



Agriculture and
Agri-Food Canada

Agriculture et
Agroalimentaire Canada

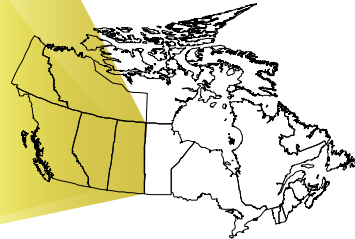
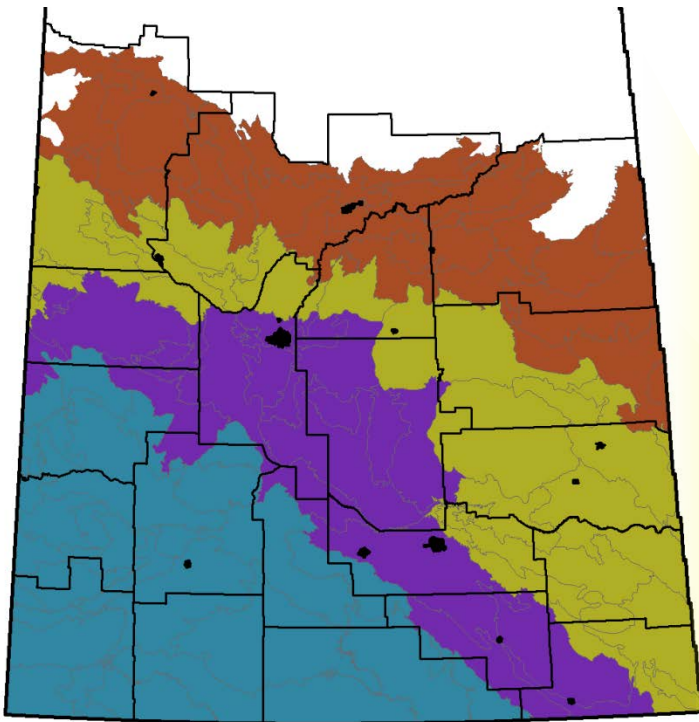


Saskatchewan Weed Survey

Cereal, Oilseed and Pulse Crops

2014/15

Julia Y. Leeson



Weed Survey Series

Saskatchewan Weed Survey of Cereal, Oilseed and Pulse Crops in 2014 and 2015

by

JULIA Y. LEESON
Agriculture and Agri-Food Canada

Weed Survey Series
Publication 16-1

Published by
Agriculture and Agri-Food Canada, Saskatoon Research Centre
107 Science Place, Saskatoon, Saskatchewan, S7N 0X2, Canada
April 2016

PREVIOUSLY PUBLISHED REPORTS IN THE WEED SURVEY SERIES



Number	Title
76-1	Weed survey of cultivated land in Saskatchewan (1976)
77-1	Weed survey of cultivated land in Saskatchewan (1977)
78-1	Report on the 1977 weed survey and questionnaire in Saskatchewan
78-2	Weed survey of cultivated land in Saskatchewan (1978)
78-3	Weed survey of cultivated land in Manitoba (1978)
79-1	Manitoba weed survey questionnaire data (1978)
79-2	Weed survey of cultivated land in Saskatchewan (1979)
79-3	Weed survey of cultivated land in Manitoba (1979)
80-2	Weed survey of grain fields in Prince Edward Island (1978)
80-3	Manitoba weed survey questionnaire data (1979)
82-1	Weed survey of cultivated land in Manitoba (1981)
82-2	Manitoba weed survey questionnaire data (1981)
83-1	Weed survey of Essex and Kent counties (1978 and 1979)
83-2	Essex and Kent counties - weed survey questionnaire data (1978 and 1979)
83-3	The 1979 weed survey of grain fields in Prince Edward Island
83-4	Peace River Region of British Columbia weed survey of cereal and oilseed crops (1978, 1979 and 1980)
83-5	Peace River Region of British Columbia weed survey of forage crops (1978, 1979 and 1980)
83-6	Weed survey of Saskatchewan cereal and oilseed crops from 1976 to 1979
84-1	Weed surveys of Manitoba cereal and oilseed crops from 1978, 1979 and 1981
85-1	Weed surveys of alfalfa seed fields in Manitoba (1983)
85-2	Survey for weeds and their competitive effect in corn and soybean fields of Essex and Kent Counties in Ontario
85-3	Dew's Alberta weed survey (1973-1977)
86-1	Weed survey of Saskatchewan sunflower fields (1985)
86-2	Weed survey of Saskatchewan mustard, lentil and dry pea crops (1985)
86-3	Weed survey of Saskatchewan winter wheat fields (1985)
86-4	Fort Vermilion Area of Alberta weed survey in cereal and oilseed fields (1985)
87-1	Weed survey of Saskatchewan cereal and oilseed crops (1986)
87-2	Weed survey of Saskatchewan winter wheat fields (1986)
87-3	Saskatchewan cereal and oilseed crops weed survey questionnaire (1986)
88-1	Weed survey of cereal and oilseed crops in Manitoba (1986)
88-2	Weed survey of Saskatchewan winter wheat fields (1987)
88-3	Manitoba cereal and oilseed crops weed survey questionnaire (1986)
89-1	Weed survey of Saskatchewan winter wheat fields (1985-1988)
90-1	Weeds of corn, soybean, and winter wheat fields under conventional, conservation, and no-till management systems in southwestern Ontario (1988 and 1989)
96-1	Saskatchewan weed survey of cereal, oilseed and pulse crops (1995)
97-1	Manitoba weed survey comparing zero and conventional tillage crop production systems (1994)
98-1	Manitoba weed survey of cereal and oilseed crops in 1997
98-2	Alberta weed survey of cereal and oilseed crops in 1997
98-3	Saskatchewan weed survey: herbicide resistant wild oat and green foxtail 1996

(Table continued on next page)

Previously Published Reports in the Weed Survey Series

Previously published reports in the Weed Survey Series (*continued*)

Number	Title
99-3	Farm management practices in Manitoba - 1997 weed survey questionnaire results
99-4	Saskatchewan weed survey: herbicide-resistant wild oat 1997
02-1	Alberta weed survey of cereal, oilseed and pulse crops in 2001
02-2	Manitoba weed survey of cereal and oilseed crops in 2002
03-1	Saskatchewan weed survey of cereal, oilseed and pulse crops in 2003
04-1	Alberta weed survey of herbicide-resistant weeds in 2001
04-2	Manitoba weed survey of herbicide-resistant weeds in 2002
05-1	Prairie weed surveys of cereal, oilseed and pulse crops from the 1970s to the 2000s
05-2	Farm management practices in Alberta - 1997 weed survey questionnaire results
05-3	Farm management practices in Alberta - 2001 weed survey questionnaire results
06-1	Saskatchewan weed survey of herbicide-resistant weeds in 2003
06-2	Prairie weed survey of herbicide-resistant wild oat from 2001 to 2003
10-1	Alberta weed survey of irrigated fields in 2009
12-1	Alberta weed survey of dryland fields in 2010
14-1	Alberta weed survey - field management questionnaire



Financial Support

Direct financial assistance to conduct the survey was provided by:

- Saskatchewan Ministry of Agriculture and the Canada-Saskatchewan Growing Forward 2 bi-lateral agreement
- Western Grains Research Foundation
- Saskatchewan Pulse Growers

In-Kind Support

The 2014/15 weed survey of major cereal, oilseed and pulse crops in Saskatchewan was a product of the hard work, support, and encouragement of many people.

The Agriculture and Agri-Food Canada team in Saskatoon who obtained landowner information and contacted producers on the telephone to recruit their participation in the study included Shelby Capcara, Chelsea Coates, Connor Nettleton-Gooding, Shane Hladun, Anna Jacobson, Aidan McGoldrick, Alicia Merriam, Justin Norton, and Carolyn Walter. These individuals as well as Brendon Fell and Geneva Ulrich were responsible for data entry and verification.

I am grateful to Henry deGooijer, Saskatchewan Land Resource Centre who provided access to a database facilitating the stratified selection of sites by ecodistrict and extension district.

The field survey was conducted by independent contractors and Agriculture and Agri-Food Canada employees. I would like to thank the following surveyors: Reid Balawyder, Kathy Bergen, Sean Campbell, Shelby Capcara, Lewis Casey, Chelsea Coates, Lyle Cowell, Mattea Cowell, Michelle Cowell, Wyatt Cowell, Matthew Dahl, Kara Deshaies, Larry Durand (Field Good Agronomics), Paige Englot, Brenda Frick, Shane Hladun, Anna Jacobson, Jessica Kruda, Troy Lange, Larry Mann, Karen Mann, Sarah Marshall, Aidan McGoldrick, Alicia Merriam, Connor Nettleton-Gooding, Justin Norton, Jessica Pratchler, Alun Roberts, Samantha Roberts, Jessica Valois and Carolyn Walter.

I would like to thank A. Gordon Thomas for initiating the Weed Survey Series in the 1970's and developing the reporting format that is used here. His work on all the preceding Saskatchewan weed surveys laid the groundwork for this report.

Producer Support

It is a special pleasure to acknowledge the contribution made by 2108 producers who agreed to co-operate in the project by permitting survey staff to count weeds in their fields.

Julia Leeson



<i>Part I</i>	INTRODUCTION	
	History of Weed Survey Activities in Saskatchewan	1
	The 2014/15 Saskatchewan Weed Survey Project.....	3
<i>Part II</i>	DESCRIPTION OF SURVEYED AREA	
	Study Area.....	5
	Ecoregions	5
	Ecodistricts	7
<i>Part III</i>	METHODOLOGY	
	Crop Selection.....	9
	Stratification of Sites.....	9
	Random Site Selection.....	12
	Field Survey Personnel.....	12
	Timing of Weed Counts.....	12
	Weed Counts in Fields	13
	Weed List.....	14
	Data Analysis.....	19
	Guide to the Use of the Field Survey Summary Tables	22
	Limitations, Constraints and Biases.....	22
<i>Part IV</i>	FIELD SURVEY SUMMARY TABLES	
	List of Summary Tables in Part IV	25
	Province	29
	Ecoregion.....	54
	Crop District.....	106
	Crop Reporting Area.....	176
	Previous Surveys	301
<i>Part V</i>	POPULATION SHIFTS 1976 TO 2015	315
<i>Part VI</i>	DISTRIBUTION MAPS	
	List of Distribution Maps.....	317
	Maps for Selected Species	318



History of Weed Survey Activities in Saskatchewan

Early reports on weeds in Saskatchewan (then part of the Northwest Territories) were lists of species with general statements of where they occurred and the seriousness of the problem¹. The first indication of the relative importance of seven serious weeds in Saskatchewan was obtained from reconnaissance surveys in 1930 and 1931². In these surveys, estimates of the prevalence and distributions of species were obtained from government officials and weed inspectors through interviews and questionnaires. Groh and Frankton³ published the results of their reconnaissance survey in 1949. They listed the frequency of occurrence of weeds in various areas of the province. In a questionnaire survey conducted during the 1960's by Alex⁴, extension staff was asked to estimate the density and area infested with 40 species of weeds based on their knowledge of their specific Districts. These estimates for municipalities were presented on maps for each species. Although this survey provided information that was of great value at the time, researchers and extension specialists recognized, by the mid-1970's, a need for quantitative data based on weed counts in fields of producers.

The current series of surveys was initiated in 1975 in response to the need for quantitative data. These surveys collected data from weed counts in fields during July and early August. Information on the distribution and abundance of weeds occurring in cereal (spring wheat, barley, oats and fall rye) and oilseed crops (rapeseed and flax) in Saskatchewan was obtained in a series of summer surveys from 1976 to 1979⁵. A goal of 1000 fields was set for the 1976, 1978 and 1979 surveys. For the 1977 survey, the goal was increased to 1500 fields. The distribution of fields in the survey area was determined by a stratified random sampling procedure using the 43 Agricultural Extension Districts as the strata. The number of fields in each District was allocated in proportion to the area of the six crops. A minimum of ten sites was allocated to each District, resulting in an overrepresentation in Hudson Bay (District 25) and Meadow Lake (District 36) in relation to the number of cultivated hectares. Not all the selected sites in a District were surveyed each year because of staff limitations and other unforeseen circumstances. Distribution maps were produced for 30 species.

A question asked frequently is whether the species composition and density of the weed flora have changed since the last survey. Thus, surveys are needed to document the weed picture every few years so that these comparisons can be made. Consecutive annual surveys can only rarely be used to detect trends in weed distribution and abundance because shifts in weed populations occur slowly. Consequently, the initial series of four years of annual surveys was followed by a second survey conducted 7 years later in 1986⁶. Fields were allocated to the 43 Districts using the same procedure as in the 1976-1979 surveys. A goal of 1200 fields was set for the survey. The same six crops were included but separate weed summaries were not produced for fall rye because only four fields were surveyed. Distribution maps based on relative abundance were produced for 39 species.

¹ **Fletcher, J.** 1897. The worst Canadian weeds. Central Experimental Farm, Canada Department of Agriculture. Bull. No. 28, Ottawa, ON. 43 pp.

² **Mason, J. M.** 1932. Weed survey of the prairie provinces. National Research Council of Canada. Rep. No. 26, Ottawa, ON. 34 pp.

³ **Groh, H. and C. Frankton.** 1949. Canadian weed survey. 7th Report. Canada Department of Agriculture, Ottawa, ON. 144 pp.

⁴ **Alex, J. F.** 1965. Survey of weeds of cultivated land in the prairie provinces. Exp. Farm, Res. Branch, Canada Department of Agriculture, Regina, Saskatchewan. 68 pp.

⁵ **Thomas, A. G. and R. F. Wise.** 1983. Weed surveys of Saskatchewan cereal and oilseed crops from 1976 to 1979. Weed Survey Series Publ. 83-6. Agriculture Canada, Regina, Saskatchewan. 260 pp.

⁶ **Thomas, A. G. and R. F. Wise.** 1987. Weed survey of Saskatchewan cereal and oilseed crops (1986). Weed Survey Series Publ. 87-1. Agriculture Canada, Regina, Saskatchewan. 251 pp.

Introduction – History of Weed Surveys in Saskatchewan

During the 1980's specialized crops were the subjects of several separate complimentary surveys in Saskatchewan. These included a survey in 1985 of sunflowers⁷ and a survey of mustard, lentil and pea⁸. A series of surveys was also conducted in winter wheat each year from 1985 to 1988⁹.

A third survey in the series was conducted nine years later in 1995¹⁰. Since the 1986 survey a reduction in the frequency of fallow, an increase in the diversity of crops grown in rotations, a reduction in tillage and an increase in direct seeding had occurred. Canary seed, mustard, pea and lentil crops had a large enough acreage to be included in the survey for the first time. Fall rye, which had been included in previous surveys, was excluded. Durum wheat was treated as a separate crop from spring wheat. A goal of 1200 fields was set for the survey. Site selection utilized ecodistricts rather than Agricultural Extension Districts as the units for stratification. Distribution maps were produced for 38 species.

The last provincial survey of Saskatchewan was completed in 2003 and summarized in a Weed Survey Series Report by Leeson, Thomas, and Brenzil (2003)¹¹. While the protocol was similar to the previous survey, more fields were included. The survey was part of a project to survey 4000 fields across all Prairie Provinces; therefore, the total number of fields surveyed in Saskatchewan was proportional to the farm area in Saskatchewan relative to Alberta and Manitoba. Of the allocated 2170 fields, 2046 were surveyed. The survey included the major annual cereal, oilseed and pulse crops (spring wheat, durum, barley, oats, canary grass, canola, flax, mustard, field pea, lentil and chickpea).

⁷ **Thomas, A.G. and R.F. Wise.** 1986. Weed survey of Saskatchewan sunflower fields (1985). Weed Survey Series Publ. 86-1. Agriculture Canada, Regina, Saskatchewan. 50 pp.

⁸ **Douglas, D.W. and A.G. Thomas.** 1986. Weed survey of Saskatchewan mustard, lentil and dry pea crops (1985). Weed Survey Series Publ. 86-2. Agriculture Canada, Regina, Saskatchewan. 157 pp.

⁹ **Thomas, A.G. and R.F. Wise.** 1989. Weed surveys of Saskatchewan winter wheat fields (1985-1988). Weed Survey Series Publ. 89-1. Agriculture Canada, Regina, Saskatchewan. 106 pp.

¹⁰ **Thomas, A. G., R. F. Wise, B. L. Frick and L. T. Juras.** 1996. Saskatchewan weed survey of cereal, oilseed and pulse crops in 1995. Weed Survey Series Publ. 96-1. Agriculture and Agri-Food Canada, Saskatoon, Saskatchewan. 130 pp.

¹¹ **Leeson, J. Y., A. G. Thomas and C. A. Brenzil.** 2003. Saskatchewan weed survey of cereal, oilseed and pulse crops in 2003. Weed Survey Series Publication 03-1, Agriculture and Agri-Food Canada, Saskatoon Research Centre, Saskatoon, Saskatchewan. 342 pp.

The 2014/15 Saskatchewan Weed Survey Project

Rationale

Eleven years have passed since the fourth survey in Saskatchewan was conducted in 2003. Numerous changes in the agricultural industry since the last survey have presented the need for a new survey with updated information. The weed survey data can be used to document the changes in the distribution and abundance of weeds that have occurred since the previous provincial surveys in 2003, 1995, 1987 to 1989 and 1973 to 1977. Changes in weed abundance can be identified because all the surveys since 1976 have used a similar methodology. Individual weeds or groups of species identified as increasing in abundance can be targeted for attention by various agencies involved in weed science. The trends identified by the weed surveys are important to the research, industry, and extension communities for developing weed management recommendations for producers.

Objective

The objective of the project was to conduct, in 2014, the fifth weed survey in Saskatchewan since the series of provincial surveys began in the mid 1970s. The survey would measure the species compositions and population densities of the weed communities in the major summer annual crops grown in Saskatchewan.

Expected benefits of the provincial weed survey

1. Quantitative field surveys of weed populations are used to reveal the current size, extent, and order of importance of species in the province, ecoregions, extension districts, and other spatially defined areas of interest.
2. The spatial distributions of the most common species are represented in maps that clearly illustrate areas of high and low abundance in relation to the physical landscape and jurisdictional areas of the province.
3. Tracking the increase or decrease in weed populations and the changes in the composition and structure of weed communities, using the database of survey information from the previous four surveys, will indicate the extent by which various weeds are spreading or being controlled and thus the effectiveness of weed management programs.
4. Crop yield losses due to specific weeds can be estimated and these loss estimates can be used to establish the economic costs.
5. Weed survey data can provide an objective basis for developing ecologically and economically sustainable strategies to manage agricultural weeds. The data are used to set research and education priorities, develop recommendations, and design weed management strategies in the research, extension, and agri-business communities.
6. Targeting of increasingly scarce scientific resources requires objective information on the species compositions and population densities of the weed communities that occur locally, regionally or provincially. Individual species or groups of species can be targeted for attention by various agricultural agencies.
7. Additional benefits of the weed survey will be realized when the results are combined with the information gathered in the farm management questionnaire survey. The questionnaire survey will provide detailed information on what farmers are doing to produce a crop. By combining the field and questionnaire survey data, particular weed management practices that are important determinants of distinctive weed communities can be determined.
8. Relating trends in weed populations and communities to the use of specific agronomic and weed control practices or to cropping systems will identify possible reasons that certain weeds have become more or less of a problem on an ecoregion, crop, or provincial basis.
9. Predicting shifts in weed populations and communities that might occur because of anticipated changes in agronomic practices, weed control management, and agricultural policy will allow agricultural agencies to develop weed management strategies that meet the future needs of farmers.



Study Area

The survey included the 29 million hectares of cultivated land of the province of Saskatchewan. This area extends from the border with the United States in the south (49°N latitude) to approximately 54°30'N latitude on the west side of the province and 53°N latitude on the east side of the province. Saskatchewan is bordered on the east (102°W longitude) by the province of Manitoba and on the west (110°W longitude) by the province of Alberta.

Ecoregions

The majority of the fields surveyed (99%) are located in four ecoregions¹² (Figure 1). Ecoregions are areas of similar landforms, climate, natural vegetation, soils and land use. The other surveyed fields were distributed amongst three ecoregions in areas adjacent to the more intensively farmed ecoregions.

The **Mid-Boreal Upland Ecoregion** includes a large block in the western portion of the province, north of the major agricultural area and four smaller uplands located to the south and east of this main area. Native vegetation in this ecoregion is a mixture of coniferous and deciduous trees dominated by trembling aspen, jack pine, black spruce, white spruce and balsampoplar. Gray Luvisols and Eutric Brunisols prevail on hummocky and ground moraine slopes. The lower slopes are dominated by Gleysols and Organic soils. Brunisols are common on sandy glaciofluvial, glacial till and eolian deposits. Agriculture is only common in the southern areas of the Mid-Boreal Upland Ecoregion; therefore, the ecoregion is combined with the Boreal Transition Ecoregion in the weed summaries.

The **Mid-Boreal Lowland Ecoregion** is north of the main agricultural area in eastern Saskatchewan extending into Manitoba. The majority of this ecoregion is not suitable for agriculture; however, grain and oilseed crops are produced where soils and drainage allow. This ecoregion is represented in the weed surveys by only one field and is combined with data from the Boreal Transition Ecoregion in the weed summaries.

The **Boreal Transition Ecoregion** marks both the southern limit of the boreal forest and the northern limit of arable agriculture. The remaining native vegetation is primarily a deciduous boreal forest, dominated by trembling aspen; as the majority of the original grasslands have been cultivated. The ecoregion is a undulating to gently sloping plain, with glacial till and fluvio-glacial deposits underlain by Cretaceous shale. Black and Dark Gray Chernozems are predominant in the southern areas on the ecoregion, while Dark Gray Luvisols soils occur in the north portion. As approximately half of this ecoregion is farmland, most of the ecoregion is represented in the survey. Only the Frog Lake Upland, located on the Alberta border, did not have enough cultivated land to be included in the weed survey.

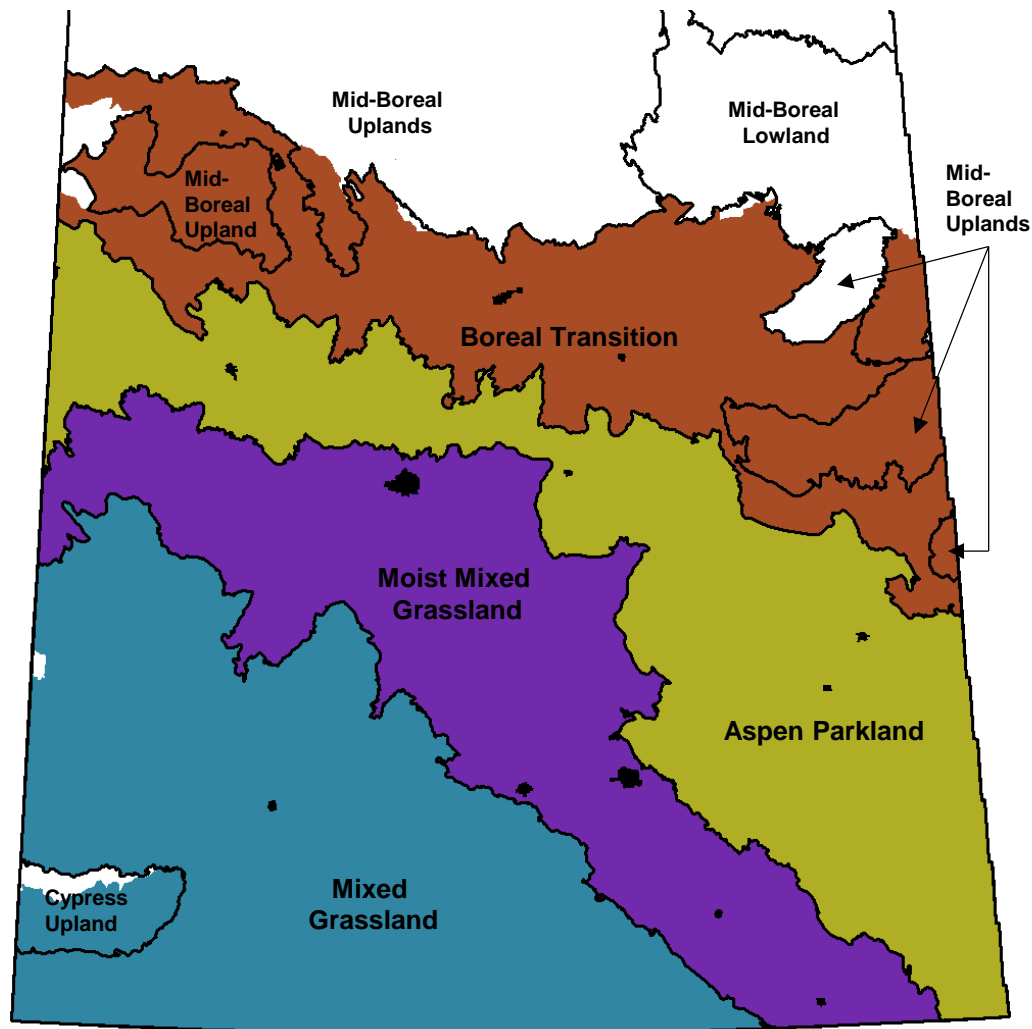
The **Aspen Parkland Ecoregion** forms an arc across the province immediately south of the Boreal Transition Ecoregion. This area is a zone of transition between the forests to the north and grassland to the south. The native vegetation is dominated by trembling aspen and fescue grasslands. The ecoregion is a broad plain with hilly uplands. The area has glacial till, glaciolacustrine and glaciofluvial deposits. The dominant soil is a Black Chernozem. This ecoregion is a highly productive agricultural area.

The **Moist Mixed Grassland Ecoregion** is the most northern area of open grassland in the prairies. Native vegetation, where it remains, is dominated by spear grass and wheat grass. The ecoregion is composed of hummocky to kettled glacial till and level to very gently undulating lacustrine deposits. Dark Brown Chernozemic soils predominate throughout the ecoregion. Approximately 80% of the ecoregion is in agricultural production.

The **Mixed Grassland Ecoregion** is part of the semiarid shortgrass prairie, found to the south of the Moist Mixed Grassland Ecoregion. Native vegetation is dominated by spear grass, wheat grass and blue grama grass. The ecoregion is composed of dissected to kettled glacial till, undulating to dissected lacustrine sediments and hummocky Eolian deposits. Soils are predominantly Brown Chernozems. Cultivated land covers about half of the ecoregion.

¹² Acton, D. F., G. A. Padbury, and C. T. Stushnoff. 1998. The ecoregions of Saskatchewan. Hignell Printing Limited, Winnipeg, Manitoba. 205 pp.

Description Of Surveyed Area – Ecoregions



Area included in summaries of:

■ Boreal Transition ■ Aspen Parkland ■ Moist Mixed Grassland ■ Mixed Grassland

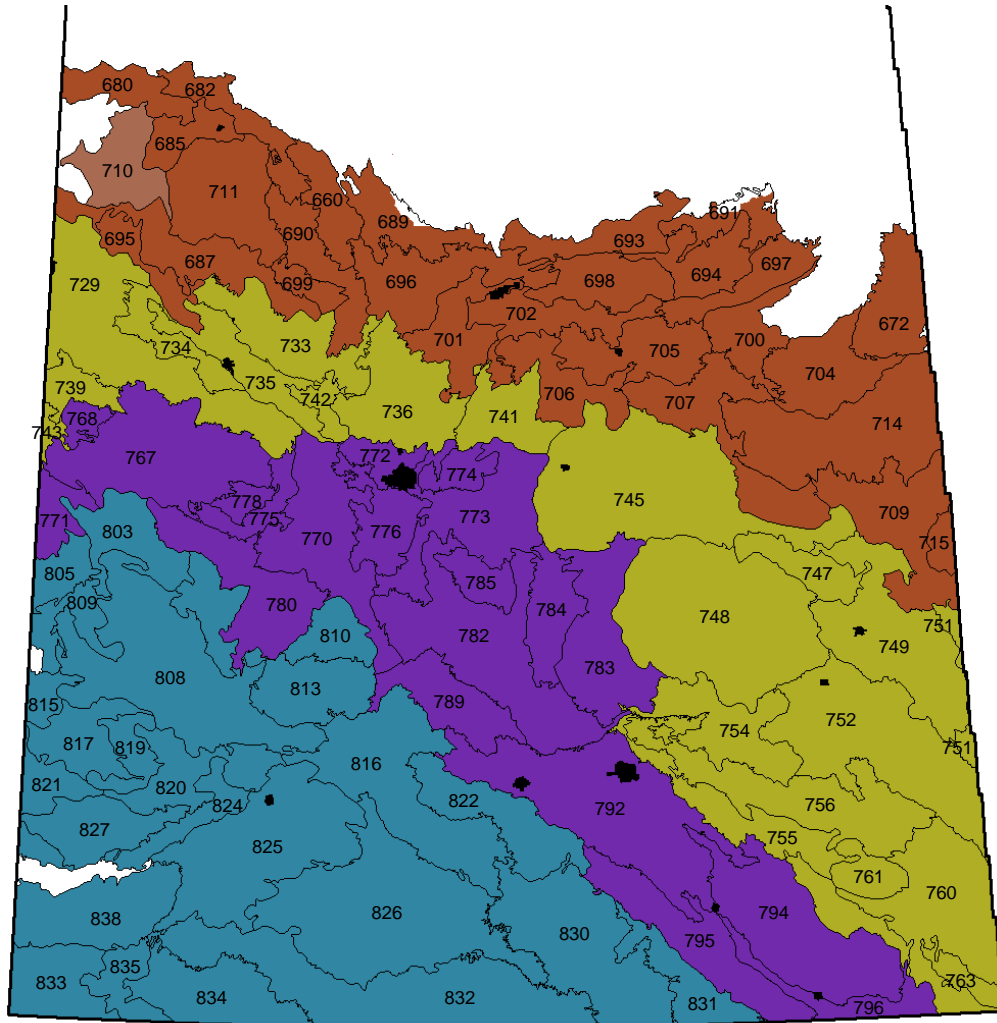
Figure 1. Area surveyed in ecoregions included in the weed survey. Major agricultural ecoregions are indicated by larger font. Ecoregions that are grouped in summaries are shaded with the same colour. Map derived from Canadian Soil Information System website¹³.

The **Cypress Uplands Ecoregion** is located within the Mixed Grassland Ecoregion, along the Alberta border. The native vegetation includes the prairie species found in the surrounding ecoregion, as well as lodge pole pine, white spruce and trembling aspen. The area is a plateau formed from very coarse gravel deposited by a migrating braided river during the Tertiary period. In some areas the bedrock is covered by glacial drift or glaciolacustrine deposits. Dark Brown Chernozems soils are dominant in the grassland areas, but Brown soils are also found at the lower elevations. Black, Dark Gray and Gray Luvisolic soils are found in the forested areas. About 21% of the area is cultivated. The sites surveyed in this ecoregion are combined with the Mixed Grassland Ecoregion in the weed summaries.

¹³ **Agriculture and Agri-Food Canada.** 2003. A national ecological framework for Canada: GIS data. [Online] Available: http://sis.agr.gc.ca/cansis/nsdb/ecostrat/gis_data.html [11 February 2016].

Ecodistricts

Each ecoregion consists of one or more ecodistricts (Figure 2). Ecodistricts are similar in landform, relief, surficial material, soil, vegetation and land use. Average January temperature, average July temperature, annual precipitation, and growing season length are mapped by ecodistrict based on climatic normal (Figure 3).



Area included in summaries of:

- Boreal Transition
- Aspen Parkland
- Moist Mixed Grassland
- Mixed Grassland

Figure 2. Ecodistricts included in the weed survey. Ecodistricts that are surrounded by a thick black line on the map are grouped in summaries. Ecodistrict names are found in Table 2. Map derived from Canadian Soil Information System website¹⁴.

¹⁴ **Agriculture and Agri-Food Canada.** 2003. A national ecological framework for Canada: GIS data. [Online] Available: http://sis.agr.gc.ca/cansis/nsdb/ecostrat/gis_data.html [11 February 2016].

Description Of Surveyed Area – Ecodistricts

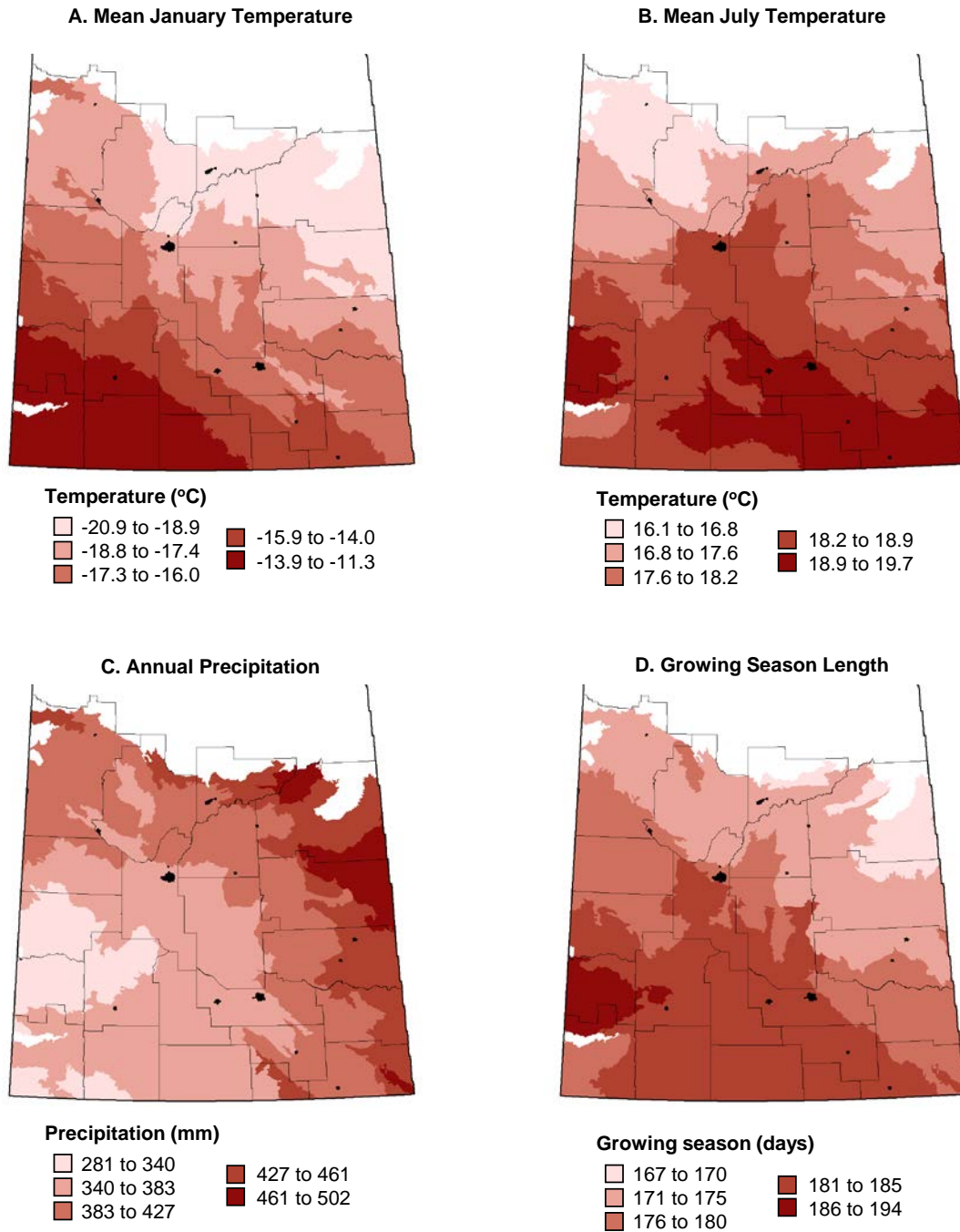


Figure 3. Average January temperature (A), average July temperature (B), annual precipitation (C), and growing season length (D)¹⁵ are mapped by ecodistrict based on climatic normal.¹⁶

¹⁵ Growing season length is the total number of days when mean daily air temperature equals or exceeds 5 degrees Celsius

¹⁶ Agriculture and Agri-Food Canada. 1997. Canadian ecodistrict climate normals 1961-1990. [Online] Available: <http://sis.agr.gc.ca/cansis/nsdb/ecostrat/district/climate.html> [25 November 2003].



Crop Selection

The selection of annual cereal, oilseed and pulse crops to be included in the survey was based on the 2014 seeded area for the province¹⁷ (Table 1). A minimum of 20 fields was set as the limit for inclusion of a crop in the survey. Based on a survey target of 2200 fields in Saskatchewan four cereal crops, three oilseed crops and two pulse crops were selected.

Table 1. Area of the crops selected for the survey and the number of fields allocated to each crop

Crop	Seeded area (1,000 ha)	Proportion of area (%)	Expected number of fields
Cereal			
Spring wheat	3429.8	24.8	547
Durum	1699.7	12.3	271
Barley	809.4	5.9	129
Oat	550.4	4.0	88
Oilseed			
Canola	4350.4	31.5	693
Flax	546.3	4.0	87
Mustard	147.7	1.1	24
Pulse			
Lentil	1218.1	8.8	194
Pea	1052.2	7.6	168
Total	13804.0		2200

Stratification of Sites

Ecodistricts were used as the strata in a stratified random-sampling procedure. The number of fields in an ecodistrict was allocated in proportion to the seeded area of the selected crops in the ecodistrict, relative to the total area seeded to selected crops in all ecodistricts (Table 2). Hectarage of field crops derived from the 2011 census data of Statistics Canada for each soil landscape complex (a subunit of ecodistrict)¹⁸ was summed to obtain hectarage per ecodistrict.

¹⁷ **Statistics Canada.** 2014. Table 001-0010 - Estimated areas, yield, production and average farm price of principal field crops, in metric units, annual, CANSIM (database). [Online] Available: <http://www5.statcan.gc.ca/cansim/a47> [accessed: February 16, 2016].

¹⁸ **Agriculture and Agri-Food Canada.** 2013. Production variables by SLC v3.2 from 2011. [Online] Available: http://www.agr.gc.ca/atlas/rest/services/mapservices/aafc_interpolated_census_of_agriculture/MapServer [19 October 2015].

Methodology – Stratification of Sites

Table 2. Allocation of sites based on ecodistrict area and number of sites surveyed in each ecodistrict

Ecoregion	Ecodistrict	Allocated	Surveyed
Mid-Boreal Uplands	660 Leoville Hills	1	2
Mid-Boreal Lowland	672 Overflowing River Lowland	1	1
Boreal Transition	680 Beaver River Plain	3	2
	682 St. Cyr Plain	2	1
	685 Meadow Lake Plain	5	5
	687 Onion Lake Plain	12	11
	689 Sturgeon River Plain	4	5
	690 Witchehan Plain	4	6
	691 Tobin Lake Lowland	2	2
	693 Whitefox Plain	19	13
	694 Nipawin Plain	21	21
	695 Turtle River Plain	4	5
	696 Shellbrook Plain	19	19
	697 Red Earth Plain	9	9
	698 La Corne Plain	6	4
	699 Meeting Lake Upland	5	5
	700 Mistatim Upland	6	5
	701 Nisbet Plain	8	9
	702 Prince Albert Plain	29	34
	704 Hudson Bay Plain	13	10
	705 Melfort Plain	55	54
	706 Tiger Hills Upland	13	14
707 Barrier River Upland	27	25	
709 Swan River Plain	29	26	
Mid-Boreal Uplands	710 Bronson Upland	1	0
	711 Thickwood Upland	3	2
	714 Porcupine Hills	9	7
	715 Duck Mountain	0	3
Boreal Transition including Mid-Boreal Lowland and Mid-Boreal Uplands		310	300
Aspen Parkland	729 Lloydminster Plain	59	48
	733 Whitewood Hills Upland	28	23
	734 Lower Battle River Plain	3	6
	735 Maymont Plain	25	26
	736 Waldheim Plain	42	47
	739 Ribstone Plain	6	5
	741 Cudworth Plain	25	24
	742 Hafford Plain	6	8
	743 Provost Plain	1	2
	745 Quill Lake Plain	121	129
	747 Whitesand Plain	11	9
	748 Touchwood Hills Upland	87	89
	749 Yorkton Plain	57	59
	751 St. Lazare Plain	1	5
	752 Melville Plain	42	57
	754 Indian Head Plain	32	31
	755 Moose Mountain Upland	26	26
	756 Kipling Plain	42	43
	756 Kipling Plain	42	43
	760 Gainsborough Plain	14	46
761 Moose Mountain	1	1	
762 Moose Mountain Creek Plain	11	12	
Aspen Parkland		641	702

(Table continued on next page)

Table 2. Allocation of sites based on ecodistrict area and number of sites surveyed in each ecodistrict (*continued*)

Ecoregion	Ecodistrict	Allocated	Surveyed
Moist Mixed Grassland	767 Tramping Lake Plain	77	65
	768 Senlac Hills	6	4
	770 Goose Lake Plain	44	47
	771 Neutral Hills	4	6
	772 Saskatoon Plain	6	8
	773 Elstow Plain	45	45
	774 Minichinas Upland	10	11
	775 Bear Hills	9	12
	776 Moose Wood Sand Hills	9	11
	778 Biggar Plain	7	4
	780 Rosetown Plain	52	48
	782 Arm River Plain	88	81
	783 Strasbourg Plain	41	36
	784 Last Mountain Lake Plain	13	13
	785 Allan Hills	14	12
	789 Eyebrow Plain	23	22
	792 Regina Plain	108	121
	794 Griffin Plain	53	53
	795 Trossachs Plain	32	37
	796 Souris River Plain	10	9
Moist Mixed Grassland		651	645
Mixed Grassland	803 Kerrobert Plain	28	26
	805 Sibbald Plain	8	5
	807 Bad Hills	14	11
	808 Eston Plain	75	71
	809 Oyen Upland	17	12
	810 Coteau Hills	13	13
	813 Beechy Hills	24	23
	815 Bindloss Plain	3	4
	816 Chaplin Plain	52	53
	817 Hazlet Plain	9	7
	819 Great Sand Hills	6	8
	820 Antelope Creek Plain	23	18
	821 Schuler Plain	8	12
	822 Dirt Hills	22	21
	824 Gull Lake Plain	12	9
	825 Swift Current Plateau	58	60
	826 Wood River Plain	96	101
	827 Maple Creek Plain	4	6
	830 Coteau Lake Upland	41	37
	831 Lake Alma Upland	17	25
832 Wood Mountain Plateau	36	35	
833 Wild Horse Plain	4	4	
834 Climax Plain	17	21	
835 Old Man on His Back Plateau	5	6	
Cypress Uplands	838 Cypress Hills	8	7
Mixed Grassland including Cypress Uplands (838)		600	595
Saskatchewan		2201	2240

Methodology – Site Selection

Random Site Selection

The random selection of sites used the legal land description grid established by the Dominion Land Survey System¹⁹ in western Canada. A random sample was selected from all quarter sections (65 ha) that had greater than 16 cultivated hectares within each target ecodistrict and extension district. A list that contained eight times the allocated number of sites was developed for each ecodistrict.

Land owner information for the list of Legal Land Descriptions was acquired from the Information Services Corporation of Saskatchewan, and then telephone numbers were added from local telephone directories.

Agriculture and Agri-Food Canada staff acted as the primary contact point for producers. Producers were contacted, beginning in the last week in May and continuing through July. Sites were qualified, in the order that they were listed, until the required number of fields had been obtained. A site qualified if the person who farmed the land answered yes to all of the following questions.

1. Will you grant permission for a surveyor to count weeds on the selected quarter section during July or August?
2. Is there a field in the quarter section seeded to a selected crop?
3. Is the identified field accessible by road?
4. Do you agree to complete a questionnaire on management practices used on the identified field in the fall?

If a field in a quarter section did not qualify, an attempt was made to qualify a nearby field. This step was followed only if the land was farmed by the same person as the preselected quarter section.

For each site, the following information was recorded into a database:

- (a) the name, mailing address, and telephone number of the farm operator for the qualified fields,
- (b) a new quarter section if it had been changed from the preselected site,
- (c) the crop seeded in the selected field and the identity of the underseeded crop if present,

Field Survey Personnel and Training

The majority of the fields were surveyed by independent contractors (71%). Agriculture and Agri-Food Canada employees surveyed the remaining fields. A total of 31 people contributed to the weed counts.

Training material was provided to each surveyor and reviewed in individual one-on-one sessions. The material outlined the reasons for conducting a weed survey, how to implement the protocol, how to locate sites, how to handle unknown weeds, and how to record the weed data on the field sheets. Surveyors were given Rural Municipality maps with survey locations identified. Surveyors also used GPS software to ensure they visited the correct locations. Surveyors were given a list of the species found in the 2003 Saskatchewan survey highlighting potential identification problems.

Timing of Weed Counts

Weeds that had not been controlled in the fields were counted in the summer survey. This time was chosen for several reasons. The weeds in the field were, in part, a result of agronomic management decisions (e.g., crop rotation, time and type of tillage, rate and placement of fertilizer, and selection, rate and effectiveness of herbicide used) made by the farm operator at various times during the crop year. The impact of these agronomic practices on the weed flora was reflected in a summer survey. Counts at this time of the year showed the size and extent of troublesome weed populations. This survey time had additional advantages. Identification was simplified because many of the weeds were mature. In particular, wild oats and other grassy weeds had flowered or produced fruit and were easily recognized. Also, the field crew had more time to work on the survey during the summer than during the period immediately after crop seeding. Weed counts were completed in between July 15, 2014 and September 11, 2014 and between July 1, 2015 and August 18, 2015.

¹⁹ **McKercher, R. B. and B. Wolfe.** 1986. Understanding Western Canada's Dominion Land Survey System. Division of Extension and Community Relations, University of Saskatchewan, Saskatoon, SK.

Weed Counts in Fields

Once a surveyor arrived at a qualified field, the weeds were enumerated using a set pattern. The surveyor walked 100 paces along the edge of the field, turned at right angles, and walked 100 paces into the field. The inverted W-pattern began at this point (Figure 4). Five locations were sampled along each arm of the pattern, giving a total of 20 locations. Locations were 20 paces apart. The number of individuals of each weed species was determined in a 0.25 m² quadrat (50 cm by 50 cm) at each of the 20 locations. The procedure was modified when necessary to compensate for sloughs, odd-shaped fields and other irregularities.

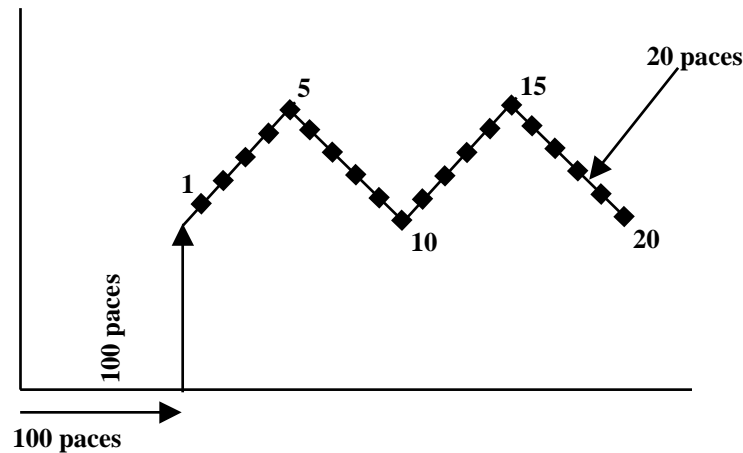


Figure 4. W-pattern used for field counts.

For perennial grass species such as quack grass and perennial herbaceous species such as Canada thistle, the number of shoots rather than the number of plants was counted. For annual grasses, such as wild oats, and clumped perennials, such as foxtail barley, a rooted individual was counted as a single plant whatever the number of tillers. Volunteer crop plants were counted as weeds. The underseeded species in a field was not counted.

Surveyors were asked to collect a specimen of each species they identified in each field for later verification. Also, any plant found in the field that could not be identified, or that the surveyor was unsure of, was collected. All specimens were pressed and submitted for identification. Species which require mature specimens to distinguish (thyme-leaved spurge and ridge-seed spurge, western barnyard grass and barnyard grass, Japanese and downy brome, dock species) were combined in field summary tables; however, mature specimens were identified to species when collected. The common and botanical names of weeds that occur in this report, including 182 weeds identified in 2014/15, are listed in Table 3.

Methodology – Weed List

Table 3. Common²⁰ and scientific names²¹ of plants that appear in this report

Common Name	Scientific Name
Absinth*	<i>Artemisia absinthium</i> L.
Alfalfa*	<i>Medicago sativa</i> L.
Alsike clover (reported with clover species)*	<i>Trifolium hybridum</i> L.
American dragonhead*	<i>Dracocephalum parviflorum</i> Nutt.
American vetch* (includes tufted and common vetch)	<i>Vicia americana</i> Muhl. ex Willd.
Annual blue grass* (reported with blue grass species)	<i>Poa annua</i> L.
Annual brome species* (includes Japanese and downy brome ²²)	<i>Bromus japonicus</i> Houtt. and <i>B. tectorum</i> L.
Annual sow-thistle*	<i>Sonchus oleraceus</i> L.
Annual spurge species* (includes ridge-seeded and thyme-leaved spurge ²³)	<i>Euphorbia glyptosperma</i> Engelm. and <i>E. serpyllifolia</i> Pers.
Aspen poplar* (reported with poplar species)	<i>Populus tremuloides</i> Michx.
Aster species*	<i>Aster</i> spp.
Atriplex species* (includes garden and spreading atriplex)	<i>Atriplex</i> spp.
Ball mustard	<i>Neslia paniculata</i> (L.) Desv.
Balsam poplar* (reported with poplar species)	<i>Populus balsamifera</i> L.
Barley*	<i>Hordeum vulgare</i> L.
Barnyard grass* (reported with barnyard grass species)	<i>Echinochloa crus-galli</i> (L.) P.Beauv.
Barnyard grass species* (includes western barnyard grass and barnyard grass ²⁴)	<i>Echinochloa</i> spp.
Beaked hazelnut*	<i>Corylus comuta</i> Marshall
Beggarticks species*	<i>Bidens</i> spp.
Bicknell's geranium* (may include other geranium species)	<i>Geranium bicknellii</i> Britton
Biennial wormwood*	<i>Artemisia biennis</i> Willd.
Big bluestem*	<i>Andropogon gerardii</i> Vitman
Black medick*	<i>Medicago lupulina</i> L.
Black mustard	<i>Brassica nigra</i> (L.) W.D.J. Koch
Black-eyed Susan	<i>Rudbeckia hirta</i> L. var. <i>pulcherrima</i> Farw.
Bladder campion	<i>Silene vulgaris</i> (Moench) Garcke
Blue grass species*	<i>Poa</i> spp.
Blue lettuce*	<i>Mulgedium pulchellum</i> (Pursh) G. Don
Blueberry species	<i>Vaccinium</i> spp.
Bluebur* (includes western bluebur)	<i>Lappula squarrosa</i> (Retz.) Dumort.
Borage*	<i>Borago officinalis</i> L.
Broad-leaved plantain* (may include other plantain species)	<i>Plantago major</i> L.
Buckwheat* (reported with Tartary buckwheat)	<i>Fagopyrum esculentum</i> Moench
Buffaloberry species	<i>Shepherdia</i> spp.
Burning nettle* (may include other nettle species)	<i>Urtica urens</i> L.
Canada anemone	<i>Anemone canadensis</i> L.
Canada blue grass* (reported with blue grass species)	<i>Poa compressa</i> L.
Canada fleabane*	<i>Erigeron canadensis</i> L.

²⁰ Darbyshire, S. J., M. Favreau and M. Murray. 2000. Common and Scientific Names of Weeds in Canada. Publication 1397/B, Agriculture and Agri-Food Canada, Ottawa, ON. 132 pp.

²¹ Brouillet, L., F. Coursol, S.J. Meades, M. Favreau, M. Anions, P. Bélisle & P. Desmet. 2010+. VASCAN, the Database of Vascular Plants of Canada. <http://data.canadensys.net/vascan/> (consulted on 2016-02-28).

*Found in 2014/2015 survey

²² 65% Japanese brome and 35% downy brome in 2014/15 survey (34 specimens)

²³ 42% ridge-seeded and 58% thyme-leaved spurge in 2014/15 survey (79 specimens)

²⁴ 89% western barnyard grass and 11% barnyard grass in 2014/15 survey (189 specimens)

(Table continued on next page)

Table 3. Common and scientific names of plants that appear in this report (continued)

Common Name	Scientific Name
Canada thistle*	<i>Cirsium arvense</i> (L.) Scop.
Canary grass*	<i>Phalaris canariensis</i> L.
Canola/rapeseed*	<i>Brassica napus</i> L. and <i>B. rapa</i> L.
Caraway	<i>Carum carvi</i> L.
Cattail*	<i>Typha latifolia</i> L.
Chickpea*	<i>Cicer arietinum</i> L.
Chickweed*	<i>Stellaria media</i> (L.) Vill.
Clammy hedge-hyssop*	<i>Gratiola neglecta</i> Torr.
Clasping-leaved pennycress	<i>Noccaea perfoliata</i> (L.) Al-Shehbaz
Cleavers* (reported with false cleavers)	<i>Galium aparine</i> L.
Clover species* (includes alsike, white and red clover ²⁵)	<i>Trifolium</i> spp.
Cocklebur*	<i>Xanthium strumarium</i> L.
Collomia	<i>Collomia linearis</i> Nutt.
Common burdock*	<i>Arctium minus</i> (Hill) Bernh.
Common groundsel*	<i>Senecio vulgaris</i> L.
Common milkweed (reported with showy milkweed)	<i>Asclepias syriaca</i> L.
Common pepper-grass* (includes field pepper-grass)	<i>Lepidium densiflorum</i> Schrad.
Common ragweed	<i>Ambrosia artemisiifolia</i> L.
Common vetch (reported with American vetch)	<i>Vicia sativa</i> var. <i>angustifolia</i> (L.) Wahlenb.
Common yarrow*	<i>Achillea millefolium</i> L.
Common yellow wood-sorrel* (may include other wood-sorrel species)	<i>Oxalis dillenii</i> Jacq.
Conoid catchfly*	<i>Silene conoidea</i> L.
Coriander	<i>Coriandrum sativum</i> L.
Corn*	<i>Zea mays</i> L.
Corn gromwell*	<i>Buglossoides arvensis</i> (L.) I.M. Johnst.
Corn spurry*	<i>Spergula arvensis</i> L.
Cow cockle*	<i>Vaccaria hispanica</i> (Mill.) Rauschert
Crested wheat grass*	<i>Agropyron cristatum</i> (L.) Gaertn.
Curled dock* (reported with dock species)	<i>Rumex crispus</i> L.
Dandelion* (includes red-seeded dandelion)	<i>Taraxacum officinale</i> F. H. Wigg.
Diffuse knapweed	<i>Centaurea diffusa</i> Lam.
Dock species* (includes curled, field and willow-leaved dock ²⁶)	<i>Rumex</i> spp.
Dog mustard*	<i>Erucastrum gallicum</i> (Willd.) O.E. Schultz
Downy brome* (reported with annual brome species)	<i>Bromus tectorum</i> L.
Durum* (reported with wheat)	<i>Triticum durum</i> Desf.
Erect knotweed* (reported with prostrate knotweed)	<i>Polygonum erectum</i> L.
False cleavers* (may include cleavers)	<i>Galium spurium</i> L.
False ragweed*	<i>Cyclachaena xanthiifolia</i> (Nutt.) Fresen.
Fescue species	<i>Festuca</i> spp.
Field bindweed*	<i>Convolvulus arvensis</i> L.
Field chickweed	<i>Cerastium arvense</i> L.
Field dock* (reported with dock species)	<i>Rumex pseudonatronatus</i> (Borbás) Borbás ex Murb.
Field horsetail*	<i>Equisetum arvense</i> L.
Field mint*	<i>Mentha arvensis</i> L.
Field pea*	<i>Pisum sativum</i> L.

(Table continued on next page)

²⁵ 41% alsike, 43% white and 16% red clover in 2014/15 survey (44 specimens)²⁶ 88% willow-leaved, 6% curled and 6% field dock in 2014/15 survey (16 specimens)

*Found in 2014/15 survey

Methodology – Weed List

Table 3. Common and scientific names of plants that appear in this report (*continued*)

Common Name	Scientific Name
Field pepper-grass (reported with common pepper-grass)	<i>Lepidium campestre</i> (L.) W. T. Aiton
Field violet* (may include other violet species)	<i>Viola arvensis</i> Murray
Five-hooked bassia*	<i>Bassia hyssopifolia</i> (Pall.) Kuntze
Flax*	<i>Linum usitatissimum</i> L.
Flixweed*	<i>Descurainia sophia</i> (L.) Webb ex Prantl
Fowl blue grass* (reported with blue grass species)	<i>Poa palustris</i> L.
Foxtail barley*	<i>Hordeum jubatum</i> L.
Fringed loosestrife	<i>Lysimachia ciliata</i> L.
Garden atriplex* (reported with Atriplex species)	<i>Atriplex hortensis</i> L.
Garden sorrel*	<i>Rumex acetosa</i> L.
Goat's-beard*	<i>Tragopogon dubius</i> Scop.
Golden corydalis	<i>Corydalis aurea</i> Willd.
Golden dock*	<i>Rumex maritimus</i> L. var. <i>fueginus</i> (Phil.) Dusén
Golden-bean	<i>Thermopsis rhombifolia</i> (Nutt. ex Pursh) Richardson
Goldenrod species*	<i>Solidago</i> spp.
Gray tansy mustard	<i>Descurainia incana</i> (Bernh. ex Fisch. & C.A. Mey.) Dorn
Green foxtail*	<i>Setaria viridis</i> (L.) P. Beauv.
Green tansy mustard*	<i>Descurainia pinnata</i> subsp. <i>brachycarpa</i> (Richardson) Detling
Gumweed	<i>Grindelia squarrosa</i> (Pursh) Dunal
Hare's-ear mustard	<i>Conringia orientalis</i> (L.) Dumort.
Hedge mustard	<i>Sisymbrium officinale</i> (L.) Scop.
Hemp*	<i>Cannabis sativa</i> L.
Hemp dogbane (reported with spreading dogbane)	<i>Apocynum cannabinum</i> L.
Hemp-nettle*	<i>Galeopsis tetrahit</i> L.
Henbit*	<i>Lamium amplexicaule</i> L.
Hoary cress species	<i>Cardaria</i> spp.
Indian mustard	<i>Brassica juncea</i> (L.) Czern.
Japanese brome* (reported with annual brome species)	<i>Bromus japonicus</i> Houtt.
Kentucky blue grass* (reported with blue grass species)	<i>Poa pratensis</i> L.
Kochia*	<i>Bassia scoparia</i> (L.) A.J. Scott
Lamb's-quarters* (includes net-seeded lamb's-quarters)	<i>Chenopodium album</i> L.
Lance-leaved scurf-pea	<i>Ladania lanceolata</i> (Pursh) A.N. Egan & Reveal
Leafy spurge	<i>Euphorbia esula</i> L.
Lentil*	<i>Lens culinaris</i> Medik.
Long-stalked chickweed (may include other chickweed species)	<i>Cerastium nutans</i> Raf.
Long-stalked starwort*	<i>Stellaria longipes</i> Goldie
Low cudweed* (includes western marsh cudweed)	<i>Gnaphalium uliginosum</i> L.
Manitoba maple*	<i>Acer negundo</i> L.
Maple-leaved goosefoot*	<i>Chenopodium simplex</i> (Torr.) Raf.
Marsh hedge-nettle	<i>Stachys palustris</i> L.
Marsh willowherb* (reported with northern willowherb)	<i>Epilobium palustre</i> L.
Marsh yellow cress*	<i>Rorippa palustris</i> (L.) Besser
Meadow brome*	<i>Bromus riparius</i> Rehmman
Meadow rue species	<i>Thalictrum</i> spp.
Milk-vetch species*	<i>Astragalus</i> spp.
Narrow-leaved hawk's-beard*	<i>Crepis tectorum</i> L.
Needle-and-thread grass	<i>Hesperostipa comata</i> (Trin. & Rupr.) Barkworth subsp. <i>comata</i>

(Table continued on next page)

*Found in 2014/15 survey

Table 3. Common and scientific names of plants that appear in this report (*continued*)

Common Name	Scientific Name
Net-seeded lamb's-quarters* (reported with lamb's-quarters)	<i>Chenopodium berlandieri</i> var. <i>zschackei</i> (Murr) Murr ex Graebn.
Night-flowering catchfly*	<i>Silene noctiflora</i> L.
Nightshade species*	<i>Solanum</i> spp.
Nodding thistle	<i>Carduus nutans</i> L. subsp. <i>nutans</i>
Northern bedstraw	<i>Galium boreale</i> L.
Northern willowherb* (may include marsh willowherb)	<i>Epilobium ciliatum</i> Raf.
Nuttall's alkali grass*	<i>Puccinellia nuttalliana</i> (Schult.) Hitchc.
Oak-leaved goosefoot*	<i>Oxybasis glauca</i> (L.) S. Fuentes et al. subsp. <i>glauca</i>
Oats*	<i>Avena sativa</i> L.
Pale smartweed*	<i>Persicaria lapathifolia</i> (L.) Delarbre
Pasture sage* (may include other wormwood species)	<i>Artemisia frigida</i> Willd.
Pearly everlasting	<i>Anaphalis margaritacea</i> (L.) Benth. & Hook. f.
Pennsylvania pellitory*	<i>Parietaria pennsylvanica</i> Muhl. Ex Willd
Perennial sow-thistle*	<i>Sonchus arvensis</i> L.
Persian dandel*	<i>Lolium persicum</i> Boiss. & Hohen. ex Boiss.
Philadelphia fleabane*	<i>Erigeron philadelphicus</i> L.
Pineappleweed*	<i>Matricaria discoidea</i> DC.
Plains bluegrass* (reported with blue grass species)	<i>Poa arida</i> Vasey
Plains coreopsis	<i>Coreopsis tinctoria</i> Nutt.
Plains prickly-pear	<i>Opuntia polyacantha</i> Haw.
Poison suckleya	<i>Suckleya suckleyana</i> (Torr.) Rydb.
Poplar species* (includes aspen and balsampoplar)	<i>Populus</i> spp.
Poverty oat grass	<i>Danthonia spicata</i> (L.) P. Beauv. ex Roem. & Schult.
Povertyweed*	<i>Iva axillaris</i> Pursh
Prairie junegrass	<i>Koeleria macrantha</i> (Ledeb.) Schult.
Prickly lettuce*	<i>Lactuca serriola</i> L.
Proso millet*	<i>Panicum miliaceum</i> L.
Prostrate knotweed* (may include erect knotweed)	<i>Polygonum aviculare</i> L.
Prostrate pigweed*	<i>Amaranthus blitoides</i> S. Watson
Purslane*	<i>Portulaca oleracea</i> L.
Purslane speedwell*	<i>Veronica peregrina</i> L.
Pussytoes species	<i>Antennaria</i> spp.
Pygmyflower*	<i>Androsace septentrionalis</i> L.
Quack grass*	<i>Elymus repens</i> (L.) Gould
Rayless aster*	<i>Symphyotrichum ciliatum</i> (Ledeb.) G.L.Nesom
Red ash	<i>Fraxinus pennsylvanica</i> Marshall
Red clover* (reported with clover species)	<i>Trifolium pratense</i> L.
Red goosefoot*	<i>Oxybasis rubra</i> (L.) S. Fuentes et al.
Redroot pigweed*	<i>Amaranthus retroflexus</i> L.
Red-seeded dandelion* (reported with dandelion)	<i>Taraxacum erythrospermum</i> Andrz.
Redtop	<i>Agrostis gigantea</i> Roth
Ridge-seeded spurge* (reported with annual spurge species)	<i>Euphorbia glyptosperma</i> Engelm.
Rose species*	<i>Rosa</i> spp.
Rough cinquefoil* (may include other cinquefoil species)	<i>Potentilla norvegica</i> L.
Rough hair grass*	<i>Agrostis scabra</i> Willd.
Round-leaved mallow*	<i>Malva pusilla</i> Sm.
Russian pigweed*	<i>Axyris amaranthoides</i> L.
Russian thistle*	<i>Salsola tragus</i> L.

(Table continued on next page)

*Found in 2014/15 survey

Methodology – Weed List

Table 3. Common and scientific names of plants that appear in this report (*continued*)

Common Name	Scientific Name
Russian wild rye	<i>Psathyrostachys juncea</i> (Fisch.) Nevski
Rye	<i>Secale cereale</i> L.
Sand-rocket	<i>Diplotaxis muralis</i> (L.) DC.
Scarlet gaura	<i>Oenothera suffrutescens</i> (Ser.) W. L. Wagner & Hoch
Scarlet mallow	<i>Sphaeralcea coccinea</i> (Nutt.) Rydb.
Scentless chamomile*	<i>Tripleurospermum inodorum</i> (L.) Sch.Bip.
Scouler's popcornflower*	<i>Plagiobothrys scouleri</i> (Hook. & Arn.) I.M. Johnst.
Scouring-rush*	<i>Equisetum hyemale</i> L.
Sedge species*	<i>Carex</i> spp.
Shepherd's-purse*	<i>Capsella bursa-pastoris</i> (L.) Medik.
Short-awned foxtail	<i>Alopecurus aequalis</i> Sobol.
Showy milkweed (may include common milkweed)	<i>Asclepias speciosa</i> Torr.
Siberian elm*	<i>Ulmus pumila</i> L.
Silver-leaved Indian breadroot*	<i>Pediomelum argophyllum</i> (Pursh) J. W. Grimes
Silverweed	<i>Potentilla anserina</i> L.
Skeletonweed*	<i>Lygodesmia juncea</i> (Pursh) D. Don ex Hook.
Slough grass*	<i>Beckmannia syzigachne</i> (Steud.) Fernald
Small alyssum	<i>Alyssum alyssoides</i> (L.) L.
Small bugloss*	<i>Anchusa arvensis</i> (L.) M. Bieb.
Small-flowered prairie-rocket	<i>Erysimum inconspicuum</i> (S. Watson) MacMill.
Small-leaved lamb's-quarters*	<i>Chenopodium desiccatum</i> A. Nelson
Small-seeded false flax*	<i>Camelina microcarpa</i> Andr. ex DC.
Smooth brome* (may include other perennial brome species)	<i>Bromus inermis</i> Leyss.
Soybean*	<i>Glycine max</i> (L.) Merr.
Spear-leaved goosefoot*	<i>Monolepis nuttalliana</i> (Schult.) Greene
Spike-rush species*	<i>Eleocharis</i> spp.
Spiny annual sow-thistle*	<i>Sonchus asper</i> (L.) Hill
Spiny ironplant	<i>Xanthisma spinulosum</i> (Pursh) D. R. Morgan & R. L. Hartm. var. <i>spinulosum</i>
Spreading atriplex (reported with <i>Atriplex</i> species)	<i>Atriplex patula</i> L.
Spreading dogbane (may include hemp dogbane)	<i>Apocynum androsaemifolium</i> L.
Stinkweed*	<i>Thlaspi arvense</i> L.
Stork's-bill*	<i>Erodium cicutarium</i> (L.) L'Hér. ex Aiton
Striate knotweed*	<i>Polygonum achoreum</i> S.F. Blake
Sunflower species*	<i>Helianthus</i> spp.
Tall buttercup	<i>Ranunculus acris</i> L.
Tall hedge mustard*	<i>Sisymbrium loeselii</i> L.
Tansy*	<i>Tanacetum vulgare</i> L.
Tartary buckwheat (includes buckwheat)	<i>Fagopyrum tataricum</i> (L.) Gaertn.
Thyme-leaved sandwort*	<i>Arenaria serpyllifolia</i> L.
Thyme-leaved spurge* (reported with annual spurge species)	<i>Euphorbia serpyllifolia</i> Pers.
Timothy	<i>Phleum pratense</i> L.
Toad rush*	<i>Juncus bufonius</i> L.
Tufted vetch* (reported with American vetch)	<i>Vicia cracca</i> L.
Tumble mustard*	<i>Sisymbrium altissimum</i> L.
Tumble pigweed*	<i>Amaranthus albus</i> L.
Upright prairie coneflower	<i>Ratibida columnifera</i> (Nutt.) Wooton & Standl.
Vervain species	<i>Verbena</i> spp.
Vetchling species*	<i>Lathyrus</i> spp.

(Table continued on next page)

*Found in 2014/15 survey

Table 3. Common and scientific names of plants that appear in this report (*continued*)

Common Name	Scientific Name
Water horsetail*	<i>Equisetum fluviatile</i> L.
Water smartweed*	<i>Persicaria amphibia</i> var. <i>stipulacea</i> (N. Coleman) H. Hara
Western barnyard grass* (reported with barnyard grass species)	<i>Echinochloa muricata</i> (P. Beauv.) Fernald var. <i>microstachya</i> Wiegand
Western bluebur* (reported with with bluebur)	<i>Lappula occidentalis</i> (S. Watson) Greene
Western marsh cudweed* (reported with low cudweed)	<i>Gnaphalium palustre</i> Nutt.
Western sea-blight	<i>Suaeda calceoliformis</i> (Hook.) Moq.
Western snowberry	<i>Symphoricarpos occidentalis</i> Hook.
Western wheat grass	<i>Pascopyrum smithii</i> (Rydb.) Barkworth & D.R. Dewey
Wheat* (includes durum)	<i>Triticum aestivum</i> L.
White clover* (reported with clover species)	<i>Trifolium repens</i> L.
White cockle*	<i>Silene latifolia</i> Poir.
White mustard*	<i>Sinapis alba</i> L.
White sweet-clover* (reported with yellow sweet-clover)	<i>Melilotus albus</i> Medik.
Wild buckwheat*	<i>Fallopia convolvulus</i> (L.) Á. Löve
Wild licorice*	<i>Glycyrrhiza lepidota</i> Pursh
Wild mustard*	<i>Sinapis arvensis</i> L.
Wild oats*	<i>Avena fatua</i> L.
Wild parsnip	<i>Pastinaca sativa</i> L.
Wild tomato*	<i>Solanum triflorum</i> Nutt.
Willow species*	<i>Salix</i> spp.
Willow-leaved dock* (reported with dock species)	<i>Rumex triangulivalvis</i> (Danser) Rech. f.
Witch grass*	<i>Panicum capillare</i> L.
Wood whitlow-grass*	<i>Draba nemorosa</i> L.
Wormseed mustard*	<i>Erysimum cheiranthoides</i> L.
Yellow foxtail*	<i>Setaria pumila</i> (Poir.) Roem. & Schult.
Yellow sweet-clover* (includes white sweet-clover)	<i>Melilotus officinalis</i> (L.) Lam.
Yellow toadflax*	<i>Linaria vulgaris</i> Mill.

*Found in 2014/15 survey

Data Analysis

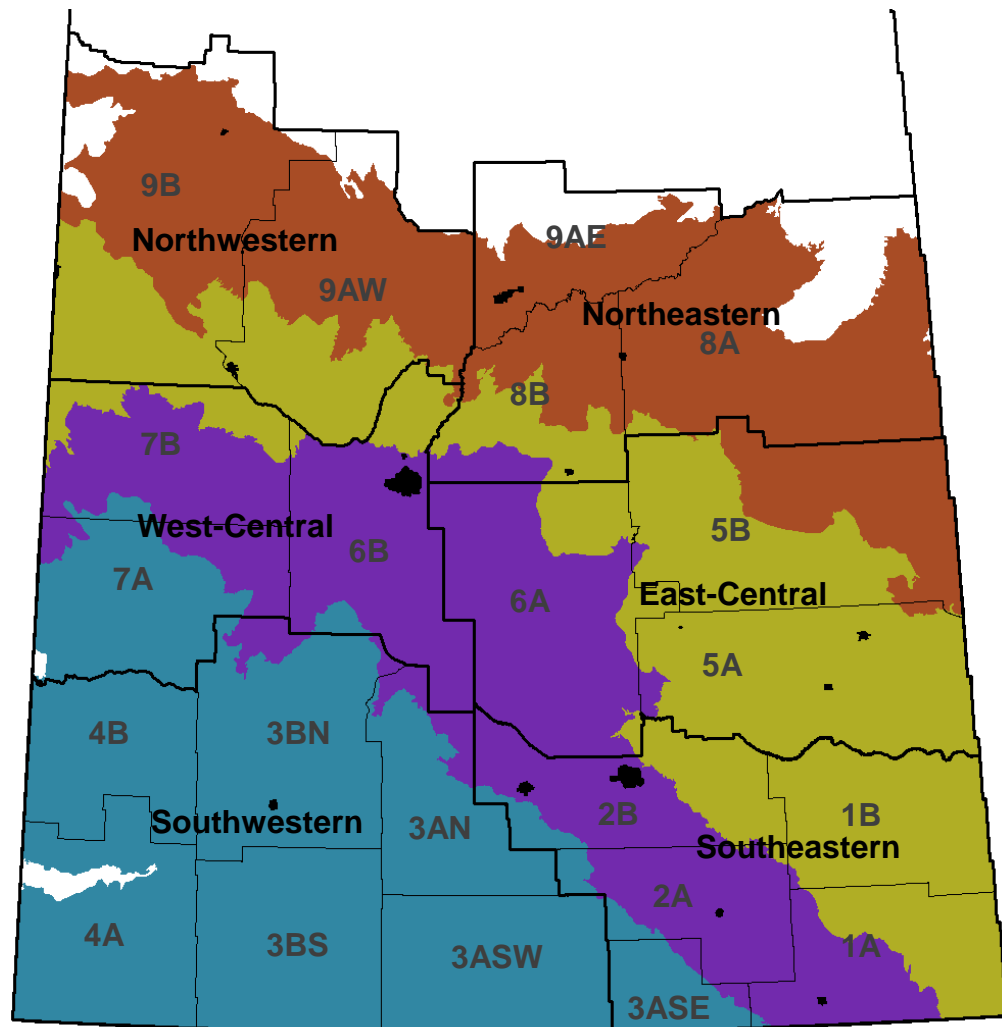
Weed count data on field sheets were numerically coded, entered into computer files, and verified. Data were processed in Microsoft® Excel and summary tables were produced following the standard format used in previous Weed Survey Series Reports.

For the first time in a Saskatchewan Weed Survey Report, all data were weighted to account for sites not surveyed. The field weights were calculated by taking the ratio of the expected number of fields in the ecodistrict to the number of fields surveyed in the ecodistrict (see stratification of sites). To account for ecodistricts without any surveyed sites, weights were multiplied by the ratio of the expected number of fields within the ecoregion to the number of fields surveyed within the ecoregion. Previous survey data was also weighted based on the 2011 Census of Agriculture to allow meaningful comparisons to the 2014/15 data.

The median density, mean density, mean number of species per field and percentage of weed free quadrats were calculated for each crop, ecoregion, crop district and region based on the weighted data. Standard errors were calculated for the means and percentage of weed free quadrats.

Weed data were summarized in tables using ecological, agronomic, and jurisdictional variables including ecoregion (Figure 1), crop, Crop District (Figure 5) and Crop Reporting Area (Figure 5). A minimum of ten sites was set to allow meaningful summarization. Where these minima were not reached for a crop, a summary table was not provided, but data were retained in other appropriate summaries. For example, a separate summary table for flax in the Boreal

Transition Ecoregion was not provided; however, the fields were included in the appropriate overall summaries for areas and provincial flax summaries. Geographic areas (ecoregions and ecodistricts) with fewer fields than required were combined with adjacent areas.



Area included in summaries of:

■ Boreal Transition
 ■ Aspen Parkland
 ■ Moist Mixed Grassland
 ■ Mixed Grassland

Figure 5. Crop Districts and Crop Reporting Areas ²⁷ included in the weed survey. Thin lines are Crop District Boundaries and thick lines are Crop Reporting Area boundaries.

The geographic distribution of 35 frequently occurring species is presented in maps produced with ArcMap GIS 10.2 from Environmental Systems Research Institute, Inc.. Inverse Distance Weighting was used to estimate frequency of the species by interpolating presence/absence data. The interpolation included all sites within used a fixed radius of 0.2° (approximately 22 km) extended if necessary to include a minimum of twenty sites. The sites were given a weight of inverse of the square root of the distance to the interpolated point. The data presented is smoothed using nearest neighbour focal statistics, based on the means within a four cell radius. The maps of volunteer crops (canola and wheat) do not include fields planted to the volunteer crop. Additionally, separate maps were made to show the current

²⁷ **Saskatchewan Ministry of Agriculture.** 2015. Crop Report. [Online] Available: <http://www.agriculture.gov.sk.ca/crop-report> [11 February 2016].

distribution of western barnyard grass, barnyard grass, ridge-seeded spurge and thyme-leaved spurge. Barnyard grass species and annual spurge species were not identified to the species level in previous surveys; therefore, historical data is only presented at the genus level.

Data were summarized using seven quantitative variables. Details for the calculation of these variables are described elsewhere²⁸.

Frequency. The number of fields in which a particular species occurred, expressed as a percentage of the total number of fields surveyed in groups such as crops or ecoregions, and in the province.

Field uniformity (all fields). The number of quadrats in which a particular species occurred, expressed as a percentage of all the quadrats surveyed in groups such as crops or ecoregions, and in the province (20 per field multiplied by the number of fields).

Field uniformity (occurrence fields). The number of quadrats in which a particular species occurred, expressed as a percentage of the number of quadrats in groups such as crops or ecoregions, and in the province for the occurrence fields only (20 per field multiplied by the number of fields in which the species occurred).

Field density (all fields). A measure of the number of plants of a species counted in a square metre. The density values for each species in a single field are averaged over all fields surveyed in groups such as crops, ecoregions, and in the province.

Field density (occurrence fields). A measure of the number of plants of each species counted in a square metre. The density values for each species in a single field are averaged over only the fields in which the weed occurred in groups such as crops or ecoregions, and in the province.

High density. The highest field density values recorded for a species in groups such as in groups such as crops or ecoregions, and in the province.

Relative abundance. A combination of the frequency, field uniformity (all fields) and field density (all fields) values for each species.

Relative frequency for a species (RF) is the frequency value for a species divided by the sum of frequency values for all species, expressed as a percentage.

Relative field uniformity (all fields) for a species (RU) is the field uniformity value for a species divided by the sum of field uniformity values for all species, expressed as a percentage.

Relative field density (all fields) for a species (RD) is the field density value for a species divided by the sum of field density values for all species, expressed as a percentage.

Relative abundance for a species = RF + RU + RD. The total of the relative abundance values for all species equals 300. This measure was used to rank the species in the field survey summary tables. This calculation assumed that the frequency, field uniformity and field density measures were equally important in estimating the abundance of a species. Relative abundance has no units attached to it, but the value for one species can be compared with the value of another species. For example, if green foxtail has a value of 36 and wild buckwheat 18, then green foxtail is twice as abundant as wild buckwheat. Relative abundance does not necessarily relate to the competitive ability of the species. A species may have a high relative abundance value but not be very competitive.

²⁸ **Thomas, A. G.** 1985. Weed survey system used in Saskatchewan for cereal and oilseed crops. *Weed Science* 33: 34-43.

Guide to the Use of the Field Survey Summary Tables

For the purposes of illustration, the meaning of the variables is explained for the species green foxtail in the provincial summary table (Table 5). A **frequency** of 41.3% means that green foxtail occurred at least once in 926 of the 2242 fields surveyed. This variable estimates the geographic extent of the weed.

Field uniformity shows the proportion of quadrats (20 per field) in which the species occurred. In the example, the value for **all field uniformity** means that green foxtail occurred in 19.6% of the quadrats surveyed. This variable can be used as an estimate of the area occupied by a weed. The **occurrence field uniformity** value means that green foxtail was present in 47.5% of the quadrats when considering only the 926 occurrence fields.

Three density variables are included in the tables. Green foxtail had an **occurrence field density** of 26.6 plants per square metre and an **all field density** of 11.0 plants per square metre. The density for fields in which the species occurred is always equal to or higher than the density for all the fields in the summary. The **maximum density** shows that at least one field had a density of 646.6 green foxtail plants per square metre.

The final column shows the abundance of each species surveyed relative to each other. Values in this column add up to 300. **Relative abundance** is derived from the values of the frequency, field uniformity (all fields) and density (all fields) variables. The relative abundance variable is used for ranking species such as green foxtail and wild oats. Because the all field density and all field uniformity value of green foxtail is larger than that for wild oats, green foxtail is ranked higher, even though wild oats has a higher frequency. The relative abundance value of 42.9 for green foxtail is higher than the value of 24.9 for wild oats.

Limitations, Constraints and Biases

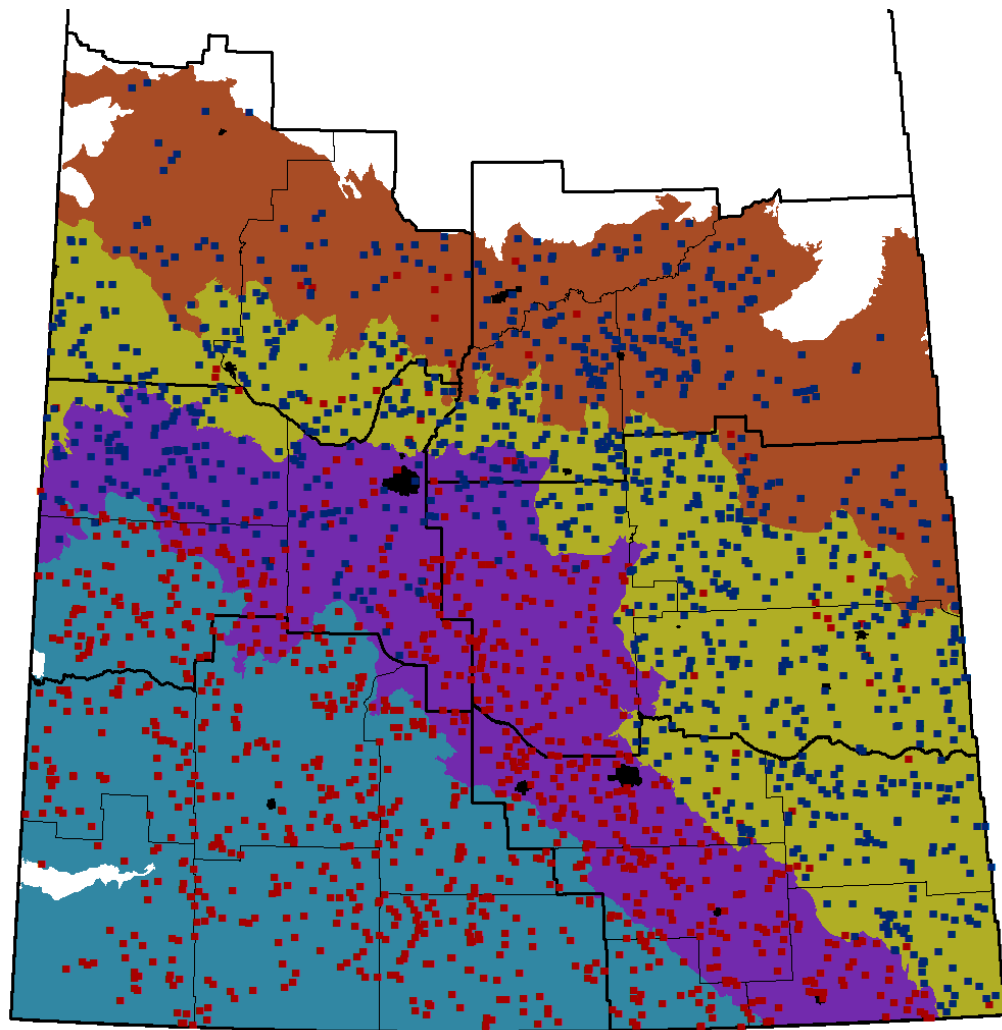
The survey was initially planned to be completed in 2014. However, only 1123 sites the Boreal Transition, Aspen Parkland and western areas of the Moist Mixed Grassland Ecoregions were completed (Figure 6). 1023 sites in the remainder of the province were surveyed in 2015. Also, 96 sites were surveyed in 2015 within the area surveyed in 2014. The results in this report provide a ‘snapshot’ of the size and extent of weed populations in agricultural ecoregions at the time of the survey. It might be argued that neither survey year was indicative of a typical year throughout Saskatchewan as the majority of the province had high precipitation in comparison with historic levels in 2014 and low precipitation in comparison with historic levels in 2015²⁹. In 2014, the entire province had above normal precipitation during the growing season, and much of the surveyed area had over 150% of average precipitation during this period. In 2015, almost the entire survey area had lower than average precipitation leading up to the start of the survey. The western and south-eastern portions of the surveyed area had low precipitation during the growing season, extending until August. Precipitation in July and early August led to mid to high levels of precipitation in the remainder of the province. Differences in precipitation and temperature may favour some weeds over others, or may result in higher or lower weed numbers in some areas than usual for the period as a whole. Consequently, only dramatic or consistent trends in the weed data are considered to be important. Minor fluctuations may result from simple year-to-year variation.

The survey protocol has been designed to reduce bias in sampling, and to obtain objective information on the weed flora that remains after control practices have been used by the producer. In the development of the protocol, several constraints were placed on the eligibility of areas and fields for inclusion in the survey. The survey covers the main area of agriculture in the province. Only the major agricultural crops were considered. Other crops may have different weed floras. Fields were only surveyed if they were accessible by road, and if the producers were willing to cooperate. These constraints will have altered the spectrum of fields slightly from a completely random sample.

For a variety of reasons, some sites on the final list are different from those on the stratified random list developed initially. When surveyors went to the field, they were given a list of preselected and qualified sites. Sometimes mistakes were made, and the legal description given was not in an appropriate crop, sufficiently accessible, or in another way not

²⁹ **National Agroclimate Information Service (NAIS)**. Precipitation compared to historical distribution (Prairie Region) April 1 to August 16, 2010 [Online] Available: <http://www4.agr.gc.ca/DW-GS/historical-historiques.aspx?lang=eng&jsEnabled=true> [11 February 2016]

a legitimate site. In this instance, the surveyor made an alternative selection, usually in the immediate vicinity. Sometimes the alternate selections were in different ecodistricts. In eleven cases, the field was planted to mixtures of the selected crops.



Area included in summaries of:

■ Boreal Transition ■ Aspen Parkland ■ Moist Mixed Grassland ■ Mixed Grassland

Figure 6. Locations of surveyed fields in each year. Blue squares indicate fields surveyed in 2014 and red squares indicate fields surveyed in 2015.

The distribution of the fields amongst the surveyed crops differs slightly from expected based on original estimates (Table 2). This may be expected as the survey was extended over a two year period. When compared to 2014 seeded area³⁰, the survey included a slightly higher proportion of oat and barley fields and slightly lower number of pea and canola fields than expected.

Only a small portion of each field was surveyed. This portion intentionally did not include sloughs, field edges, shelterbelts, etc. It also did not extend into the less accessible areas of the field. This may limit the representation of some species, such as foxtail barley, that are found more commonly near saline sloughs, or smooth brome grass that is

³⁰ **Statistics Canada.** Table 001-0010 - Estimated areas, yield, production and average farm price of principal field crops, in metric units, annual, CANSIM (database). [accessed: February 16, 2016].

Methodology – Limitations

often found near field margins. The small area in the field was sufficient to illustrate the distribution of major species and minor species that might be important to agriculture. This level of sampling is not sufficient to give an exhaustive list of the flora, or to illustrate the distribution of rare species.

The identification of some weed species is difficult in the field. Surveyors were asked to send in samples to confirm identification. However, in some cases, good samples were not available. Generally, the identification and counts by the field surveyors were used without alteration, if identifiable samples were not available. Species which require mature specimens to identify (thyme-leaved spurge and ridge-seed spurge, western barnyard grass and barnyard grass, Japanese and downy brome, dock species) were combined in field summary tables. Combining these species allowed direct comparison with data from previous surveys.

It can be challenging to identify volunteers within the same crop. Therefore, volunteers are likely underestimated in area summaries and summaries of the same crop.

The weed survey recorded the numbers of individuals of each species. It does not show the vigour, the biomass or the competitive ability of the plants found in the field. The survey shows what was present, not its effect on the crop. In the survey analysis, all species are considered separately. The complex interrelationships among species have not been considered. This will be the subject of later analyses. Relationships between species and farm management practices will be considered in a further publication in this series. The relationships between species and field variables (for instance, distribution patterns in the field) are not considered.



List of Summary Tables in Part IV

Table No.

Province and Crop

5	Number of fields surveyed, density, species richness and weed-free quadrats in the surveyed crops	29
6	Annual crops in Saskatchewan	30
7	Spring wheat in Saskatchewan	34
8	Durum in Saskatchewan	37
9	Barley in Saskatchewan	39
10	Oat in Saskatchewan	41
11	Canola in Saskatchewan	43
12	Flax in Saskatchewan	46
13	Mustard in Saskatchewan	48
14	Lentil in Saskatchewan	49
15	Pea in Saskatchewan	51
16	Mixed crops in Saskatchewan	53

Ecoregion and Crop

17	Number of fields surveyed for each crop in each ecoregion	54
18	Density, species richness and weed-free quadrats in the surveyed crops in each ecoregion.....	54
19	Annual crops in the Boreal Transition Ecoregion	55
20	Spring wheat in the Boreal Transition Ecoregion	57
21	Barley in the Boreal Transition Ecoregion	59
22	Oat in the Boreal Transition Ecoregion	60
23	Canola in the Boreal Transition Ecoregion	62
24	Annual crops in the Aspen Parkland Ecoregion	64
25	Spring wheat in the Aspen Parkland Ecoregion	67
26	Barley in the Aspen Parkland Ecoregion	69
27	Oat in the Aspen Parkland Ecoregion	71
28	Canola in the Aspen Parkland Ecoregion	73
29	Flax in the Aspen Parkland Ecoregion	75
30	Pea in the Aspen Parkland Ecoregion	76
31	Annual crops in the Moist Mixed Grassland Ecoregion	77
32	Spring wheat in the Moist Mixed Grassland Ecoregion	80
33	Durum in the Moist Mixed Grassland Ecoregion	82
34	Barley in the Moist Mixed Grassland Ecoregion	83
35	Oat in the Moist Mixed Grassland Ecoregion	85
36	Canola in the Moist Mixed Grassland Ecoregion	87
37	Flax in the Moist Mixed Grassland Ecoregion	89
38	Lentil in the Moist Mixed Grassland Ecoregion	90
39	Pea in the Moist Mixed Grassland Ecoregion	92
40	Annual crops in the Mixed Grassland Ecoregion	94
41	Spring wheat in the Mixed Grassland Ecoregion	96
42	Durum in the Mixed Grassland Ecoregion	97
43	Barley in the Mixed Grassland Ecoregion	99
44	Oat in the Mixed Grassland Ecoregion	100
45	Canola in the Mixed Grassland Ecoregion	101
46	Flax in the Mixed Grassland Ecoregion	102
47	Mustard in the Mixed Grassland Ecoregion	103
48	Lentil in the Mixed Grassland Ecoregion	104
49	Pea in the Mixed Grassland Ecoregion	105

Field Survey Summary Tables – List of Tables

Crop Reporting Area and Crop

50	Number of fields surveyed for each crop in each crop reporting area.....	106
51	Density, species richness and weed-free quadrats in the surveyed crops in each crop reporting area.....	107
52	Annual crops in Northwestem Saskatchewan	108
53	Spring wheat in Northwestem Saskatchewan	110
54	Barley in Northwestem Saskatchewan	112
55	Oat in Northwestem Saskatchewan	114
56	Canola in Northwestem Saskatchewan	115
57	Annual crops in Northeastern Saskatchewan	117
58	Spring wheat in Northeastern Saskatchewan	119
59	Barley in Northeastern Saskatchewan	121
60	Oat in Northeastern Saskatchewan	122
61	Canola in Northeastem Saskatchewan	124
62	Annual crops in West-Central Saskatchewan	126
63	Spring wheat in West-Central Saskatchewan	128
64	Durum in West-Central Saskatchewan	130
65	Barley in West-Central Saskatchewan	131
66	Canola in West-Central Saskatchewan	132
67	Lentil in West-Central Saskatchewan	134
68	Pea in West-Central Saskatchewan	135
69	Annual crops in East-Central Saskatchewan	136
70	Spring wheat in East-Central Saskatchewan	138
71	Durum in East-Central Saskatchewan	140
72	Barley in East-Central Saskatchewan	141
73	Oat in East-Central Saskatchewan	143
74	Canola in East-Central Saskatchewan	145
75	Flax in East-Central Saskatchewan	147
76	Lentil in East-Central Saskatchewan	148
77	Pea in East-Central Saskatchewan	149
78	Annual crops in Southwestem Saskatchewan	150
79	Spring wheat in Southwestem Saskatchewan	152
80	Durum in Southwestem Saskatchewan	153
81	Barley in Southwestem Saskatchewan	155
82	Oat in Southwestem Saskatchewan	156
83	Canola in Southwestem Saskatchewan	157
84	Flax in Southwestem Saskatchewan	158
85	Mustard in Southwestern Saskatchewan	159
86	Lentil in Southwestern Saskatchewan	160
87	Pea in Southwestem Saskatchewan	161
88	Annual crops in Southeastern Saskatchewan	162
89	Spring wheat in Southeastern Saskatchewan	165
90	Durum in Southeastem Saskatchewan	167
91	Barley in Southeastern Saskatchewan	168
92	Oat in Southeastern Saskatchewan	169
93	Canola in Southeastem Saskatchewan	171
94	Flax in Southeastern Saskatchewan	173
95	Lentil in Southeastem Saskatchewan	174
96	Pea in Southeastern Saskatchewan	175

Crop District and Crop

97	Number of fields surveyed for each crop in each crop district.....	176
98	Density, species richness and weed-free quadrats in the surveyed crops in each crop district.....	177
99	Annual crops in Crop District 1A in Southeastern Saskatchewan	179
100	Spring wheat in Crop District 1A in Southeastern Saskatchewan	181
101	Canola in Crop District 1A in Southeastem Saskatchewan	182
102	Annual crops in Crop District 1B in Southeastern Saskatchewan	183

103	Spring wheat in Crop District 1B in Southeastern Saskatchewan	185
104	Oat in Crop District 1B in Southeastern Saskatchewan	186
105	Canola in Crop District 1B in Southeastern Saskatchewan	187
106	Annual crops in Crop District 2A in Southeastern Saskatchewan	188
107	Spring wheat in Crop District 2A in Southeastern Saskatchewan	189
108	Durum in Crop District 2A in Southeastern Saskatchewan	190
109	Canola in Crop District 2A in Southeastern Saskatchewan	191
110	Lentil in Crop District 2A in Southeastern Saskatchewan	192
111	Annual crops in Crop District 2B in Southeastern Saskatchewan	193
112	Spring wheat in Crop District 2B in Southeastern Saskatchewan	195
113	Durum in Crop District 2B in Southeastern Saskatchewan	196
114	Canola in Crop District 2B in Southeastern Saskatchewan	197
115	Flax in Crop District 2B in Southeastern Saskatchewan	198
116	Lentil in Crop District 2B in Southeastern Saskatchewan	199
117	Annual crops in Crop District 3AN in Southwestern Saskatchewan	200
118	Spring wheat in Crop District 3AN in Southwestern Saskatchewan	201
119	Durum in Crop District 3AN in Southwestern Saskatchewan	202
120	Canola in Crop District 3AN in Southwestern Saskatchewan	203
121	Lentil in Crop District 3AN in Southwestern Saskatchewan	204
122	Annual crops in Crop District 3ASE in Southeastern Saskatchewan	205
123	Durum in Crop District 3ASE in Southeastern Saskatchewan	206
124	Annual crops in Crop District 3ASW in Southwestern Saskatchewan	207
125	Spring wheat in Crop District 3ASW in Southwestern Saskatchewan	209
126	Durum in Crop District 3ASW in Southwestern Saskatchewan	210
127	Canola in Crop District 3ASW in Southwestern Saskatchewan	211
128	Pea in Crop District 3ASW in Southwestern Saskatchewan	212
129	Annual crops in Crop District 3BS in Southwestern Saskatchewan	213
130	Durum in Crop District 3BS in Southwestern Saskatchewan	214
131	Lentil in Crop District 3BS in Southwestern Saskatchewan	215
132	Annual crops in Crop District 3BN in Southwestern Saskatchewan	216
133	Durum in Crop District 3BN in Southwestern Saskatchewan	218
134	Canola in Crop District 3BN in Southwestern Saskatchewan	219
135	Lentil in Crop District 3BN in Southwestern Saskatchewan	220
136	Annual crops in Crop District 4A in Southwestern Saskatchewan	221
137	Durum in Crop District 4A in Southwestern Saskatchewan	222
138	Annual crops in Crop District 4B in Southwestern Saskatchewan	223
139	Durum in Crop District 4B in Southwestern Saskatchewan	224
140	Lentil in Crop District 4B in Southwestern Saskatchewan	225
141	Annual crops in Crop District 5A in East-Central Saskatchewan	226
142	Spring wheat in Crop District 5A in East-Central Saskatchewan	228
143	Barley in Crop District 5A in East-Central Saskatchewan	229
144	Oat in Crop District 5A in East-Central Saskatchewan	230
145	Canola in Crop District 5A in East-Central Saskatchewan	231
146	Annual crops in Crop District 5B in East-Central Saskatchewan	233
147	Spring wheat in Crop District 5B in East-Central Saskatchewan	235
148	Barley in Crop District 5B in East-Central Saskatchewan	236
149	Oat in Crop District 5B in East-Central Saskatchewan	237
150	Canola in Crop District 5B in East-Central Saskatchewan	238
151	Annual crops in Crop District 6A in East-Central Saskatchewan	240
152	Spring wheat in Crop District 6A in East-Central Saskatchewan	242
153	Durum in Crop District 6A in East-Central Saskatchewan	244
154	Barley in Crop District 6A in East-Central Saskatchewan	245
155	Oat in Crop District 6A in East-Central Saskatchewan	246
156	Canola in Crop District 6A in East-Central Saskatchewan	247
157	Lentil in Crop District 6A in East-Central Saskatchewan	249
158	Annual crops in Crop District 6B in West-Central Saskatchewan	250

Field Survey Summary Tables – List of Tables

159	Spring wheat in Crop District 6B in West-Central Saskatchewan	252
160	Barley in Crop District 6B in West-Central Saskatchewan	254
161	Canola in Crop District 6B in West-Central Saskatchewan	255
162	Lentil in Crop District 6B in West-Central Saskatchewan	257
163	Pea in Crop District 6B in West-Central Saskatchewan	258
164	Annual crops in Crop District 7A in West-Central Saskatchewan	259
165	Spring wheat in Crop District 7A in West-Central Saskatchewan	260
166	Durum in Crop District 7A in West-Central Saskatchewan	261
167	Canola in Crop District 7A in West-Central Saskatchewan	262
168	Lentil in Crop District 7A in West-Central Saskatchewan	263
169	Annual crops in Crop District 7B in West-Central Saskatchewan	264
170	Spring wheat in Crop District 7B in West-Central Saskatchewan	266
171	Canola in Crop District 7B in West-Central Saskatchewan	268
172	Pea in Crop District 7B in West-Central Saskatchewan	270
173	Annual crops in Crop District 8A in Northeastern Saskatchewan	271
174	Spring wheat in Crop District 8A in Northeastern Saskatchewan	273
175	Barley in Crop District 8A in Northeastern Saskatchewan	274
176	Canola in Crop District 8A in Northeastern Saskatchewan	275
177	Annual crops in Crop District 8B in Northeastern Saskatchewan	276
178	Spring wheat in Crop District 8B in Northeastern Saskatchewan	278
179	Barley in Crop District 8B in Northeastern Saskatchewan	280
180	Oat in Crop District 8B in Northeastern Saskatchewan	281
181	Canola in Crop District 8B in Northeastern Saskatchewan	282
182	Annual crops in Crop District 9AE in Northeastern Saskatchewan	284
183	Spring wheat in Crop District 9AE in Northeastern Saskatchewan	286
184	Canola in Crop District 9AE in Northeastern Saskatchewan	287
185	Annual crops in Crop District 9AW in Northwestern Saskatchewan	288
186	Spring wheat in Crop District 9AW in Northwestern Saskatchewan	290
187	Barley in Crop District 9AW in Northwestern Saskatchewan	292
188	Canola in Crop District 9AW in Northwestern Saskatchewan	293
189	Annual crops in Crop District 9B in Northwestern Saskatchewan	295
190	Spring wheat in Crop District 9B in Northwestern Saskatchewan	297
191	Barley in Crop District 9B in Northwestern Saskatchewan	298
192	Canola in Crop District 9B in Northwestern Saskatchewan	299

Previous Surveys

193	Number of fields surveyed, density, species richness and weed-free quadrats by decade.....	301
194	Annual crops in Saskatchewan in 2003	302
195	Annual crops in Saskatchewan in 1995	305
196	Annual crops in Saskatchewan in 1986.....	308
197	Annual crops in Saskatchewan in 1976-79.....	311



Residual Weed Population Shifts in Saskatchewan – 1976 to 2015

Abstract for Poster Presented at Canadian Weed Science Society Annual Meeting, November 23 -26, 2015

The comparison of the relative abundance of weeds in Saskatchewan in 2014 and 2015 with results from previous provincial surveys enables the identification of recent shifts in species ranks, life form density and relative abundance. In 2014 and 2015, a total of 2242 fields of spring wheat, barley, durum, oat, canola, flax, mustard, lentil and pea were surveyed. The Parkland area was primarily surveyed in 2014, and the Grasslands in 2015. These fields were selected using a stratified random sampling procedure based on ecodistricts. In each field, weeds were counted in 20 quadrats (50 by 50 cm) in late summer. Weed data are summarized using a relative abundance index based on frequency, field uniformity and density. Green foxtail (*Setaria viridis* (L.) P. Beauv.) was the most abundant weed, wild oats (*Avena fatua* L.) ranked second, wild buckwheat (*Fallopia convolvulus* (L.) Á.Löve) third and canola (*Brassica napus* L.) fourth. The results from the 2014-2015 survey are compared to results from surveys of 2046 fields in 2003, 1178 fields in 1995, 1149 fields in 1986 and 4423 fields in 1976-1979. Eight species have been ranked amongst the top 20 most abundant species in each survey. Thirteen species are declining. Seven of these species had previously been identified as declining: rose (*Rosa* spp.), bluebur (*Lappula squarrosa* (Retz.) Dumort.), cow cockle (*Vaccaria hispanica* (Mill.) Rauschert), prostrate pigweed (*Amaranthus blitoides* S. Watson), flixweed (*Descurainia sophia* (L.) Webb ex Prantl), night-flowering catchfly (*Silene noctiflora* L.) and pale smartweed (*Persicaria lapathifolia* (L.) Delarbre). Six species are newly identified as declining: Persian darnel (*Lolium persicum* Boiss. & Hohen. ex Boiss.), Russian thistle (*Salsola tragus* L.), redroot pigweed (*Amaranthus retroflexus* L.), wild mustard (*Sinapis arvensis* L.), quack grass (*Elymus repens* (L.) Gould) and field horsetail (*Equisetum arvense* L.). Since the 1970's five species have steadily increased: spiny annual sow-thistle (*Sonchus asper* (L.) Hill), false cleavers (*Galium spurium* L.), barnyard grass species (*Echinochloa* spp.), round-leaved mallow (*Malva pusilla* Sm.), canola (*Brassica napus* L.) and wheat (*Triticum* spp.). Since the 1980's three species have consistently increased: foxtail barley (*Hordeum jubatum* L.), dandelion (*Taraxacum officinale* F. H. Wigg.) and narrow-leaved hawk's-beard (*Crepis tectorum* L.). Low cudweed (*Gnaphalium uliginosum* L.), broad-leaved plantain (*Plantago major* L.) and Northern willowherb (*Epilobium ciliatum* Raf.), appeared in the top 25 in the most recent survey, likely attributable to the wet weather in 2014. Relative abundance of annual grass has decreased since the 1970s, while relative abundance of perennials and facultative winter annuals has increased since 2003. The densities of all life forms were higher 2014/2015 than in 2003, likely due to the wet conditions in 2014.

Field Survey Summary Tables – Density, Species Richness and Weed-Free Quadrats by Crop

Table 5. Number of fields surveyed, density, species richness and weed-free quadrats in the surveyed crops in Saskatchewan

Crop	Number of fields surveyed	Density (number/m ²)			Species (number/field)		Weed-free quadrats	
		mean	SE	median	mean	SE	%	SE
Spring wheat	557	54.5	3.9	26.2	7.8	0.2	19.9	1.7
Durum	286	27.1	3.6	4.8	3.7	0.2	50.5	3.0
Barley	169	62.1	8.1	25.0	7.8	0.3	17.7	2.9
Oat	127	74.2	10.8	25.6	7.9	0.4	19.8	3.5
Canola	653	34.4	2.1	16.5	7.5	0.2	24.1	1.7
Flax	93	25.5	3.8	13.9	6.9	0.4	26.8	4.6
Mustard	20	35.8	12.0	5.3	5.1	0.7	40.0	11.0
Lentil	199	23.3	3.5	5.5	4.5	0.2	45.1	3.5
Pea	127	36.4	4.6	17.6	7.0	0.4	30.3	4.1
Mixed crops	11	158.8	42.6	105.5	11.0	1.5	6.5	7.4
Saskatchewan	2242	42.1	1.6	16.4	6.8	0.1	28.1	0.9

Field Survey Summary Tables – Annual Crops

Table 6. 2014/15 Annual crops in Saskatchewan (2242 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	41.3	19.6	47.5	11.0	26.6	646.6	43.0
2	Wild oats	45.7	16.6	36.3	3.8	8.3	168.4	24.9
3	Wild buckwheat	60.0	19.0	31.7	2.0	3.3	56.8	24.0
4	Canola/rapeseed	37.1	14.2	38.2	3.3	9.0	296.2	21.2
5	Canada thistle	37.4	7.0	18.6	0.7	1.9	29.4	11.0
6	Spiny annual sow-thistle	24.4	6.7	27.4	1.4	5.8	545.2	10.6
7	False cleavers	23.7	7.9	33.1	1.2	5.0	132.4	10.6
8	Lamb's-quarters	29.2	6.6	22.5	1.1	3.7	154.4	10.5
9	Narrow-leaved hawk's-beard	21.2	6.0	28.3	1.5	6.9	216.4	9.9
10	Dandelion	25.9	5.7	22.0	0.6	2.4	110.2	8.4
11	Stinkweed	15.6	4.1	26.6	1.6	10.1	449.8	8.3
12	Barnyard grass species	14.0	3.8	27.3	1.6	11.7	390.6	8.1
13	Wheat	18.2	5.5	30.3	0.8	4.7	108.0	7.7
14	Shepherd's-purse	18.6	4.7	25.3	0.8	4.4	96.8	7.3
15	Kochia	15.1	2.9	19.2	0.4	2.7	128.0	4.8
16	Foxtail barley	13.5	2.7	20.3	0.5	3.6	160.0	4.7
17	Perennial sow-thistle	13.0	2.7	20.7	0.5	3.5	389.8	4.5
18	Chickweed	7.9	2.3	28.7	0.8	10.7	221.8	4.4
19	Low cudweed	7.8	1.9	24.2	0.9	11.0	501.8	4.2
20	Broad-leaved plantain	11.7	2.5	21.0	0.4	3.8	88.0	4.1
21	Wild mustard	7.6	2.5	32.9	0.6	8.6	259.6	4.0
22	Round-leaved mallow	12.3	2.3	18.9	0.2	1.9	28.4	3.6
23	Redroot pigweed	9.2	2.0	21.6	0.4	4.3	139.0	3.4
24	Pale smartweed	10.1	2.0	19.7	0.3	3.1	81.2	3.3
25	Northern willowherb	9.6	1.8	18.9	0.2	2.1	66.2	2.9
26	Flax	3.7	1.7	44.5	0.6	14.8	156.0	2.8
27	Hemp-nettle	7.8	1.6	20.5	0.2	2.6	32.2	2.5
28	Biennial wormwood	8.6	1.4	16.0	0.1	1.7	47.8	2.4
29	Field horsetail	6.1	1.3	20.5	0.3	4.5	77.0	2.2
30	Russian thistle	6.3	1.4	22.4	0.2	3.2	83.6	2.2
31	Night-flowering catchfly	6.2	1.2	19.7	0.2	3.4	71.0	2.1
32	Tumble pigweed	6.5	1.1	16.7	0.2	3.1	176.6	2.0
33	Black medick	5.0	1.2	24.4	0.2	3.9	88.4	1.9
34	Annual spurge species	6.3	1.1	16.9	0.1	1.6	28.6	1.8
35	Annual sow-thistle	3.8	1.1	29.0	0.2	5.5	90.2	1.6
36	Canada fleabane	5.7	0.9	15.8	0.1	1.5	18.6	1.5
37	Prostrate knotweed	5.4	0.7	13.2	0.1	1.2	18.6	1.3
38	Annual brome species	2.3	0.7	28.2	0.2	10.2	140.0	1.3
39	Alfalfa	3.2	0.9	26.5	0.1	3.4	35.0	1.2
40	Purslane speedwell	3.2	0.6	17.2	0.1	3.8	70.2	1.1
41	Stork's-bill	2.6	0.6	25.1	0.1	4.3	42.0	1.0
42	Blue grass species	1.1	0.3	27.7	0.3	23.6	207.2	1.0
43	Barley	2.6	0.6	23.9	0.1	3.4	26.4	0.9
44	Rough cinquefoil	3.5	0.5	14.7	0.1	1.8	41.4	0.9
45	Quack grass	1.5	0.3	20.0	0.2	14.8	271.8	0.9
46	Yellow sweet-clover	1.7	0.5	30.0	0.2	9.8	130.6	0.9
47	Corn spurry	0.6	0.2	34.5	0.3	44.0	276.2	0.9
48	Marsh yellow cress	2.5	0.4	14.6	0.1	3.3	94.6	0.8
49	Willow species	2.8	0.4	15.0	<0.1	1.4	37.4	0.8
50	Flixweed	2.7	0.4	13.1	<0.1	1.3	17.2	0.7
51	Clover species	2.0	0.4	17.7	0.1	2.9	42.6	0.6
52	American vetch	2.7	0.2	7.7	<0.1	0.5	1.8	0.5

(Table continued on next page)

Table 6. 2014/15 Annual crops in Saskatchewan (2242 fields) (continued)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Cow cockle	1.7	0.3	21.1	<0.1	2.7	36.4	0.5
54	Persian damel	1.3	0.3	24.8	0.1	5.7	65.2	0.5
55	Lentil	2.1	0.3	14.4	<0.1	1.0	9.0	0.5
56	Pineappleweed	1.9	0.3	15.2	<0.1	1.4	6.4	0.5
57	Rough hair grass	1.5	0.3	20.4	<0.1	2.4	12.6	0.5
58	Rayless aster	2.0	0.2	11.8	<0.1	0.8	4.8	0.5
59	Dock species	1.8	0.2	11.0	<0.1	0.8	12.8	0.4
60	Pygmyflower	1.7	0.2	13.3	<0.1	1.3	12.2	0.4
61	American dragonhead	1.7	0.2	12.0	<0.1	0.8	6.6	0.4
62	Slough grass	1.1	0.2	19.1	<0.1	4.1	34.8	0.4
63	Prickly lettuce	1.6	0.2	12.1	<0.1	1.0	9.6	0.4
64	Scouring-rush	0.8	0.2	22.3	0.1	8.3	58.8	0.4
65	Golden dock	1.3	0.2	16.1	<0.1	1.8	17.8	0.4
66	Scentless chamomile	1.2	0.2	17.0	<0.1	2.5	17.8	0.4
67	Common groundsel	1.1	0.2	16.7	<0.1	2.7	22.8	0.3
68	Prostrate pigweed	1.4	0.2	13.0	<0.1	1.0	7.2	0.3
69	Oak-leaved goosefoot	1.3	0.2	14.1	<0.1	1.6	9.0	0.3
70	Field violet	0.5	0.2	35.4	0.1	14.2	78.6	0.3
71	Oats	0.6	0.2	36.1	<0.1	7.5	36.0	0.3
72	Common pepper-grass	1.3	0.1	9.7	<0.1	0.5	1.6	0.3
73	Field pea	1.1	0.1	12.8	<0.1	1.2	9.6	0.3
74	Bluebur	1.0	0.1	14.4	<0.1	1.4	14.6	0.3
75	Thyme-leaved sandwort	0.2	0.1	39.2	0.1	33.2	117.0	0.2
76	Purslane	0.7	0.1	10.9	<0.1	2.6	31.6	0.2
77	White mustard	0.3	0.1	50.7	<0.1	13.3	64.2	0.2
78	Goat's-beard	0.9	0.1	10.3	<0.1	0.6	4.0	0.2
79	Absinth	0.6	0.1	10.6	<0.1	1.8	13.6	0.2
80	Canary grass	0.1	0.1	62.0	<0.1	39.9	79.6	0.1
81	Yellow foxtail	0.3	0.1	31.8	<0.1	7.0	43.4	0.1
82	Pennsylvania pellitory	0.1	0.1	75.0	<0.1	33.7	58.0	0.1
83	Meadow brome	0.5	0.1	13.5	<0.1	1.1	4.0	0.1
84	Yellow toadflax	0.4	0.1	17.2	<0.1	1.1	3.4	0.1
85	Dog mustard	0.4	0.1	15.6	<0.1	1.6	8.6	0.1
86	Henbit	0.3	0.1	18.9	<0.1	1.3	5.4	0.1
87	Scouler's popcomflower	0.1	<0.1	41.5	<0.1	15.4	39.4	0.1
88	Wild tomato	0.4	<0.1	9.3	<0.1	0.7	3.6	0.1
89	Poplar species	0.4	<0.1	8.2	<0.1	0.4	1.2	0.1
90	Long-stalked chickweed	0.2	0.1	45.0	<0.1	5.0	11.8	0.1
91	Sunflower species	0.4	<0.1	11.4	<0.1	0.7	3.0	0.1
92	Rose species	0.4	<0.1	8.1	<0.1	0.7	2.2	0.1
93	Wormseed mustard	0.3	<0.1	14.1	<0.1	0.8	3.0	0.1
94	Borage	0.1	0.1	57.5	<0.1	10.7	20.2	0.1
95	Siberian elm	0.4	<0.1	6.9	<0.1	0.4	1.6	0.1
96	Spear-leaved goosefoot	0.3	<0.1	7.5	<0.1	0.7	2.2	0.1
97	Wood whitlow-grass	0.2	<0.1	20.7	<0.1	1.6	3.6	0.1
98	Bicknell's geranium	0.4	<0.1	5.0	<0.1	0.2	0.2	0.1
99	Blue lettuce	0.3	<0.1	7.5	<0.1	0.6	1.4	0.1
100	Tumble mustard	0.3	<0.1	7.2	<0.1	0.3	0.6	0.1
101	Cocklebur	0.2	<0.1	16.2	<0.1	0.9	3.0	0.1
102	Manitoba maple	0.3	<0.1	6.6	<0.1	0.4	1.2	0.1
103	Skeletonweed	0.2	<0.1	14.4	<0.1	0.7	1.6	0.1
104	Cattail	0.3	<0.1	5.0	<0.1	0.4	0.8	<0.1

(Table continued on next page)

Field Survey Summary Tables – Annual Crops

Table 6. 2014/15 Annual crops in Saskatchewan (2242 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
105	Goldenrod species	0.2	< 0.1	5.0	< 0.1	1.0	4.0	< 0.1
106	Proso millet	< 0.1	< 0.1	85.0	< 0.1	28.6	28.6	< 0.1
107	Milk-vetch species	0.2	< 0.1	7.6	< 0.1	0.4	0.8	< 0.1
108	Soybean	0.1	< 0.1	14.9	< 0.1	1.5	3.0	< 0.1
109	Field bindweed	0.1	< 0.1	30.0	< 0.1	2.1	2.4	< 0.1
110	False ragweed	0.1	< 0.1	13.5	< 0.1	1.5	12.6	< 0.1
111	Conoid catchfly	< 0.1	< 0.1	70.0	< 0.1	7.8	7.8	< 0.1
112	Common yellow wood-sorrel	0.1	< 0.1	10.2	< 0.1	0.8	1.2	< 0.1
113	Striate knotweed	0.2	< 0.1	8.5	< 0.1	0.6	1.4	< 0.1
114	Russian pigweed	0.2	< 0.1	7.9	< 0.1	0.3	0.6	< 0.1
115	Chickpea	0.1	< 0.1	55.0	< 0.1	5.0	5.0	< 0.1
116	Garden sorrel	< 0.1	< 0.1	35.0	< 0.1	12.8	12.8	< 0.1
117	Hemp	< 0.1	< 0.1	55.0	< 0.1	5.0	5.0	< 0.1
118	Philadelphia fleabane	0.1	< 0.1	17.5	< 0.1	1.5	1.6	< 0.1
119	Burning nettle	0.1	< 0.1	11.4	< 0.1	0.5	0.8	< 0.1
120	Ball mustard	0.1	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
121	White cockle	0.1	< 0.1	17.4	< 0.1	0.8	1.4	< 0.1
122	Green tansy mustard	0.1	< 0.1	12.9	< 0.1	0.6	1.0	< 0.1
123	Nightshade species	0.1	< 0.1	35.0	< 0.1	3.2	3.2	< 0.1
124	Aster species	0.1	< 0.1	11.4	< 0.1	1.1	2.2	< 0.1
125	Crested wheat grass	0.1	< 0.1	15.8	< 0.1	0.7	1.2	< 0.1
126	Small-leaved lamb's-quarters	0.1	< 0.1	7.5	< 0.1	1.9	3.6	< 0.1
127	Small-seeded false flax	< 0.1	< 0.1	35.0	< 0.1	3.2	3.2	< 0.1
128	Smooth brome	0.1	< 0.1	6.9	< 0.1	1.2	1.6	< 0.1
129	Water smartweed	0.1	< 0.1	7.8	< 0.1	1.4	2.2	< 0.1
130	Pasture sage	0.1	< 0.1	7.6	< 0.1	0.4	0.6	< 0.1
131	Clammy hedge-hyssop	0.1	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
132	Toad rush	0.1	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
133	Beggarticks species	0.1	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
134	Sedge species	0.1	< 0.1	5.0	< 0.1	0.3	0.4	< 0.1
135	Small bugloss	< 0.1	< 0.1	25.0	< 0.1	1.2	1.2	< 0.1
136	Tartary buckwheat	< 0.1	< 0.1	20.0	< 0.1	1.0	1.0	< 0.1
137	Red goosefoot	0.1	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
138	Corn gromwell	< 0.1	< 0.1	10.0	< 0.1	0.8	0.8	< 0.1
139	Wild licorice	< 0.1	< 0.1	10.0	< 0.1	1.4	1.4	< 0.1
140	Timothy	< 0.1	< 0.1	15.0	< 0.1	0.6	0.6	< 0.1
141	Tansy	0.1	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
142	Five-hooked bassia	< 0.1	< 0.1	10.0	< 0.1	1.0	1.0	< 0.1
143	Povertyweed	< 0.1	< 0.1	5.0	< 0.1	0.4	0.4	< 0.1
144	Long-stalked starwort	< 0.1	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
145	Common yarrow	< 0.1	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
146	Corn	< 0.1	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
147	Nuttall's alkali grass	< 0.1	< 0.1	5.0	< 0.1	0.6	0.6	< 0.1
148	Spike-rush species	< 0.1	< 0.1	5.0	< 0.1	0.4	0.4	< 0.1
149	Maple-leaved goosefoot	< 0.1	< 0.1	5.0	< 0.1	0.4	0.4	< 0.1
150	Atriplex species	< 0.1	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
151	Field mint	< 0.1	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
152	Tall hedge mustard	< 0.1	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
153	Silver-leaved Indian breadroot	< 0.1	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
154	Witch grass	< 0.1	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
155	Big bluestem	< 0.1	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
156	Beaked hazelnut	< 0.1	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1

(Table continued on next page)

Table 6. 2014/15 Annual crops in Saskatchewan (2242 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
157	Water horsetail	< 0.1	< 0.1	30.0	< 0.1	11.0	11.0	< 0.1
158	Common burdock	< 0.1	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1

Field Survey Summary Tables – Spring wheat

Table 7. 2014/15 Spring wheat in Saskatchewan (557 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	48.4	25.6	52.8	17.4	36.0	646.6	49.8
2	Wild buckwheat	71.1	25.3	35.6	2.9	4.0	56.8	25.8
3	Wild oats	47.6	19.6	41.2	4.9	10.2	152.2	23.9
4	Canola/rapeseed	51.6	18.3	35.6	3.6	7.0	207.0	21.5
5	False cleavers	36.1	12.6	35.0	1.9	5.4	51.4	13.9
6	Canada thistle	50.2	10.7	21.3	1.0	2.0	28.4	13.1
7	Spiny annual sow-thistle	31.8	9.0	28.4	1.5	4.6	99.4	10.8
8	Narrow-leaved hawk's-beard	26.0	7.8	30.0	2.1	8.1	216.4	10.7
9	Dandelion	34.3	8.4	24.6	1.1	3.3	110.2	10.3
10	Lamb's-quarters	32.2	7.5	23.3	1.3	4.1	103.6	9.9
11	Barnyard grass species	12.9	4.0	31.2	2.3	17.7	271.4	7.6
12	Shepherd's-purse	21.6	5.2	24.0	1.0	4.8	66.4	7.0
13	Foxtail barley	23.2	4.9	21.1	0.7	2.9	28.0	6.4
14	Stinkweed	12.7	3.9	31.0	1.4	11.3	106.4	6.0
15	Perennial sow-thistle	15.8	3.3	21.1	0.3	2.2	17.0	4.2
16	Broad-leaved plantain	13.9	2.8	20.1	0.6	4.4	88.0	4.2
17	Round-leaved mallow	16.4	3.0	18.3	0.3	2.0	28.4	4.1
18	Chickweed	9.5	2.4	25.3	0.9	9.5	221.8	4.0
19	Hemp-nettle	13.5	2.7	20.0	0.4	2.7	32.2	3.6
20	Low cudweed	10.7	1.9	18.0	0.7	6.4	67.2	3.5
21	Pale smartweed	12.6	2.5	19.6	0.3	2.6	37.6	3.3
22	Flax	3.5	1.9	54.2	1.1	31.0	156.0	3.3
23	Wild mustard	6.7	2.6	38.7	0.7	10.6	94.8	3.3
24	Northern willowherb	12.2	2.2	17.6	0.2	1.6	17.8	2.9
25	Redroot pigweed	9.6	2.1	21.4	0.3	3.3	47.8	2.7
26	Kochia	10.6	2.0	19.1	0.2	2.3	25.4	2.7
27	Biennial wormwood	11.2	1.9	17.0	0.2	2.0	27.0	2.7
28	Field horsetail	8.3	1.6	19.4	0.3	3.6	26.8	2.3
29	Night-flowering catchfly	7.3	1.6	21.2	0.4	5.0	67.6	2.3
30	Tumble pigweed	6.5	1.1	16.5	0.5	7.0	176.6	2.2
31	Canada fleabane	8.0	1.6	19.7	0.2	2.2	18.6	2.0
32	Annual sow-thistle	4.4	1.3	30.2	0.4	8.2	90.2	1.8
33	Prostrate knotweed	7.7	1.2	16.0	0.1	1.7	18.6	1.8
34	Annual spurge species	5.4	1.1	19.8	0.1	2.8	28.6	1.4
35	Wheat	3.0	1.2	38.2	0.2	6.2	33.6	1.2
36	Black medick	4.3	1.1	24.3	0.1	2.2	6.2	1.2
37	Russian thistle	4.4	0.8	19.1	0.1	2.3	15.4	1.1
38	Stork's-bill	2.3	0.7	30.9	0.2	6.7	42.0	0.9
39	Willow species	4.5	0.6	13.0	< 0.1	0.9	7.2	0.9
40	Rough cinquefoil	3.3	0.6	17.1	0.1	3.6	41.4	0.9
41	Annual brome species	1.7	0.5	32.6	0.2	13.4	47.0	0.9
42	Yellow sweet-clover	1.1	0.5	44.5	0.3	25.5	130.6	0.9
43	Purslane speedwell	3.2	0.5	16.1	0.1	3.5	37.2	0.8
44	Marsh yellow cress	3.2	0.4	13.9	0.1	3.0	26.8	0.8
45	Cow cockle	2.3	0.6	24.6	0.1	4.3	36.4	0.7
46	Rayless aster	3.4	0.4	12.4	< 0.1	1.0	4.8	0.7
47	Blue grass species	1.5	0.4	23.3	0.2	10.8	54.4	0.7
48	Barley	1.8	0.5	27.6	0.1	6.0	23.6	0.7
49	Flixweed	1.9	0.5	24.8	0.1	3.8	17.2	0.6
50	Persian damel	1.8	0.4	22.0	0.1	5.5	39.0	0.6
51	Scouring-rush	1.5	0.3	19.7	0.1	7.9	29.4	0.5
52	Pineappleweed	2.6	0.3	12.7	< 0.1	0.9	3.4	0.5

(Table continued on next page)

Table 7. 2014/15 Spring wheat in Saskatchewan (557 fields) (continued)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Alfalfa	1.8	0.4	24.0	0.1	3.0	14.8	0.5
54	American vetch	2.8	0.2	7.7	<0.1	0.6	1.4	0.5
55	Rough hair grass	1.5	0.4	25.6	0.1	3.8	12.6	0.5
56	Pygmyflower	2.5	0.2	7.5	<0.1	0.4	0.8	0.4
57	Common groundsel	1.4	0.3	22.7	0.1	4.0	21.0	0.4
58	American dragonhead	2.5	0.2	7.2	<0.1	0.3	1.0	0.4
59	Slough grass	1.2	0.2	19.1	0.1	6.9	34.8	0.4
60	Quack grass	1.2	0.2	12.8	0.1	7.7	42.4	0.4
61	Golden dock	2.2	0.2	8.9	<0.1	0.4	1.2	0.4
62	White mustard	0.4	0.2	59.8	0.1	31.4	64.2	0.4
63	Lentil	1.3	0.3	23.3	<0.1	2.1	9.0	0.4
64	Pennsylvania pellitory	0.2	0.2	95.0	0.1	58.0	58.0	0.3
65	Dock species	1.9	0.2	8.4	<0.1	0.4	1.2	0.3
66	Prickly lettuce	1.3	0.2	16.8	<0.1	1.8	9.6	0.3
67	Common pepper-grass	1.4	0.2	12.3	<0.1	0.6	1.6	0.3
68	Clover species	1.2	0.2	15.5	<0.1	1.1	2.6	0.3
69	Oats	0.6	0.2	39.9	<0.1	7.3	12.8	0.3
70	Field pea	1.1	0.1	10.7	<0.1	0.6	1.8	0.2
71	Scentless chamomile	1.0	0.1	11.0	<0.1	2.0	6.6	0.2
72	Oak-leaved goosefoot	0.9	0.1	15.7	<0.1	2.0	3.4	0.2
73	Yellow foxtail	0.5	0.2	34.1	<0.1	7.8	43.4	0.2
74	Bluebur	1.0	0.1	12.0	<0.1	0.6	1.4	0.2
75	Prostrate pigweed	1.1	0.1	7.7	<0.1	0.5	1.0	0.2
76	Field violet	0.8	0.1	16.7	<0.1	2.6	6.0	0.2
77	Long-stalked chickweed	0.2	0.2	85.0	<0.1	11.8	11.8	0.1
78	Absinth	0.8	<0.1	6.2	<0.1	1.3	4.8	0.1
79	Spear-leaved goosefoot	0.8	0.1	7.6	<0.1	0.7	2.2	0.1
80	Purslane	0.7	<0.1	7.5	<0.1	0.3	1.4	0.1
81	Goat's-beard	0.4	0.1	28.0	<0.1	2.1	4.0	0.1
82	Chickpea	0.2	0.1	55.0	<0.1	5.0	5.0	0.1
83	Corn spurry	0.2	0.1	60.0	<0.1	4.8	4.8	0.1
84	Siberian elm	0.6	<0.1	5.5	<0.1	0.2	0.4	0.1
85	Philadelphia fleabane	0.4	0.1	17.5	<0.1	1.5	1.6	0.1
86	Henbit	0.5	<0.1	6.8	<0.1	0.5	1.0	0.1
87	Rose species	0.5	<0.1	5.0	<0.1	1.0	2.2	0.1
88	Borage	0.2	0.1	30.0	<0.1	2.6	2.6	0.1
89	Wild tomato	0.4	<0.1	7.4	<0.1	0.5	0.8	0.1
90	Smooth brome	0.4	<0.1	6.9	<0.1	1.2	1.6	0.1
91	Field bindweed	0.2	0.1	30.0	<0.1	1.8	1.8	0.1
92	Manitoba maple	0.4	<0.1	5.0	<0.1	0.4	0.6	0.1
93	Dog mustard	0.4	<0.1	5.0	<0.1	0.4	0.6	0.1
94	Skeletonweed	0.2	0.1	30.0	<0.1	1.6	1.6	0.1
95	Bicknell's geranium	0.4	<0.1	5.0	<0.1	0.2	0.2	0.1
96	Yellow toadflax	0.2	<0.1	20.0	<0.1	1.6	1.6	0.1
97	Sedge species	0.3	<0.1	5.0	<0.1	0.3	0.4	0.1
98	Tartary buckwheat	0.2	<0.1	20.0	<0.1	1.0	1.0	<0.1
99	Thyme-leaved sandwort	0.2	<0.1	20.0	<0.1	0.8	0.8	<0.1
100	Soybean	0.2	<0.1	15.0	<0.1	0.6	0.6	<0.1
101	Cocklebur	0.2	<0.1	5.0	<0.1	0.2	0.2	<0.1
102	Five-hooked bassia	0.2	<0.1	10.0	<0.1	1.0	1.0	<0.1
103	Common yarrow	0.2	<0.1	5.0	<0.1	0.2	0.2	<0.1
104	Poplar species	0.2	<0.1	5.0	<0.1	0.2	0.2	<0.1

(Table continued on next page)

Field Survey Summary Tables – Spring wheat

Table 7. 2014/15 Spring wheat in Saskatchewan (557 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
105	Striate knotweed	0.1	< 0.1	15.0	< 0.1	1.4	1.4	< 0.1
106	Blue lettuce	0.2	< 0.1	10.0	< 0.1	0.4	0.4	< 0.1
107	Nuttall's alkali grass	0.2	< 0.1	5.0	< 0.1	0.6	0.6	< 0.1
108	Toad rush	0.2	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
109	Common yellow wood-sorrel	0.2	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
110	Wormseed mustard	0.2	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
111	Beggarticks species	0.2	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
112	Pasture sage	0.2	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
113	Beaked hazelnut	0.1	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
114	False ragweed	0.1	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
115	Common burdock	0.1	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1

Table 8. 2014/15 Durum in Saskatchewan (286 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	33.4	16.0	47.9	7.5	22.5	268.0	53.6
2	Canola/rapeseed	19.8	7.2	36.5	5.3	26.7	296.2	32.4
3	Stinkweed	17.4	5.9	33.7	3.8	21.6	449.8	24.7
4	Wild oats	27.6	8.7	31.7	1.7	6.2	48.2	23.0
5	Wild buckwheat	37.6	8.4	22.3	0.7	1.9	29.6	21.8
6	Lamb's-quarters	18.7	4.7	25.0	0.7	3.9	56.4	12.7
7	Kochia	22.6	4.1	18.1	0.4	1.5	12.2	11.7
8	Canada thistle	21.8	3.3	15.1	0.5	2.1	22.0	11.1
9	Wild mustard	11.4	4.0	34.7	0.7	6.5	54.8	10.0
10	Russian thistle	11.1	3.4	30.9	0.6	5.7	83.6	9.0
11	Flax	5.0	2.6	51.0	1.0	19.9	78.4	7.7
12	Spiny annual sow-thistle	8.9	2.7	30.3	0.6	6.8	49.0	7.5
13	Tumble pigweed	11.9	2.4	20.0	0.2	2.0	11.6	6.6
14	Narrow-leaved hawk's-beard	10.6	2.0	18.9	0.2	2.3	20.8	5.9
15	Perennial sow-thistle	7.1	1.8	24.6	0.3	4.6	47.2	5.0
16	Dandelion	9.1	1.8	20.2	0.2	1.7	8.2	5.0
17	Redroot pigweed	5.9	1.4	23.4	0.5	8.1	102.8	4.9
18	Foxtail barley	10.2	1.3	13.0	0.2	1.5	9.6	4.7
19	Annual spurge species	9.3	1.4	14.6	0.1	1.2	11.8	4.4
20	Round-leaved mallow	7.3	1.0	13.2	0.1	1.2	8.4	3.3
21	Barnyard grass species	4.6	1.1	24.7	0.2	3.7	32.6	3.1
22	Shepherd's-purse	3.3	0.7	21.0	0.4	12.2	96.8	3.1
23	Annual brome species	3.9	0.8	20.6	0.2	4.0	27.0	2.5
24	Cow cockle	2.6	1.0	38.2	0.1	5.0	21.8	2.2
25	False cleavers	1.4	0.7	49.6	0.2	16.0	46.0	2.0
26	Annual sow-thistle	1.5	0.6	39.1	0.2	14.5	52.8	1.8
27	Wheat	2.6	0.7	25.7	0.1	3.9	7.6	1.8
28	Persian damel	3.2	0.6	19.0	< 0.1	1.5	5.8	1.7
29	Alfalfa	3.1	0.6	20.4	< 0.1	1.3	3.2	1.7
30	Lentil	3.5	0.3	8.6	< 0.1	0.4	1.2	1.3
31	Prostrate pigweed	2.2	0.5	20.9	< 0.1	1.6	7.2	1.2
32	Field pea	3.0	0.2	7.8	< 0.1	0.4	1.2	1.1
33	Flixweed	2.4	0.2	9.1	< 0.1	0.6	2.4	1.0
34	Biennial wormwood	2.4	0.2	8.9	< 0.1	0.6	1.6	0.9
35	Dock species	1.9	0.1	7.4	< 0.1	0.4	1.6	0.7
36	Pale smartweed	1.8	0.2	8.9	< 0.1	0.6	1.2	0.7
37	Canada fleabane	1.0	0.2	15.8	< 0.1	4.5	12.4	0.6
38	Prickly lettuce	1.2	0.2	13.8	< 0.1	1.6	2.8	0.6
39	Prostrate knotweed	1.1	0.2	16.9	< 0.1	1.1	1.8	0.5
40	Northern willowherb	0.8	0.2	20.7	< 0.1	4.6	8.2	0.5
41	White mustard	0.5	0.2	40.0	< 0.1	3.8	3.8	0.4
42	Black medick	1.0	0.1	6.6	< 0.1	0.4	0.6	0.4
43	Dog mustard	0.8	0.1	15.2	< 0.1	1.2	1.6	0.4
44	Low cudweed	0.8	0.1	10.0	< 0.1	0.6	0.8	0.3
45	Goldenrod species	0.7	< 0.1	5.0	< 0.1	2.3	4.0	0.3
46	Meadow brome	0.7	0.1	10.3	< 0.1	0.4	0.6	0.3
47	Tumble mustard	0.7	0.1	6.9	< 0.1	0.3	0.4	0.3
48	American vetch	0.8	< 0.1	5.0	< 0.1	0.2	0.2	0.3
49	Field bindweed	0.4	0.1	30.0	< 0.1	2.4	2.4	0.2
50	Blue lettuce	0.6	0.1	9.3	< 0.1	0.5	0.8	0.2
51	Common pepper-grass	0.7	< 0.1	5.0	< 0.1	0.3	0.4	0.2
52	Sunflower species	0.6	0.1	9.9	< 0.1	0.4	0.6	0.2

(Table continued on next page)

Field Survey Summary Tables – Durum

Table 8. 2014/15 Durum in Saskatchewan (286 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Goat's-beard	0.4	0.1	20.0	< 0.1	1.0	1.0	0.2
54	Scouler's popcomflower	0.3	0.1	20.0	< 0.1	2.4	2.4	0.2
55	Common groundsel	0.4	0.1	15.0	< 0.1	2.0	2.0	0.2
56	Milk-vetch species	0.4	0.1	15.0	< 0.1	0.8	0.8	0.2
57	Hemp-nettle	0.3	0.1	15.0	< 0.1	1.6	1.6	0.2
58	Chickweed	0.3	0.1	15.0	< 0.1	0.6	0.6	0.2
59	Purslane	0.4	< 0.1	10.0	< 0.1	0.6	0.6	0.1
60	Broad-leaved plantain	0.4	< 0.1	10.0	< 0.1	0.6	0.6	0.1
61	Wild tomato	0.4	< 0.1	10.0	< 0.1	0.4	0.4	0.1
62	Cattail	0.4	< 0.1	5.0	< 0.1	0.4	0.4	0.1
63	Povertyweed	0.4	< 0.1	5.0	< 0.1	0.4	0.4	0.1
64	Siberian elm	0.4	< 0.1	5.0	< 0.1	0.2	0.2	0.1
65	Yellow sweet-clover	0.3	< 0.1	5.0	< 0.1	0.2	0.2	0.1
66	Scentless chamomile	0.3	< 0.1	5.0	< 0.1	0.2	0.2	0.1
67	Tall hedge mustard	0.3	< 0.1	5.0	< 0.1	0.2	0.2	0.1
68	False ragweed	0.3	< 0.1	5.0	< 0.1	0.2	0.2	0.1
69	Water smartweed	0.3	< 0.1	5.0	< 0.1	0.4	0.4	0.1
70	Blue grass species	0.3	< 0.1	5.0	< 0.1	0.2	0.2	0.1
71	Rose species	0.2	< 0.1	5.0	< 0.1	0.2	0.2	0.1
72	Stork's-bill	0.2	< 0.1	5.0	< 0.1	0.2	0.2	0.1

Table 9. 2014/15 Barley in Saskatchewan (169 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	47.9	24.5	51.3	20.5	42.7	610.6	50.0
2	Canola/rapeseed	55.6	23.9	42.9	4.9	8.7	69.6	25.5
3	Wild oats	55.4	21.0	37.9	4.7	8.4	73.0	23.9
4	Wild buckwheat	68.4	21.1	30.9	2.2	3.2	32.2	21.7
5	Canada thistle	48.7	10.8	22.1	1.1	2.2	14.4	12.8
6	Dandelion	34.3	10.5	30.6	1.5	4.2	64.2	11.4
7	False cleavers	25.8	9.2	35.7	2.2	8.5	132.4	10.9
8	Barnyard grass species	18.8	5.6	30.0	3.7	19.6	390.6	10.8
9	Lamb's-quarters	27.2	6.8	24.8	1.7	6.4	132.8	9.3
10	Low cudweed	4.2	1.4	33.3	4.4	104.6	501.8	8.2
11	Narrow-leaved hawk's-beard	25.3	6.3	24.9	1.2	4.9	41.2	8.0
12	Spiny annual sow-thistle	28.1	5.7	20.4	0.5	1.7	10.2	6.9
13	Foxtail barley	19.1	5.4	28.4	0.8	4.3	40.2	6.2
14	Shepherd's-purse	19.5	4.6	23.5	0.6	3.3	21.2	5.6
15	Pale smartweed	18.5	3.5	19.0	0.9	4.7	56.8	5.3
16	Wheat	16.4	4.4	27.0	0.8	4.7	62.2	5.3
17	Chickweed	10.2	4.2	41.1	1.2	12.0	77.6	5.1
18	Perennial sow-thistle	14.7	3.6	24.5	0.4	2.4	11.6	4.1
19	Stinkweed	12.1	3.4	27.7	0.6	5.1	52.0	4.0
20	Redroot pigweed	13.1	3.2	24.3	0.4	3.0	18.8	3.7
21	Round-leaved mallow	14.8	2.7	18.4	0.3	2.1	10.4	3.6
22	Broad-leaved plantain	13.5	2.4	17.8	0.4	2.9	16.4	3.4
23	Wild mustard	7.8	2.9	36.8	0.7	8.8	63.0	3.4
24	Night-flowering catchfly	11.2	3.0	27.0	0.3	2.3	10.2	3.2
25	Kochia	10.8	1.6	14.9	0.5	4.6	52.8	2.9
26	Biennial wormwood	9.3	1.8	18.9	0.2	1.8	9.6	2.2
27	Black medick	5.2	1.7	33.2	0.5	9.0	41.2	2.2
28	Stork's-bill	7.2	1.9	25.6	0.2	3.3	12.4	2.1
29	Northern willowherb	8.9	1.5	17.1	0.1	1.5	11.6	2.0
30	Tumble pigweed	5.7	1.6	28.5	0.4	6.5	38.2	2.0
31	Hemp-nettle	5.5	1.9	35.2	0.3	5.1	15.0	2.0
32	Russian thistle	6.5	1.4	21.3	0.4	5.5	47.2	2.0
33	Yellow sweet-clover	4.3	1.6	38.1	0.4	10.2	45.6	2.0
34	Oats	3.9	1.5	37.8	0.4	10.3	36.0	1.8
35	Alfalfa	5.3	1.5	27.9	0.3	5.4	35.0	1.8
36	Field horsetail	5.6	0.9	16.6	0.1	1.9	8.6	1.3
37	Scouring-rush	1.6	0.9	59.7	0.4	26.4	58.8	1.3
38	Annual sow-thistle	3.6	1.3	35.5	0.1	3.8	14.0	1.3
39	Canada fleabane	5.8	0.6	10.9	0.1	1.0	10.8	1.1
40	Flax	3.7	1.0	28.3	0.1	2.6	4.8	1.1
41	Prostrate knotweed	3.7	0.7	18.7	0.1	3.1	13.4	1.0
42	Rough cinquefoil	4.0	0.7	17.7	< 0.1	1.2	2.2	0.9
43	Annual spurge species	4.4	0.5	10.6	< 0.1	0.6	1.0	0.8
44	Clover species	3.9	0.5	11.9	0.1	1.6	6.4	0.8
45	Prostrate pigweed	3.5	0.5	13.0	0.1	1.4	4.2	0.7
46	Dock species	3.2	0.5	16.2	< 0.1	1.4	3.4	0.7
47	Scentless chamomile	1.8	0.6	34.5	0.1	6.7	17.8	0.7
48	Annual brome species	2.4	0.4	18.5	0.1	4.6	13.2	0.7
49	Blue grass species	1.0	0.5	50.9	0.2	20.7	31.8	0.7
50	Purslane speedwell	3.8	0.3	9.2	< 0.1	0.5	1.0	0.7
51	American dragonhead	2.4	0.6	26.5	< 0.1	1.9	5.2	0.7
52	Bluebur	1.2	0.7	56.5	0.1	7.9	14.6	0.6

(Table continued on next page)

Field Survey Summary Tables – Barley

Table 9. 2014/15 Barley in Saskatchewan (169 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Persian damel	0.8	0.6	80.0	0.1	12.0	12.0	0.5
54	Pygmyflower	2.2	0.3	13.5	<0.1	1.8	4.2	0.5
55	Meadow brome	2.2	0.3	11.9	<0.1	1.7	4.0	0.5
56	Purslane	0.7	0.2	30.5	0.2	23.9	31.6	0.4
57	Rayless aster	2.2	0.2	11.0	<0.1	0.8	2.4	0.4
58	Flixweed	1.8	0.3	13.7	<0.1	2.3	6.0	0.4
59	Willow species	2.3	0.2	8.7	<0.1	0.4	0.6	0.4
60	Cow cockle	1.4	0.4	29.5	<0.1	1.6	2.8	0.4
61	Quack grass	1.8	0.2	13.0	<0.1	1.0	1.8	0.4
62	Wormseed mustard	1.1	0.4	31.4	<0.1	1.8	3.0	0.3
63	Rough hair grass	1.3	0.2	18.9	<0.1	2.1	3.6	0.3
64	Long-stalked chickweed	0.8	0.4	45.0	<0.1	2.8	2.8	0.3
65	Yellow toadflax	0.8	0.4	50.0	<0.1	3.4	3.4	0.3
66	Wood whitlow-grass	0.8	0.3	35.0	<0.1	3.6	3.6	0.3
67	Lentil	1.8	0.1	5.0	<0.1	0.3	0.4	0.3
68	Garden sorrel	0.6	0.2	35.0	0.1	12.8	12.8	0.3
69	American vetch	1.7	0.1	5.0	<0.1	0.4	0.8	0.3
70	Rose species	1.3	0.2	15.0	<0.1	0.8	1.2	0.3
71	Nightshade species	0.7	0.3	35.0	<0.1	3.2	3.2	0.2
72	Slough grass	0.7	0.2	25.0	<0.1	4.4	4.4	0.2
73	Marsh yellow cress	1.1	0.2	14.8	<0.1	0.9	1.4	0.2
74	Common pepper-grass	1.2	0.1	8.6	<0.1	0.5	0.8	0.2
75	Spear-leaved goosefoot	1.0	0.1	9.2	<0.1	1.2	1.4	0.2
76	Prickly lettuce	1.2	0.1	7.5	<0.1	0.3	0.4	0.2
77	Golden dock	0.6	0.2	30.0	<0.1	2.6	2.6	0.2
78	Henbit	1.1	0.1	5.0	<0.1	0.2	0.2	0.2
79	Yellow foxtail	0.2	0.1	80.0	<0.1	19.4	19.4	0.1
80	Russian pigweed	0.6	0.1	15.0	<0.1	0.6	0.6	0.1
81	Timothy	0.6	0.1	15.0	<0.1	0.6	0.6	0.1
82	Field violet	0.6	0.1	10.0	<0.1	0.8	0.8	0.1
83	Sunflower species	0.6	<0.1	5.0	<0.1	0.2	0.2	0.1
84	Bicknell's geranium	0.6	<0.1	5.0	<0.1	0.2	0.2	0.1
85	Dog mustard	0.6	<0.1	5.0	<0.1	0.2	0.2	0.1
86	Atriplex species	0.6	<0.1	5.0	<0.1	0.2	0.2	0.1
87	Manitoba maple	0.6	<0.1	5.0	<0.1	0.2	0.2	0.1
88	Field pea	0.6	<0.1	5.0	<0.1	0.2	0.2	0.1
89	Small-leaved lamb's-quarters	0.6	<0.1	5.0	<0.1	0.2	0.2	0.1
90	Absinth	0.5	<0.1	5.0	<0.1	0.2	0.2	0.1
91	Common groundsel	0.5	<0.1	5.0	<0.1	0.2	0.2	0.1
92	Goat's-beard	0.5	<0.1	5.0	<0.1	0.2	0.2	0.1

Table 10. 2014/15 Oat in Saskatchewan (127 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	55.2	33.6	60.8	31.5	57.1	510.4	64.1
2	Wild buckwheat	65.4	23.5	35.9	2.6	4.0	30.0	22.1
3	Wild oats	44.5	18.0	40.3	4.9	10.9	168.4	20.0
4	Lamb's-quarters	30.9	12.5	40.5	3.4	11.1	154.4	14.0
5	Barnyard grass species	20.1	7.5	37.4	5.0	25.0	272.6	12.6
6	Canola/rapeseed	31.6	10.3	32.5	1.8	5.6	65.6	10.9
7	Canada thistle	34.7	6.9	19.9	0.9	2.5	29.4	8.6
8	Dandelion	29.7	7.4	24.9	0.8	2.6	16.4	8.0
9	Broad-leaved plantain	22.3	4.6	20.4	0.9	4.1	33.4	6.1
10	Foxtail barley	19.1	4.2	22.2	0.8	4.3	49.2	5.4
11	Pale smartweed	14.1	4.0	28.1	1.3	9.0	81.2	5.2
12	False cleavers	18.6	4.6	24.5	0.6	3.2	11.4	5.2
13	Chickweed	7.6	3.3	43.3	1.8	23.2	79.8	4.8
14	Field horsetail	10.7	3.4	32.3	1.4	13.1	77.0	4.7
15	Shepherd's-purse	15.9	4.2	26.2	0.6	3.8	33.0	4.7
16	Wheat	22.6	3.2	14.1	0.3	1.3	5.6	4.6
17	Redroot pigweed	13.3	3.9	29.3	0.9	7.0	78.4	4.6
18	Narrow-leaved hawk's-beard	18.3	3.7	20.1	0.4	2.3	13.2	4.5
19	Low cudweed	9.5	3.3	35.0	1.0	10.8	71.8	4.0
20	Night-flowering catchfly	11.1	2.9	25.8	1.0	9.0	71.0	4.0
21	Quack grass	6.1	2.1	33.8	1.7	27.4	133.6	4.0
22	Perennial sow-thistle	15.9	3.3	20.7	0.3	2.2	10.2	3.9
23	Stinkweed	17.2	2.8	16.2	0.3	1.5	8.2	3.8
24	Wild mustard	10.8	3.3	30.5	0.6	5.3	28.2	3.6
25	Russian thistle	9.8	3.6	37.1	0.5	5.6	31.8	3.6
26	Spiny annual sow-thistle	14.7	3.0	20.6	0.3	1.9	11.8	3.6
27	Hemp-nettle	11.2	3.2	28.3	0.5	4.7	28.0	3.5
28	Alfalfa	7.8	3.3	42.6	0.4	5.5	15.4	3.0
29	Purslane speedwell	7.3	2.1	28.4	0.8	11.7	70.2	3.0
30	Black medick	10.4	2.6	25.4	0.3	3.1	30.6	2.9
31	Round-leaved mallow	12.5	2.1	17.2	0.2	1.3	7.4	2.7
32	Biennial wormwood	11.3	2.1	18.4	0.2	2.1	11.6	2.7
33	Northern willowherb	9.8	1.9	18.9	0.3	3.5	30.8	2.5
34	Kochia	8.4	2.1	25.1	0.3	3.5	15.0	2.4
35	Marsh yellow cress	4.1	1.3	32.2	0.7	18.0	94.6	2.1
36	Barley	6.7	1.8	27.4	0.3	4.0	15.2	2.0
37	Thyme-leaved sandwort	0.9	0.9	100.0	1.0	117.0	117.0	1.9
38	Prostrate knotweed	8.3	1.4	16.3	0.1	1.0	2.8	1.8
39	Willow species	3.5	1.7	48.8	0.4	10.2	37.4	1.7
40	Blue grass species	2.5	1.1	44.1	0.5	19.1	52.8	1.4
41	Yellow sweet-clover	3.6	1.1	30.5	0.3	8.6	43.4	1.4
42	Clover species	4.1	1.3	30.6	0.2	5.3	22.6	1.4
43	Tumble pigweed	4.9	1.1	22.6	0.1	1.5	4.0	1.2
44	Rough cinquefoil	6.0	0.8	13.6	0.1	1.0	4.0	1.2
45	Annual spurge species	5.5	0.8	14.8	< 0.1	0.9	3.0	1.1
46	Oak-leaved goosefoot	3.8	1.0	26.2	0.1	3.2	9.0	1.1
47	American vetch	6.2	0.6	8.9	< 0.1	0.5	1.8	1.1
48	Annual sow-thistle	4.1	0.9	21.5	0.1	1.9	5.0	1.0
49	Pineappleweed	4.3	0.7	17.0	0.1	1.9	4.2	1.0
50	Canada fleabane	4.4	0.6	14.3	0.1	1.2	10.8	0.9
51	Flixweed	4.8	0.5	9.5	< 0.1	0.5	1.0	0.8
52	Scouler's popcomflower	0.8	0.7	90.0	0.3	39.4	39.4	0.8

(Table continued on next page)

Field Survey Summary Tables – Oat

Table 10. 2014/15 Oat in Saskatchewan (127 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Flax	1.8	0.8	46.7	0.2	8.7	15.4	0.8
54	Stork's-bill	3.9	0.5	12.6	<0.1	0.9	2.0	0.7
55	Pygmyflower	3.1	0.4	12.6	0.1	1.7	4.0	0.6
56	Scouring-rush	2.5	0.4	15.6	0.1	3.1	7.4	0.6
57	Slough grass	3.3	0.3	10.2	<0.1	0.5	1.2	0.6
58	Absinth	1.5	0.4	25.0	0.1	8.0	13.6	0.5
59	Bluebur	2.3	0.4	17.4	<0.1	1.3	2.4	0.5
60	Proso millet	0.5	0.5	85.0	0.2	28.6	28.6	0.5
61	Corn spurry	0.9	0.5	55.0	0.1	12.6	12.6	0.5
62	Conoid catchfly	0.8	0.6	70.0	0.1	7.8	7.8	0.4
63	Pennsylvania pellitory	0.9	0.5	55.0	0.1	9.4	9.4	0.4
64	Common pepper-grass	2.2	0.3	13.0	<0.1	0.7	1.6	0.4
65	Common groundsel	2.3	0.2	8.4	<0.1	1.1	2.8	0.4
66	Skeletonweed	2.2	0.2	11.4	<0.1	0.6	1.2	0.4
67	Sunflower species	1.6	0.3	21.9	<0.1	1.7	3.0	0.4
68	Cow cockle	2.5	0.1	5.0	<0.1	0.2	0.2	0.4
69	Scentless chamomile	1.6	0.2	11.0	<0.1	0.9	2.0	0.3
70	Dock species	1.5	0.2	14.3	<0.1	0.9	1.4	0.3
71	Blue lettuce	1.9	0.1	5.0	<0.1	0.2	0.2	0.3
72	Wormseed mustard	1.4	0.1	10.4	<0.1	0.4	0.6	0.3
73	White mustard	0.9	0.3	30.0	<0.1	1.8	1.8	0.2
74	Rough hair grass	1.4	0.1	7.7	<0.1	0.7	0.8	0.2
75	Rayless aster	1.5	0.1	5.0	<0.1	0.2	0.2	0.2
76	American dragonhead	1.4	0.1	5.0	<0.1	0.3	0.4	0.2
77	Crested wheat grass	0.8	0.2	25.0	<0.1	1.2	1.2	0.2
78	Purslane	0.8	0.1	15.0	<0.1	2.2	2.2	0.2
79	Aster species	0.7	0.1	20.0	<0.1	2.2	2.2	0.2
80	Field violet	0.8	0.1	15.0	<0.1	0.6	0.6	0.2
81	Long-stalked chickweed	0.9	<0.1	5.0	<0.1	1.0	1.0	0.1
82	Prickly lettuce	0.8	0.1	10.0	<0.1	0.8	0.8	0.1
83	Manitoba maple	0.9	<0.1	5.0	<0.1	0.2	0.2	0.1
84	Pasture sage	0.8	0.1	10.0	<0.1	0.6	0.6	0.1
85	Rose species	0.9	<0.1	5.0	<0.1	0.2	0.2	0.1
86	Striate knotweed	0.8	<0.1	5.0	<0.1	0.6	0.6	0.1
87	Spike-rush species	0.8	<0.1	5.0	<0.1	0.4	0.4	0.1
88	Maple-leaved goosefoot	0.8	<0.1	5.0	<0.1	0.4	0.4	0.1
89	Toad rush	0.8	<0.1	5.0	<0.1	0.2	0.2	0.1
90	Clammy hedge-hyssop	0.8	<0.1	5.0	<0.1	0.2	0.2	0.1
91	Field mint	0.8	<0.1	5.0	<0.1	0.2	0.2	0.1
92	Wild tomato	0.8	<0.1	5.0	<0.1	0.2	0.2	0.1
93	Cattail	0.8	<0.1	5.0	<0.1	0.2	0.2	0.1
94	Tumble mustard	0.8	<0.1	5.0	<0.1	0.2	0.2	0.1
95	Persian damel	0.7	<0.1	5.0	<0.1	0.2	0.2	0.1
96	Meadow brome	0.7	<0.1	5.0	<0.1	0.2	0.2	0.1
97	Water horsetail	0.1	<0.1	30.0	<0.1	11.0	11.0	<0.1
98	Goat's-beard	0.1	<0.1	15.0	<0.1	0.8	0.8	<0.1
99	Common yellow wood-sorrel	0.1	<0.1	10.0	<0.1	1.0	1.0	<0.1

Table 11. 2014/15 Canola in Saskatchewan (653 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Wild oats	50.1	17.8	35.5	3.8	7.6	113.6	27.2
2	Green foxtail	36.5	15.4	42.3	4.8	13.1	211.4	26.8
3	Wild buckwheat	66.9	21.3	31.8	2.1	3.1	46.2	26.2
4	Wheat	34.3	11.5	33.7	1.8	5.3	108.0	15.9
5	Spiny annual sow-thistle	28.2	8.1	28.6	2.7	9.5	545.2	15.8
6	False cleavers	35.0	11.5	32.8	1.5	4.3	69.6	15.0
7	Canola/rapeseed	27.8	10.6	38.1	1.5	5.6	105.6	13.7
8	Shepherd's-purse	28.5	6.8	23.9	0.9	3.0	47.2	9.9
9	Lamb's-quarters	33.8	6.3	18.7	0.6	1.7	24.6	9.5
10	Canada thistle	33.7	5.4	16.0	0.5	1.4	19.8	8.7
11	Narrow-leaved hawk's-beard	19.6	5.6	28.5	1.0	5.2	59.6	8.5
12	Barnyard grass species	17.3	4.3	24.7	1.3	7.3	129.4	8.2
13	Dandelion	29.5	5.3	17.9	0.4	1.4	25.6	7.9
14	Stinkweed	14.2	3.0	21.1	1.2	8.1	216.0	6.8
15	Chickweed	13.6	3.5	26.1	1.1	7.9	138.4	6.8
16	Broad-leaved plantain	17.8	3.9	22.1	0.6	3.6	76.0	6.3
17	Low cudweed	12.6	3.5	27.4	0.9	7.3	56.8	6.2
18	Perennial sow-thistle	12.9	2.3	17.5	0.8	6.1	389.8	5.2
19	Northern willowherb	16.6	3.4	20.7	0.4	2.4	66.2	5.2
20	Kochia	11.9	2.6	21.7	0.5	4.4	128.0	4.5
21	Foxtail barley	8.7	1.7	19.6	0.6	6.8	160.0	3.8
22	Round-leaved mallow	11.6	2.4	20.5	0.2	1.9	17.8	3.4
23	Pale smartweed	11.1	2.3	20.5	0.2	2.1	20.4	3.3
24	Field horsetail	9.3	1.9	20.3	0.4	3.9	26.0	3.3
25	Flax	4.6	2.1	45.8	0.4	8.8	45.0	2.9
26	Redroot pigweed	9.3	1.7	18.3	0.3	2.8	47.8	2.9
27	Biennial wormwood	10.0	1.6	15.8	0.2	1.8	47.8	2.7
28	Hemp-nettle	9.8	1.6	16.2	0.2	1.5	26.6	2.6
29	Blue grass species	1.7	0.4	24.4	0.6	36.9	207.2	2.2
30	Black medick	6.0	1.1	18.1	0.3	4.3	88.4	2.1
31	Annual sow-thistle	5.0	1.5	29.6	0.2	4.4	22.0	2.1
32	Annual brome species	2.5	0.9	36.7	0.4	17.0	140.0	2.1
33	Night-flowering catchfly	7.4	1.1	15.1	0.1	1.6	14.8	1.9
34	Purslane speedwell	5.4	0.9	16.8	0.1	2.7	39.2	1.6
35	Rough cinquefoil	5.8	0.8	14.6	0.1	1.4	13.6	1.5
36	Tumble pigweed	5.7	0.8	14.2	0.1	1.3	11.4	1.4
37	Stork's-bill	3.7	0.9	23.1	0.2	4.1	31.8	1.4
38	Canada fleabane	5.9	0.7	11.8	0.1	0.9	7.4	1.3
39	Wild mustard	3.8	0.8	21.8	0.1	2.6	22.2	1.2
40	Prostrate knotweed	5.6	0.6	11.0	<0.1	0.8	7.0	1.2
41	Barley	3.4	0.8	24.1	0.1	2.5	13.4	1.1
42	Annual spurge species	3.8	0.6	16.7	0.1	1.8	13.6	1.0
43	Alfalfa	2.4	0.8	35.3	0.1	4.0	17.6	1.0
44	Willow species	4.3	0.6	13.2	<0.1	0.8	4.8	1.0
45	Marsh yellow cress	3.7	0.5	13.3	0.1	1.4	11.4	0.9
46	Rough hair grass	2.8	0.6	20.3	0.1	2.0	12.2	0.8
47	Russian thistle	3.2	0.5	17.2	<0.1	1.2	3.4	0.8
48	Clover species	3.1	0.4	11.8	<0.1	0.9	2.2	0.7
49	Lentil	2.7	0.5	17.4	<0.1	1.2	8.4	0.7
50	American vetch	3.5	0.3	8.8	<0.1	0.5	1.8	0.7
51	Golden dock	2.0	0.4	20.5	0.1	2.9	17.8	0.7
52	Oak-leaved goosefoot	2.8	0.3	10.8	<0.1	1.0	3.4	0.6

(Table continued on next page)

Field Survey Summary Tables – Canola

Table 11. 2014/15 Canola in Saskatchewan (653 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	American dragonhead	2.6	0.3	13.6	<0.1	1.0	6.6	0.6
54	Pygmyflower	1.9	0.4	22.1	<0.1	2.3	12.2	0.6
55	Rayless aster	2.6	0.3	11.9	<0.1	0.7	2.8	0.6
56	Pineappleweed	2.3	0.3	12.6	<0.1	1.2	4.2	0.6
57	Flixweed	2.3	0.3	14.1	<0.1	1.0	5.0	0.5
58	Scentless chamomile	1.6	0.3	20.4	<0.1	2.9	12.0	0.5
59	Persian damel	0.7	0.2	30.3	0.1	17.0	65.2	0.5
60	Canary grass	0.2	0.2	100.0	0.1	79.6	79.6	0.5
61	Slough grass	1.6	0.3	17.5	<0.1	1.9	11.4	0.4
62	Quack grass	1.4	0.2	13.9	<0.1	1.1	3.6	0.3
63	Corn spurry	1.4	0.2	11.0	<0.1	0.8	2.8	0.3
64	Field violet	0.3	0.2	67.6	<0.1	13.8	17.6	0.3
65	Prostrate pigweed	1.4	0.1	7.7	<0.1	0.4	1.0	0.3
66	Prickly lettuce	1.0	0.1	12.6	<0.1	1.0	3.6	0.2
67	Purslane	0.9	0.1	12.4	<0.1	1.8	6.0	0.2
68	Poplar species	1.1	0.1	8.4	<0.1	0.4	1.2	0.2
69	Yellow sweet-clover	0.6	0.1	25.6	<0.1	3.7	15.2	0.2
70	Oats	0.6	0.2	29.5	<0.1	2.6	6.0	0.2
71	Borage	0.2	0.1	90.0	<0.1	20.2	20.2	0.2
72	Absinth	0.9	0.1	10.9	<0.1	0.6	1.4	0.2
73	Dock species	0.9	0.1	11.0	<0.1	0.8	3.0	0.2
74	Bluebur	1.0	0.1	5.9	<0.1	0.5	1.2	0.2
75	Dog mustard	0.5	0.1	27.2	<0.1	3.3	8.6	0.2
76	Yellow foxtail	0.4	0.1	29.8	<0.1	6.5	12.2	0.2
77	Common pepper-grass	0.8	0.1	10.1	<0.1	0.6	0.8	0.2
78	Yellow toadflax	0.8	0.1	11.3	<0.1	0.6	1.6	0.2
79	Common groundsel	0.8	0.1	6.7	<0.1	0.3	0.4	0.1
80	Bicknell's geranium	0.8	<0.1	5.0	<0.1	0.2	0.2	0.1
81	Wild tomato	0.4	0.1	14.8	<0.1	1.6	3.6	0.1
82	Cattail	0.6	<0.1	5.0	<0.1	0.5	0.8	0.1
83	Wood whitlow-grass	0.4	0.1	14.8	<0.1	0.8	1.6	0.1
84	Field pea	0.4	0.1	12.0	<0.1	0.8	1.8	0.1
85	Siberian elm	0.5	<0.1	9.8	<0.1	0.6	1.6	0.1
86	Soybean	0.3	<0.1	14.8	<0.1	1.9	3.0	0.1
87	Henbit	0.3	0.1	25.0	<0.1	1.4	1.4	0.1
88	Scouring-rush	0.4	<0.1	6.9	<0.1	1.0	2.4	0.1
89	Burning nettle	0.4	<0.1	11.4	<0.1	0.5	0.8	0.1
90	Meadow brome	0.3	<0.1	12.5	<0.1	1.1	2.0	0.1
91	Ball mustard	0.5	<0.1	5.0	<0.1	0.2	0.2	0.1
92	Goat's-beard	0.4	<0.1	6.8	<0.1	0.3	0.6	0.1
93	Small-seeded false flax	0.2	0.1	35.0	<0.1	3.2	3.2	0.1
94	Manitoba maple	0.3	<0.1	10.1	<0.1	0.7	1.2	0.1
95	Thyme-leaved sandwort	0.2	<0.1	20.0	<0.1	5.0	5.0	0.1
96	Goldenrod species	0.3	<0.1	5.0	<0.1	0.2	0.2	0.1
97	Small bugloss	0.2	<0.1	25.0	<0.1	1.2	1.2	<0.1
98	False ragweed	<0.1	<0.1	85.0	<0.1	12.6	12.6	<0.1
99	Common yellow wood-sorrel	0.2	<0.1	15.0	<0.1	1.2	1.2	<0.1
100	Wormseed mustard	0.2	<0.1	8.1	<0.1	0.5	0.8	<0.1
101	Small-leaved lamb's-quarters	0.1	<0.1	10.0	<0.1	3.6	3.6	<0.1
102	White cockle	0.1	<0.1	30.0	<0.1	1.4	1.4	<0.1
103	Red goosefoot	0.2	<0.1	5.0	<0.1	0.2	0.2	<0.1
104	Corn gromwell	0.2	<0.1	10.0	<0.1	0.8	0.8	<0.1

(Table continued on next page)

Table 11. 2014/15 Canola in Saskatchewan (653 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
105	Spear-leaved goosefoot	0.2	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
106	Rose species	0.2	< 0.1	10.0	< 0.1	0.8	0.8	< 0.1
107	Russian pigweed	0.2	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
108	Tansy	0.2	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
109	Long-stalked starwort	0.2	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
110	Cow cockle	0.2	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
111	Corn	0.2	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
112	Clammy hedge-hyssop	0.2	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
113	Beggarticks species	0.2	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
114	Milk-vetch species	0.1	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
115	Big bluestem	0.1	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1

Field Survey Summary Tables – Flax

Table 12. 2014/15 Flax in Saskatchewan (93 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	48.7	18.6	38.2	4.3	8.9	105.6	35.9
2	Wild oats	45.2	13.8	30.6	3.6	7.9	104.6	29.4
3	Canola/rapeseed	44.0	16.3	37.0	3.2	7.2	125.6	29.1
4	Wild buckwheat	61.8	15.8	25.6	1.4	2.2	15.6	24.4
5	Wheat	23.5	7.1	30.4	1.6	6.7	50.2	14.1
6	Chickweed	7.3	2.4	32.9	2.4	32.8	177.4	11.9
7	Canada thistle	35.1	5.9	16.9	0.6	1.7	16.2	11.2
8	Round-leaved mallow	23.3	5.3	23.0	0.6	2.5	18.8	9.0
9	Stinkweed	20.7	4.8	23.3	0.6	2.8	21.4	8.3
10	Spiny annual sow-thistle	19.0	5.0	26.5	0.6	3.1	22.4	8.3
11	Lamb's-quarters	22.0	4.9	22.0	0.4	1.8	11.4	7.8
12	Barnyard grass species	17.7	4.7	26.4	0.5	2.8	12.0	7.5
13	Dandelion	22.4	4.2	18.6	0.4	1.6	11.6	7.3
14	False cleavers	19.8	4.4	22.3	0.4	2.0	10.0	7.3
15	Shepherd's-purse	18.1	4.4	24.4	0.5	2.5	14.4	7.2
16	Redroot pigweed	21.7	3.9	18.1	0.4	1.7	14.0	7.1
17	Pale smartweed	20.2	3.4	16.9	0.5	2.4	10.0	7.0
18	Kochia	23.6	3.0	12.9	0.3	1.1	5.8	6.4
19	Annual spurge species	16.1	3.5	21.7	0.3	1.8	8.8	5.7
20	Wild mustard	9.4	2.3	24.1	0.5	5.6	40.6	4.9
21	Narrow-leaved hawk's-beard	16.0	2.2	13.5	0.2	1.0	5.6	4.3
22	Black medick	7.8	2.1	27.2	0.3	4.0	19.0	3.7
23	Night-flowering catchfly	9.7	1.9	19.2	0.2	2.4	6.0	3.5
24	Perennial sow-thistle	9.4	1.7	17.7	0.1	1.3	3.4	2.9
25	Broad-leaved plantain	7.9	1.5	19.1	0.2	2.5	7.6	2.9
26	Tumble pigweed	10.2	1.1	10.6	0.1	0.7	2.6	2.4
27	Foxtail barley	11.1	0.9	8.3	<0.1	0.4	1.6	2.4
28	Hemp-nettle	3.5	1.2	32.8	0.2	5.3	15.0	2.0
29	Dock species	6.1	0.7	11.9	0.1	1.8	12.8	1.8
30	Prostrate knotweed	6.7	0.8	12.6	<0.1	0.6	1.8	1.7
31	Low cudweed	3.4	0.3	10.1	0.2	6.4	17.2	1.6
32	Russian thistle	5.4	0.7	12.9	0.1	1.3	4.4	1.5
33	Field horsetail	3.6	0.4	12.0	0.1	3.4	7.6	1.3
34	Pineappleweed	3.2	0.7	21.9	0.1	2.7	6.4	1.3
35	Flixweed	5.5	0.4	6.9	<0.1	0.5	1.2	1.1
36	Clover species	1.1	0.3	25.0	0.2	15.0	15.0	1.0
37	Quack grass	1.0	0.6	55.0	0.1	10.4	10.4	0.9
38	Annual sow-thistle	2.2	0.6	27.7	0.1	2.5	2.6	0.9
39	Henbit	1.1	0.7	65.0	0.1	5.4	5.4	0.9
40	Yellow sweet-clover	2.0	0.7	33.8	<0.1	2.0	2.2	0.9
41	Cow cockle	3.9	0.3	7.4	<0.1	0.5	1.0	0.8
42	Alfalfa	3.4	0.3	8.3	<0.1	0.7	1.6	0.8
43	Biennial wormwood	3.3	0.3	9.7	<0.1	0.5	0.8	0.7
44	Common groundsel	3.5	0.2	6.5	<0.1	0.5	0.6	0.7
45	American vetch	3.6	0.2	5.0	<0.1	0.2	0.2	0.7
46	Marsh yellow cress	3.4	0.2	5.0	<0.1	0.4	0.6	0.7
47	Bluebur	2.5	0.3	10.5	<0.1	1.2	2.0	0.6
48	Rayless aster	2.2	0.3	15.0	<0.1	1.2	2.0	0.6
49	Common pepper-grass	3.3	0.2	5.0	<0.1	0.2	0.2	0.6
50	Northern willowherb	2.4	0.2	7.7	<0.1	0.5	0.6	0.5
51	Prostrate pigweed	1.1	0.3	25.0	<0.1	3.6	3.6	0.5
52	Goat's-beard	2.2	0.1	5.0	<0.1	0.2	0.2	0.4

(Table continued on next page)

Table 12. 2014/15 Flax in Saskatchewan (93 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Purslane	2.1	0.1	5.0	< 0.1	0.2	0.2	0.4
54	Yellow foxtail	1.1	0.2	15.0	< 0.1	2.0	2.0	0.4
55	Scentless chamomile	1.0	0.2	20.0	< 0.1	1.6	1.6	0.3
56	White cockle	1.5	0.1	10.0	< 0.1	0.4	0.4	0.3
57	Rough cinquefoil	1.1	0.2	15.0	< 0.1	1.0	1.0	0.3
58	Stork's-bill	1.4	0.1	5.0	< 0.1	0.2	0.2	0.3
59	Purslane speedwell	1.3	0.1	5.0	< 0.1	0.2	0.2	0.2
60	Slough grass	1.0	0.1	10.0	< 0.1	0.4	0.4	0.2
61	Annual brome species	1.0	0.1	5.0	< 0.1	0.8	0.8	0.2
62	Canada fleabane	1.1	0.1	5.0	< 0.1	0.2	0.2	0.2
63	Persian damel	1.1	0.1	5.0	< 0.1	0.2	0.2	0.2
64	Witch grass	1.1	0.1	5.0	< 0.1	0.2	0.2	0.2
65	Field pea	1.0	0.1	5.0	< 0.1	0.4	0.4	0.2
66	Striate knotweed	0.8	< 0.1	5.0	< 0.1	0.2	0.2	0.2

Field Survey Summary Tables – Mustard

Table 13. 2014/15 Mustard in Saskatchewan (20 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	31.8	15.4	48.4	12.6	39.7	89.4	52.7
2	Lamb's-quarters	32.1	18.0	56.0	7.3	22.8	95.8	39.7
3	Stinkweed	43.9	15.1	34.5	2.9	6.7	32.6	27.7
4	Wild buckwheat	47.9	12.2	25.5	1.3	2.6	10.6	21.8
5	Canada thistle	31.6	10.1	32.1	1.8	5.7	25.0	18.6
6	Perennial sow-thistle	15.5	8.5	54.7	2.4	15.2	36.0	15.8
7	Wild oats	34.6	6.2	17.8	0.4	1.3	2.6	12.6
8	Narrow-leaved hawk's-beard	6.2	5.9	95.0	2.0	32.4	32.4	11.1
9	Redroot pigweed	20.6	6.2	29.9	0.7	3.6	7.0	10.6
10	Dandelion	18.9	7.0	37.0	0.4	2.1	3.8	9.9
11	Kochia	30.4	3.4	11.1	0.2	0.7	1.6	9.1
12	Wheat	10.4	3.9	37.8	1.4	13.8	25.0	8.9
13	Round-leaved mallow	10.6	4.2	39.8	0.3	3.1	4.8	6.1
14	Annual spurge species	5.0	4.0	80.0	0.4	7.8	7.8	4.9
15	Spiny annual sow-thistle	16.5	1.8	11.0	0.1	0.6	1.4	4.8
16	Biennial wormwood	9.5	2.8	29.8	0.3	3.1	5.4	4.7
17	Shepherd's-purse	10.1	2.5	24.9	0.2	2.2	3.0	4.4
18	Flax	5.1	3.3	65.0	0.3	5.8	5.8	4.2
19	Alfalfa	14.9	1.5	10.0	0.1	0.4	0.4	4.2
20	Flixweed	16.8	0.8	5.0	< 0.1	0.2	0.2	4.1
21	Russian thistle	10.1	0.5	5.0	< 0.1	0.2	0.2	2.4
22	Barley	5.7	1.1	20.0	0.1	1.6	1.6	2.2
23	Tumble pigweed	5.7	0.9	15.0	0.1	1.0	1.0	1.9
24	Canola/rapeseed	5.0	0.7	15.0	0.1	2.6	2.6	1.9
25	Poplar species	6.2	0.6	10.0	< 0.1	0.4	0.4	1.8
26	Wild licorice	5.4	0.5	10.0	0.1	1.4	1.4	1.7
27	Prostrate knotweed	6.2	0.3	5.0	< 0.1	0.2	0.2	1.5
28	Common pepper-grass	6.2	0.3	5.0	< 0.1	0.2	0.2	1.5
29	Milk-vetch species	6.2	0.3	5.0	< 0.1	0.2	0.2	1.5
30	Canada fleabane	5.7	0.3	5.0	< 0.1	0.2	0.2	1.4
31	Lentil	5.7	0.3	5.0	< 0.1	0.2	0.2	1.4
32	Yellow sweet-clover	5.1	0.3	5.0	< 0.1	0.4	0.4	1.3
33	Purslane	5.1	0.3	5.0	< 0.1	0.2	0.2	1.2
34	Silver-leaved Indian breadroot	5.0	0.3	5.0	< 0.1	0.2	0.2	1.2
35	Pale smartweed	5.0	0.2	5.0	< 0.1	0.2	0.2	1.2

Table 14. 2014/15 Lentil in Saskatchewan (199 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Canola/rapeseed	38.3	16.5	43.1	4.1	10.7	193.2	42.1
2	Wild oats	42.4	12.9	30.3	2.9	6.8	96.0	34.4
3	Green foxtail	28.1	9.5	34.0	4.2	14.8	269.2	33.5
4	Wild buckwheat	32.5	8.1	24.9	1.0	3.2	43.8	19.5
5	Stinkweed	19.2	5.2	27.0	2.3	12.2	268.6	19.4
6	Narrow-leaved hawks-beard	18.9	6.5	34.5	1.9	10.0	87.4	18.6
7	Canada thistle	28.3	4.4	15.6	0.5	1.7	13.0	12.6
8	Spiny annual sow-thistle	18.9	4.9	25.7	0.6	3.3	37.2	11.5
9	Kochia	23.4	4.2	17.8	0.5	2.0	43.8	11.2
10	Wild mustard	13.3	4.1	31.0	0.9	6.9	107.2	10.9
11	Wheat	20.7	4.0	19.2	0.5	2.5	26.8	10.7
12	Lamb's-quarters	22.7	3.4	14.9	0.5	2.2	52.2	10.5
13	Perennial sow-thistle	12.8	2.2	17.5	0.2	1.4	14.2	5.8
14	Barnyard grass species	7.5	1.3	17.0	0.5	6.3	42.6	5.0
15	Redroot pigweed	2.9	0.9	31.7	0.7	25.8	139.0	4.7
16	Russian thistle	8.8	1.7	19.1	0.2	1.7	6.8	4.2
17	Dandelion	10.4	1.4	13.8	0.1	0.8	3.0	4.0
18	Round-leaved mallow	6.8	1.0	15.0	0.1	0.9	2.2	2.7
19	Annual spurge species	8.0	0.8	9.5	0.1	0.6	3.8	2.7
20	Shepherd's-purse	2.8	0.9	32.2	0.2	6.3	15.4	2.3
21	Annual brome species	3.4	0.8	22.9	0.2	5.0	25.4	2.2
22	Biennial wormwood	5.9	0.6	9.4	<0.1	0.8	4.2	2.0
23	Prickly lettuce	5.8	0.6	10.5	<0.1	0.6	2.4	2.0
24	Canada fleabane	3.6	0.8	23.4	0.1	1.7	9.2	1.9
25	False cleavers	2.1	0.7	31.9	0.1	4.2	10.2	1.5
26	Black medick	2.8	0.7	23.4	0.1	2.0	5.2	1.5
27	Foxtail barley	3.2	0.5	14.7	0.1	2.0	6.2	1.4
28	Goat's-beard	3.5	0.3	9.6	<0.1	0.5	1.2	1.2
29	Barley	3.2	0.3	10.5	<0.1	0.8	2.6	1.2
30	Tumble pigweed	3.5	0.2	6.9	<0.1	0.4	1.0	1.1
31	Pale smartweed	2.6	0.2	8.5	0.1	2.3	7.6	1.1
32	Yellow sweet-clover	2.1	0.4	18.1	<0.1	1.7	5.2	1.0
33	Flax	2.6	0.2	9.5	<0.1	0.7	1.0	0.9
34	Alfalfa	2.9	0.2	7.0	<0.1	0.3	0.4	0.9
35	Cow cockle	2.1	0.3	13.7	<0.1	0.7	1.8	0.8
36	White mustard	0.8	0.5	62.5	<0.1	5.6	9.4	0.8
37	Northern willowherb	2.4	0.2	8.3	<0.1	0.5	1.6	0.8
38	Dock species	1.8	0.3	17.1	<0.1	0.9	1.4	0.8
39	Cocklebur	1.4	0.3	21.8	<0.1	1.2	3.0	0.7
40	Flixweed	1.7	0.2	14.6	<0.1	0.8	1.8	0.7
41	Prostrate pigweed	1.4	0.3	20.1	<0.1	1.3	2.8	0.7
42	Broad-leaved plantain	1.5	0.3	17.6	<0.1	1.0	2.2	0.7
43	Annual sow-thistle	1.4	0.2	16.0	<0.1	1.2	2.2	0.6
44	Hemp	0.5	0.3	55.0	<0.1	5.0	5.0	0.5
45	Golden dock	0.6	0.2	29.7	<0.1	3.4	7.8	0.4
46	Pygmyflower	1.2	0.1	7.6	<0.1	0.6	1.0	0.4
47	Field pea	1.2	0.1	7.2	<0.1	0.4	0.6	0.4
48	Night-flowering catchfly	0.6	0.1	18.7	<0.1	2.1	7.2	0.3
49	Prostrate knotweed	1.1	0.1	5.0	<0.1	0.2	0.2	0.3
50	Rough hair grass	0.5	0.1	20.0	<0.1	3.2	3.2	0.3
51	Common pepper-grass	1.0	0.1	5.0	<0.1	0.2	0.2	0.3
52	Willow species	0.8	0.1	9.3	<0.1	0.5	0.8	0.3

(Table continued on next page)

Field Survey Summary Tables – Lentil

Table 14. 2014/15 Lentil in Saskatchewan (199 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Canary grass	0.5	0.1	25.0	<0.1	1.2	1.2	0.3
54	Wild tomato	1.0	<0.1	5.0	<0.1	0.2	0.2	0.3
55	American vetch	0.9	<0.1	5.0	<0.1	0.4	0.6	0.3
56	Quack grass	0.5	<0.1	10.0	<0.1	4.8	4.8	0.3
57	Low cudweed	0.6	0.1	15.0	<0.1	1.2	1.2	0.2
58	Sunflower species	0.8	0.1	7.8	<0.1	0.3	0.4	0.2
59	Persian damel	0.5	0.1	20.0	<0.1	1.4	1.4	0.2
60	Tumble mustard	0.8	<0.1	5.0	<0.1	0.2	0.2	0.2
61	Water smartweed	0.5	<0.1	10.0	<0.1	2.2	2.2	0.2
62	Pineappleweed	0.6	0.1	10.0	<0.1	0.4	0.4	0.2
63	Oak-leaved goosefoot	0.5	0.1	10.0	<0.1	1.0	1.0	0.2
64	Rough cinquefoil	0.5	<0.1	10.0	<0.1	0.4	0.4	0.2
65	Purslane speedwell	0.4	0.1	20.0	<0.1	1.0	1.0	0.2
66	Common groundsel	0.5	<0.1	5.0	<0.1	0.4	0.4	0.2
67	Green tansy mustard	0.5	<0.1	5.0	<0.1	0.2	0.2	0.1
68	False ragweed	0.5	<0.1	5.0	<0.1	0.2	0.2	0.1
69	Striate knotweed	0.4	<0.1	10.0	<0.1	0.4	0.4	0.1
70	Clover species	0.5	<0.1	5.0	<0.1	0.4	0.4	0.1
71	Wood whitlow-grass	0.4	0.1	15.0	<0.1	0.6	0.6	0.1
72	Marsh yellow cress	0.5	<0.1	5.0	<0.1	0.2	0.2	0.1
73	Wormseed mustard	0.5	<0.1	5.0	<0.1	0.2	0.2	0.1
74	Crested wheat grass	0.4	<0.1	5.0	<0.1	0.2	0.2	0.1
75	Purslane	0.2	<0.1	15.0	<0.1	2.2	2.2	0.1

Table 15. 2014/15 Pea in Saskatchewan (127 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Canola/rapeseed	43.2	19.1	44.2	6.0	13.9	158.0	33.1
2	Green foxtail	43.9	18.2	41.4	4.5	10.2	62.6	28.6
3	Narrow-leaved hawk's-beard	40.0	13.6	34.0	5.3	13.2	153.2	27.8
4	Wild oats	51.2	16.7	32.6	3.6	7.0	78.4	26.3
5	Wild buckwheat	52.1	15.0	28.7	1.5	2.8	19.4	19.7
6	Wheat	29.3	9.6	32.9	0.9	2.9	15.0	11.9
7	Spiny annual sow-thistle	25.9	8.1	31.2	1.3	4.8	55.4	11.6
8	Canada thistle	42.3	6.3	14.9	0.6	1.5	12.2	11.3
9	Wild mustard	9.2	3.4	36.6	2.4	26.3	259.6	9.8
10	Stinkweed	18.1	5.4	29.6	1.4	7.8	46.2	9.4
11	Kochia	25.6	6.2	24.3	0.8	3.1	31.0	9.3
12	Shepherd's-purse	15.5	6.2	39.9	1.2	7.9	37.4	8.9
13	Lamb's-quarters	29.4	5.2	17.7	0.5	1.7	20.6	8.5
14	Barnyard grass species	20.8	4.7	22.5	0.9	4.2	30.0	8.0
15	Dandelion	22.4	3.3	14.6	0.2	0.9	3.6	5.5
16	Black medick	7.9	3.4	42.5	0.5	5.8	25.2	4.2
17	Perennial sow-thistle	12.6	3.2	25.0	0.2	1.6	7.0	4.1
18	False cleavers	8.8	2.3	26.0	0.3	3.7	23.2	3.4
19	Barley	8.4	2.2	26.1	0.3	4.1	26.4	3.4
20	Foxtail barley	10.5	2.1	19.8	0.2	2.2	8.0	3.3
21	Canada fleabane	12.2	1.9	15.3	0.1	1.2	6.6	3.2
22	Field violet	1.1	1.1	95.0	0.9	78.6	78.6	3.1
23	Russian thistle	11.8	1.8	15.1	0.2	1.3	9.0	3.1
24	Annual spurge species	11.0	2.1	18.9	0.1	1.2	3.6	3.1
25	Hemp-nettle	7.2	1.7	23.7	0.2	2.4	9.4	2.5
26	Low cudweed	5.0	1.4	28.8	0.3	5.7	14.6	2.3
27	Biennial wormwood	7.3	1.2	16.3	0.1	1.0	3.0	1.9
28	Round-leaved mallow	6.5	1.1	16.2	0.1	2.0	9.4	1.9
29	Flax	3.6	1.1	31.7	0.3	7.2	29.2	1.9
30	Prostrate knotweed	9.4	0.7	7.0	< 0.1	0.4	0.6	1.8
31	Annual sow-thistle	5.1	1.0	20.4	0.1	1.6	5.0	1.5
32	Common groundsel	1.9	1.1	60.0	0.2	12.3	22.8	1.5
33	Broad-leaved plantain	3.7	1.0	27.5	0.2	4.1	8.2	1.5
34	Yellow sweet-clover	5.6	0.9	15.3	< 0.1	0.8	2.2	1.4
35	Annual brome species	2.5	0.7	28.9	0.2	8.9	21.2	1.4
36	Lentil	5.2	0.7	13.3	< 0.1	0.6	1.6	1.2
37	Night-flowering catchfly	4.6	0.7	14.6	< 0.1	1.0	2.4	1.2
38	Flixweed	5.9	0.5	7.9	< 0.1	0.4	0.8	1.2
39	Slough grass	0.7	0.6	80.0	0.2	28.6	28.6	1.0
40	Redroot pigweed	3.5	0.5	14.8	0.1	1.5	5.0	0.9
41	Rough cinquefoil	4.3	0.3	6.0	< 0.1	0.3	0.4	0.8
42	American vetch	3.9	0.2	6.2	< 0.1	0.7	1.8	0.8
43	Clover species	1.7	0.6	36.8	0.1	3.0	5.8	0.7
44	Tumble pigweed	3.5	0.3	9.4	< 0.1	0.4	0.8	0.7
45	Field horsetail	2.5	0.4	14.0	0.1	2.4	5.4	0.7
46	Pale smartweed	2.4	0.4	14.8	< 0.1	1.6	3.8	0.6
47	Alfalfa	2.7	0.3	11.9	< 0.1	0.6	1.6	0.6
48	Common pepper-grass	2.5	0.3	12.1	< 0.1	0.8	1.4	0.6
49	Pineappleweed	1.6	0.4	26.1	< 0.1	1.7	3.0	0.5
50	Dock species	2.6	0.2	6.6	< 0.1	0.3	0.4	0.5
51	Scentless chamomile	2.5	0.2	6.6	< 0.1	0.5	0.6	0.5
52	Prickly lettuce	2.3	0.2	8.4	< 0.1	0.5	0.8	0.5

(Table continued on next page)

Field Survey Summary Tables – Pea

Table 15. 2014/15 Pea in Saskatchewan (127 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Northern willowherb	1.7	0.3	16.6	<0.1	1.5	2.8	0.5
54	Goat's-beard	2.5	0.1	5.0	<0.1	0.2	0.2	0.4
55	American dragonhead	2.1	0.2	10.3	<0.1	0.4	0.6	0.4
56	Persian damel	0.7	0.4	55.0	<0.1	3.2	3.2	0.4
57	Tumble mustard	1.9	0.2	10.0	<0.1	0.5	0.6	0.4
58	Purslane speedwell	1.6	0.2	12.4	<0.1	0.9	1.6	0.4
59	Blue lettuce	1.4	0.1	7.7	<0.1	1.3	1.4	0.3
60	Rayless aster	1.4	0.1	10.0	<0.1	0.9	1.6	0.3
61	Green tansy mustard	0.9	0.2	20.0	<0.1	1.0	1.0	0.3
62	Cow cockle	1.5	0.1	5.0	<0.1	0.2	0.2	0.3
63	Scouring-rush	1.0	0.1	10.0	<0.1	0.8	0.8	0.2
64	Golden dock	0.7	0.1	15.0	<0.1	1.8	1.8	0.2
65	Cocklebur	0.7	0.1	15.0	<0.1	0.8	0.8	0.2
66	Common yellow wood-sorrel	0.8	0.1	10.0	<0.1	0.8	0.8	0.2
67	Pygmyflower	1.0	<0.1	5.0	<0.1	0.2	0.2	0.2
68	Yellow toadflax	1.0	<0.1	5.0	<0.1	0.2	0.2	0.2
69	Russian pigweed	0.9	<0.1	5.0	<0.1	0.2	0.2	0.2
70	Willow species	0.9	<0.1	5.0	<0.1	0.2	0.2	0.2
71	Aster species	0.9	<0.1	5.0	<0.1	0.2	0.2	0.2
72	Purslane	0.8	<0.1	5.0	<0.1	0.4	0.4	0.1
73	Absinth	0.8	<0.1	5.0	<0.1	0.4	0.4	0.1
74	Milk-vetch species	0.8	<0.1	5.0	<0.1	0.2	0.2	0.1
75	Marsh yellow cress	0.8	<0.1	5.0	<0.1	0.2	0.2	0.1
76	Quack grass	0.8	<0.1	5.0	<0.1	0.2	0.2	0.1
77	Siberian elm	0.8	<0.1	5.0	<0.1	0.2	0.2	0.1
78	Bluebur	0.7	<0.1	5.0	<0.1	0.4	0.4	0.1
79	Skeletonweed	0.7	<0.1	5.0	<0.1	0.2	0.2	0.1
80	Goldenrod species	0.7	<0.1	5.0	<0.1	0.2	0.2	0.1
81	Rose species	0.7	<0.1	5.0	<0.1	0.6	0.6	0.1
82	Sunflower species	0.6	<0.1	5.0	<0.1	0.2	0.2	0.1
83	Scouler's popcomflower	0.6	<0.1	5.0	<0.1	0.4	0.4	0.1
84	Rough hair grass	0.5	<0.1	5.0	<0.1	0.2	0.2	0.1

Table 16. 2014/15 Mixed crops in Saskatchewan (11 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Corn spurry	26.3	23.6	90.0	53.9	205.5	276.2	42.4
2	Green foxtail	89.8	45.1	50.2	16.9	18.8	91.6	30.3
3	Wild buckwheat	100.0	44.8	44.8	4.9	4.9	14.4	23.5
4	Shepherd's-purse	50.1	30.3	60.5	17.2	34.4	82.0	23.1
5	Quack grass	42.6	9.6	22.5	19.3	45.2	271.8	18.4
6	Lamb's-quarters	71.2	23.2	32.5	3.1	4.3	18.0	14.3
7	Wild oats	56.4	27.5	48.8	2.4	4.2	11.8	13.6
8	Dandelion	41.4	19.3	46.6	1.9	4.5	8.4	9.9
9	Alfalfa	34.6	12.8	36.9	3.0	8.7	12.6	8.3
10	Yellow sweet-clover	9.0	9.0	100.0	6.9	76.8	76.8	7.5
11	Clover species	18.1	9.5	52.7	3.9	21.5	42.6	6.5
12	Field pea	27.1	11.5	42.5	1.6	6.1	9.6	6.4
13	Wild mustard	8.1	8.1	100.0	4.4	54.4	54.4	5.6
14	Broad-leaved plantain	25.1	7.9	31.6	1.8	7.1	22.0	5.4
15	Redroot pigweed	32.3	7.7	24.0	0.7	2.2	6.4	5.3
16	Stork's-bill	17.4	10.2	58.8	1.8	10.3	15.6	5.3
17	Round-leaved mallow	25.9	8.5	32.9	0.9	3.5	6.8	5.1
18	Canada thistle	23.9	8.8	36.6	0.9	3.7	7.4	4.9
19	Wheat	9.0	8.1	90.0	2.8	31.4	31.4	4.7
20	Pale smartweed	25.1	7.5	29.9	0.5	1.8	3.6	4.5
21	Barnyard grass species	18.1	5.9	32.4	2.1	11.5	22.8	4.4
22	Chickweed	9.3	6.1	65.0	2.7	29.4	29.4	4.1
23	Stinkweed	32.5	3.0	9.3	0.2	0.6	1.2	3.8
24	Spiny annual sow-thistle	24.9	4.9	19.5	0.5	2.1	3.4	3.8
25	Foxtail barley	25.4	4.2	16.5	0.4	1.6	3.0	3.6
26	Marsh yellow cress	23.7	3.7	15.7	0.2	0.8	1.0	3.2
27	Pineappleweed	16.9	5.1	30.0	0.6	3.4	3.4	3.2
28	Low cudweed	16.9	1.7	10.0	1.9	11.2	11.2	3.2
29	Black medick	16.9	4.9	29.0	0.3	1.5	2.2	2.9
30	Meadow brome	16.9	4.2	25.0	0.2	1.0	1.0	2.7
31	Narrow-leaved hawk's-beard	23.7	1.2	5.0	< 0.1	0.2	0.2	2.5
32	Biennial wormwood	15.8	2.7	17.1	0.1	0.8	0.8	2.2
33	Night-flowering catchfly	17.4	0.9	5.0	0.1	0.4	0.6	1.8
34	Canola/rapeseed	6.8	3.7	55.0	0.3	3.8	3.8	1.7
35	Canada fleabane	8.1	1.6	20.0	0.1	0.8	0.8	1.2
36	Rough hair grass	8.1	1.2	15.0	0.1	1.4	1.4	1.1
37	Bluebur	9.3	0.9	10.0	< 0.1	0.4	0.4	1.1
38	Field violet	9.3	0.9	10.0	< 0.1	0.4	0.4	1.1
39	Sunflower species	9.0	0.9	10.0	0.1	0.8	0.8	1.1
40	Thyme-leaved sandwort	9.0	0.9	10.0	0.1	0.6	0.6	1.1
41	Common groundsel	9.3	0.5	5.0	< 0.1	0.2	0.2	1.0
42	Lentil	9.0	0.4	5.0	< 0.1	0.2	0.2	0.9
43	Field horsetail	8.1	0.4	5.0	0.1	1.6	1.6	0.9
44	Prostrate knotweed	8.1	0.4	5.0	< 0.1	0.2	0.2	0.8
45	Northern willowherb	6.8	0.3	5.0	< 0.1	0.2	0.2	0.7
46	Cow cockle	6.2	0.3	5.0	< 0.1	0.2	0.2	0.7

Field Survey Summary Tables – Density, Species Richness and Weed-Free Quadrats by Ecoregion

Table 17. Number of fields surveyed by crop in each ecoregion

	Boreal Transition	Aspen Parkland	Moist Mixed Grassland	Mixed Grassland
Spring wheat	93	227	172	65
Durum	-	2	67	217
Barley	22	78	43	26
Oat	27	62	22	16
Canola	142	273	177	61
Flax	7	21	37	28
Mustard	-	2	6	12
Lentil	-	5	78	116
Pea	6	26	42	53
Mixed crops	3	6	1	1
Annual crops	300	702	645	595

Table 18. Density, species richness and weed-free quadrats in the surveyed crops in each ecoregion

Area	Number of fields surveyed	Density (number/m ²)			Species (number/field)		Weed-free quadrats	
		mean	SE	median	mean	SE	%	SE
Boreal Transition								
Annual crops	300	54.0	5.2	25.2	9.2	0.3	17.4	2.2
Spring wheat	93	54.1	9.9	19.9	8.7	0.5	21.2	4.2
Barley	22	69.4	27.5	31.8	8.8	1.0	11.8	6.9
Oat	27	104.4	29.9	50.5	10.6	1.3	12.7	6.4
Canola	142	35.1	3.1	25.0	9.1	0.4	17.8	3.2
Aspen Parkland								
Annual crops	702	45.8	3.2	19.3	8.0	0.2	20.1	1.5
Spring wheat	227	47.7	5.5	23.7	8.3	0.3	18.5	2.6
Barley	78	66.7	14.1	21.8	8.3	0.5	19.1	4.5
Oat	62	74.5	16.7	21.8	6.9	0.6	22.4	5.3
Canola	273	32.2	3.3	14.4	7.8	0.2	23.1	2.6
Flax	21	19.1	2.6	14.1	8.3	0.7	15.8	8.0
Pea	26	42.5	7.5	24.8	8.9	0.6	9.6	5.8
Moist Mixed Grassland								
Annual crops	645	44.4	2.5	25.4	7.3	0.2	20.5	1.6
Spring wheat	172	56.9	6.1	34.2	7.9	0.3	16.4	2.8
Durum	67	26.6	5.2	7.2	5.0	0.4	37.7	5.9
Barley	43	54.0	7.9	40.7	8.4	0.6	9.9	4.6
Oat	22	58.5	10.9	49.3	8.4	0.6	13.0	7.2
Canola	177	41.1	4.8	21.4	7.1	0.3	20.0	3.0
Flax	37	24.6	4.8	15.3	7.2	0.5	22.6	6.9
Lentil	78	31.3	5.5	13.5	6.2	0.4	26.1	5.0
Pea	42	48.4	8.6	31.3	8.5	0.7	20.2	6.2
Mixed Grassland								
Annual crops	595	29.6	3.0	4.4	3.8	0.1	50.7	2.0
Spring wheat	65	70.1	16.7	19.7	5.0	0.4	31.8	5.8
Durum	217	27.2	4.5	3.8	3.3	0.2	54.5	3.4
Barley	26	57.4	18.3	12.7	4.6	0.7	32.3	9.2
Oat	16	43.1	16.6	10.1	6.0	1.1	31.7	11.6
Canola	61	21.7	5.9	3.4	3.7	0.4	54.8	6.4
Flax	28	17.5	5.7	4.0	4.6	0.5	45.2	9.4
Mustard	12	6.9	4.6	1.5	3.2	0.8	66.8	13.6
Lentil	116	18.2	4.5	2.4	3.3	0.2	57.6	4.6
Pea	53	18.2	6.0	4.2	4.2	0.5	52.3	6.9

Table 19. 2014/15 Annual crops in the Boreal Transition Ecoregion (300 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Wild buckwheat	76.7	26.0	34.0	3.0	3.9	56.8	24.8
2	Wild oats	58.3	20.9	35.8	4.9	8.5	127.8	24.3
3	False cleavers	47.3	17.5	37.1	2.5	5.4	69.6	17.2
4	Low cudweed	29.8	9.5	31.9	5.2	17.5	501.8	16.9
5	Barnyard grass species	22.7	8.1	35.7	5.6	24.7	272.6	16.2
6	Chickweed	30.8	9.8	31.9	4.0	13.1	221.8	14.9
7	Green foxtail	16.4	8.4	51.2	4.6	28.3	299.2	13.9
8	Canola/rapeseed	35.0	12.4	35.6	2.5	7.2	125.6	13.7
9	Broad-leaved plantain	34.3	8.1	23.6	1.4	3.9	76.0	9.6
10	Field horsetail	31.8	7.1	22.2	1.4	4.5	77.0	9.1
11	Canada thistle	38.4	7.7	20.1	0.7	1.7	14.6	8.7
12	Hemp-nettle	31.3	7.8	24.8	1.1	3.4	32.2	8.6
13	Pale smartweed	29.1	6.8	23.5	1.0	3.3	81.2	7.8
14	Spiny annual sow-thistle	27.6	7.3	26.4	0.9	3.4	55.4	7.8
15	Dandelion	36.3	6.5	17.8	0.6	1.6	25.6	7.7
16	Shepherd's-purse	27.5	6.4	23.3	1.1	3.9	54.4	7.7
17	Wheat	23.2	6.3	27.3	0.8	3.5	33.6	6.7
18	Narrow-leaved hawk's-beard	24.1	6.0	25.0	0.8	3.1	24.0	6.5
19	Lamb's-quarters	26.4	4.6	17.5	0.4	1.6	24.0	5.6
20	Northern willowherb	22.1	4.4	19.9	0.5	2.0	30.8	5.1
21	Purslane speedwell	15.2	3.2	21.1	0.8	5.3	70.2	4.5
22	Corn spurry	2.9	1.3	45.6	1.9	67.0	276.2	4.5
23	Blue grass species	5.5	1.6	28.9	1.6	28.6	207.2	4.2
24	Annual sow-thistle	11.1	3.7	33.5	0.7	6.5	90.2	4.1
25	Stork's-bill	10.7	3.3	30.8	0.6	5.9	42.0	3.7
26	Perennial sow-thistle	16.7	2.7	16.0	0.2	1.3	13.2	3.3
27	Night-flowering catchfly	16.6	2.4	14.6	0.2	1.4	16.6	3.2
28	Marsh yellow cress	12.6	2.1	16.8	0.5	3.8	94.6	3.1
29	Willow species	7.8	1.8	22.6	0.2	2.9	37.4	2.0
30	Foxtail barley	9.2	1.5	15.8	0.2	2.0	13.0	1.9
31	Clover species	7.8	1.5	19.4	0.2	2.9	22.6	1.9
32	Rough cinquefoil	7.1	1.5	20.7	0.2	2.3	13.6	1.7
33	Flax	0.8	0.5	68.1	0.7	92.7	156.0	1.7
34	Canada fleabane	6.7	1.4	21.0	0.2	2.3	18.6	1.6
35	Alfalfa	3.7	1.5	39.1	0.3	6.8	17.6	1.5
36	Field violet	2.1	0.9	41.0	0.4	20.7	78.6	1.4
37	Pineappleweed	7.2	1.1	14.7	0.1	1.3	3.4	1.4
38	Stinkweed	7.6	0.9	12.4	0.1	1.3	11.4	1.4
39	Prostrate knotweed	7.4	0.9	11.6	0.1	1.3	13.4	1.3
40	Round-leaved mallow	7.1	0.9	12.9	0.1	1.2	10.0	1.3
41	American dragonhead	7.4	0.9	12.4	0.1	0.8	6.6	1.3
42	Thyme-leaved sandwort	0.3	0.3	100.0	0.4	117.0	117.0	0.9
43	Wild mustard	5.1	0.7	13.8	< 0.1	0.9	4.6	0.9
44	Black medick	4.3	0.6	12.9	0.1	2.0	30.6	0.9
45	Rough hair grass	3.3	0.8	23.2	0.1	2.4	12.2	0.8
46	American vetch	5.0	0.4	9.0	< 0.1	0.5	1.8	0.8
47	Quack grass	3.5	0.5	13.9	0.1	2.7	18.0	0.8
48	Kochia	3.2	0.4	12.7	0.1	1.6	6.2	0.6
49	Slough grass	3.2	0.4	12.1	< 0.1	0.9	2.6	0.6
50	Golden dock	2.4	0.4	16.9	0.1	2.6	17.8	0.6
51	Oats	1.9	0.5	26.9	0.1	3.7	6.4	0.5
52	Barley	2.3	0.5	22.5	< 0.1	1.6	5.4	0.5

(Table continued on next page)

Field Survey Summary Tables – Boreal Transition Ecoregion

Table 19. 2014/15 Annual crops in the Boreal Transition Ecoregion (300 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Pygmyflower	2.3	0.4	16.6	<0.1	1.9	7.4	0.5
54	Common groundsel	3.1	0.2	7.0	<0.1	0.3	0.6	0.4
55	Long-stalked chickweed	1.2	0.5	45.0	0.1	5.0	11.8	0.4
56	Rayless aster	2.8	0.2	7.1	<0.1	0.3	0.6	0.4
57	Henbit	1.7	0.4	22.8	<0.1	1.6	5.4	0.4
58	Bluebur	2.3	0.2	8.2	<0.1	0.8	2.0	0.4
59	Tumble pigweed	2.0	0.3	13.4	<0.1	0.9	3.2	0.4
60	Meadow brome	2.0	0.3	13.5	<0.1	0.8	2.0	0.4
61	Biennial wormwood	2.3	0.2	7.6	<0.1	0.4	1.2	0.3
62	Scouring-rush	1.2	0.1	12.2	0.1	6.4	23.0	0.3
63	Field pea	0.6	0.4	65.0	0.1	9.6	9.6	0.3
64	Oak-leaved goosefoot	1.6	0.2	14.6	<0.1	1.5	4.6	0.3
65	Redroot pigweed	1.1	0.3	24.0	<0.1	3.1	10.0	0.3
66	Flixweed	1.4	0.2	12.3	<0.1	1.7	6.0	0.3
67	Yellow s sweet-clover	1.4	0.2	15.2	<0.1	0.6	1.2	0.3
68	Scentless chamomile	1.2	0.2	14.2	<0.1	1.3	2.0	0.2
69	Bicknell's geranium	1.7	0.1	5.0	<0.1	0.2	0.2	0.2
70	Wood whitlow-grass	0.7	0.2	29.3	<0.1	2.8	3.6	0.2
71	Dog mustard	0.3	0.2	60.0	<0.1	8.6	8.6	0.2
72	Burning nettle	0.8	0.1	11.4	<0.1	0.5	0.8	0.1
73	White cockle	0.7	0.1	17.4	<0.1	0.8	1.4	0.1
74	Prostrate pigweed	0.7	0.1	12.5	<0.1	0.7	1.0	0.1
75	Borage	0.4	0.1	30.0	<0.1	2.6	2.6	0.1
76	Small-seeded false flax	0.3	0.1	35.0	<0.1	3.2	3.2	0.1
77	Poplar species	0.6	0.1	9.9	<0.1	0.4	0.6	0.1
78	Dock species	0.7	<0.1	7.5	<0.1	0.3	0.4	0.1
79	Lentil	0.7	<0.1	5.0	<0.1	0.2	0.2	0.1
80	Ball mustard	0.6	<0.1	5.0	<0.1	0.2	0.2	0.1
81	Cattail	0.6	<0.1	5.0	<0.1	0.4	0.6	0.1
82	Tumble mustard	0.5	<0.1	10.0	<0.1	0.6	0.6	0.1
83	Aster species	0.3	0.1	20.0	<0.1	2.2	2.2	0.1
84	Philadelphia fleabane	0.3	<0.1	15.0	<0.1	1.4	1.4	0.1
85	Red goosefoot	0.5	<0.1	5.0	<0.1	0.2	0.2	0.1
86	Wild tomato	0.3	<0.1	10.0	<0.1	0.8	0.8	0.1
87	Long-stalked starwort	0.4	<0.1	5.0	<0.1	0.2	0.2	<0.1
88	Common yarrow	0.3	<0.1	5.0	<0.1	0.2	0.2	<0.1
89	Annual spurge species	0.3	<0.1	10.0	<0.1	0.6	0.6	<0.1
90	Spear-leaved goosefoot	0.3	<0.1	5.0	<0.1	0.4	0.4	<0.1
91	Siberian elm	0.3	<0.1	5.0	<0.1	0.2	0.2	<0.1
92	Clammy hedge-hyssop	0.3	<0.1	5.0	<0.1	0.2	0.2	<0.1
93	Toad nush	0.3	<0.1	5.0	<0.1	0.2	0.2	<0.1
94	Goat's-beard	0.3	<0.1	6.4	<0.1	0.3	0.8	<0.1
95	Prickly lettuce	0.3	<0.1	5.0	<0.1	0.2	0.2	<0.1
96	Common pepper-grass	0.3	<0.1	5.0	<0.1	0.2	0.2	<0.1
97	Wormseed mustard	0.3	<0.1	5.0	<0.1	0.2	0.2	<0.1

Field Survey Summary Tables – Spring wheat in the Boreal Transition Ecoregion

Table 20. 2014/15 Spring wheat in the Boreal Transition Ecoregion (93 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Wild oats	50.4	20.5	40.6	7.3	14.4	127.8	28.2
2	Wild buckwheat	72.5	26.5	36.5	4.1	5.6	56.8	27.5
3	Barnyard grass species	18.7	7.8	41.6	8.5	45.5	271.4	21.3
4	False cleavers	52.3	18.9	36.1	2.5	4.8	25.6	19.0
5	Canola/rapeseed	51.6	16.5	31.9	2.0	4.0	27.6	17.0
6	Green foxtail	15.1	8.8	58.6	5.8	38.8	169.8	16.4
7	Chickweed	23.7	7.2	30.3	3.7	15.8	221.8	12.8
8	Spiny annual sow-thistle	32.9	11.4	34.6	1.6	4.8	32.2	11.7
9	Canada thistle	50.2	9.8	19.5	0.8	1.6	11.4	11.6
10	Hemp-nettle	37.7	9.5	25.1	1.5	4.0	32.2	11.3
11	Low cudweed	27.0	6.3	23.3	2.6	9.5	67.2	10.6
12	Dandelion	40.1	7.9	19.6	0.6	1.6	13.8	9.2
13	Field horsetail	35.9	7.5	20.7	1.0	2.7	23.6	9.2
14	Pale smartweed	27.6	5.8	21.2	0.6	2.1	10.0	6.8
15	Lamb's-quarters	24.2	4.7	19.3	0.6	2.5	24.0	6.0
16	Broad-leaved plantain	24.3	5.2	21.3	0.4	1.6	6.0	5.8
17	Narrow-leaved hawk's-beard	19.4	5.0	25.8	0.6	3.2	22.0	5.6
18	Flax	2.6	1.8	68.1	2.4	92.7	156.0	5.5
19	Shepherd's-purse	23.3	3.8	16.5	0.6	2.5	21.6	5.5
20	Annual sow-thistle	10.0	3.2	31.8	1.2	12.1	90.2	4.8
21	Perennial sow-thistle	21.4	3.8	17.5	0.3	1.6	13.2	4.7
22	Northern willowherb	17.0	3.7	21.5	0.5	2.7	17.8	4.4
23	Stork's-bill	8.5	3.4	39.6	0.8	8.9	42.0	3.9
24	Purslane speedwell	13.8	2.4	17.1	0.6	4.2	37.2	3.7
25	Foxtail barley	15.0	1.9	12.9	0.3	1.7	5.6	3.0
26	Canada fleabane	6.3	2.5	39.7	0.4	6.1	18.6	2.5
27	Night-flowering catchfly	15.3	1.3	8.5	0.1	0.5	1.8	2.5
28	Marsh yellow cress	10.5	1.5	14.1	0.2	2.1	11.6	2.3
29	Willow species	8.3	2.0	24.1	0.2	2.1	7.2	2.1
30	Blue grass species	6.7	1.3	19.9	0.4	5.8	27.0	2.1
31	Wheat	2.8	1.6	56.1	0.4	15.3	33.6	1.8
32	Round-leaved mallow	8.0	1.1	14.2	0.2	1.9	10.0	1.7
33	Stinkweed	5.5	1.4	24.7	0.2	4.1	11.4	1.6
34	Pineappleweed	8.7	0.9	10.7	0.1	0.9	3.4	1.6
35	American dragonhead	9.0	0.7	7.3	< 0.1	0.3	0.4	1.4
36	Rough cinquefoil	6.6	0.7	10.1	0.1	1.7	6.0	1.3
37	Scouring-rush	2.9	0.4	13.0	0.2	7.8	23.0	0.9
38	Prostrate knotweed	4.2	0.6	15.2	< 0.1	1.0	2.0	0.8
39	Oats	2.1	0.9	42.5	0.1	4.3	5.2	0.8
40	Long-stalked chickweed	1.1	1.0	85.0	0.1	11.8	11.8	0.8
41	Rayless aster	5.1	0.4	6.9	< 0.1	0.3	0.6	0.8
42	Slough grass	3.4	0.6	17.1	0.1	1.8	2.6	0.8
43	American vetch	5.1	0.3	5.9	< 0.1	0.3	0.6	0.7
44	Clover species	3.3	0.4	11.8	< 0.1	1.1	2.6	0.6
45	Field violet	2.2	0.4	17.6	0.1	3.4	6.0	0.6
46	Corn spurry	1.1	0.7	60.0	0.1	4.8	4.8	0.5
47	Black medick	3.2	0.2	6.6	< 0.1	0.3	0.4	0.5
48	Common groundsel	3.0	0.3	8.6	< 0.1	0.4	0.6	0.5
49	Biennial wormwood	3.1	0.2	6.9	< 0.1	0.3	0.4	0.5
50	Quack grass	2.2	0.2	7.4	< 0.1	1.7	3.4	0.4
51	Borage	1.3	0.4	30.0	< 0.1	2.6	2.6	0.4
52	Golden dock	2.1	0.2	9.9	< 0.1	0.4	0.6	0.3

(Table continued on next page)

Field Survey Summary Tables – Spring wheat in the Boreal Transition Ecoregion

Table 20. 2014/15 Spring wheat in the Boreal Transition Ecoregion (93 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Pygmyflower	1.9	0.2	12.9	<0.1	0.6	0.8	0.3
54	Dock species	2.1	0.2	7.5	<0.1	0.3	0.4	0.3
55	Bicknell's geranium	2.1	0.1	5.0	<0.1	0.2	0.2	0.3
56	Rough hair grass	2.0	0.1	5.0	<0.1	0.2	0.2	0.3
57	Henbit	1.9	0.1	5.0	<0.1	0.2	0.2	0.3
58	Wild mustard	1.5	0.2	10.0	<0.1	0.4	0.4	0.3
59	Oak-leaved goosefoot	1.0	0.1	15.0	<0.1	2.8	2.8	0.2
60	Philadelphia fleabane	1.1	0.2	15.0	<0.1	1.4	1.4	0.2
61	Bluebur	1.5	0.1	5.0	<0.1	0.2	0.2	0.2
62	Wild tomato	1.1	0.1	10.0	<0.1	0.8	0.8	0.2
63	Redroot pigweed	0.9	0.1	10.0	<0.1	1.6	1.6	0.2
64	Common yarrow	1.1	0.1	5.0	<0.1	0.2	0.2	0.2
65	Yellow sweet-clover	1.1	0.1	5.0	<0.1	0.2	0.2	0.2
66	Spear-leaved goosefoot	1.1	0.1	5.0	<0.1	0.4	0.4	0.2
67	Kochia	1.1	0.1	5.0	<0.1	0.2	0.2	0.2
68	Toad rush	1.1	0.1	5.0	<0.1	0.2	0.2	0.1
69	Barley	1.1	0.1	5.0	<0.1	0.2	0.2	0.1
70	Common pepper-grass	0.9	<0.1	5.0	<0.1	0.2	0.2	0.1

Field Survey Summary Tables – Barley in the Boreal Transition Ecoregion

Table 21. 2014/15 Barley in the Boreal Transition Ecoregion (22 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Low cudweed	19.2	8.1	42.2	32.3	167.9	501.8	52.0
2	Wild buckwheat	87.0	35.4	40.7	4.2	4.9	29.8	30.4
3	Wild oats	71.0	27.4	38.7	4.3	6.1	25.2	25.5
4	Canola/rapeseed	47.2	16.8	35.7	4.0	8.6	41.8	18.0
5	Chickweed	27.0	14.1	52.3	5.8	21.7	77.6	17.2
6	False cleavers	41.0	17.5	42.7	2.2	5.4	17.2	15.0
7	Pale smartweed	45.1	12.3	27.3	2.6	5.8	30.6	13.9
8	Canada thistle	53.4	10.4	19.5	0.9	1.7	7.4	11.6
9	Barnyard grass species	29.3	8.4	28.8	1.5	5.1	15.2	8.9
10	Hemp-nettle	23.8	10.3	43.3	1.3	5.4	10.2	8.8
11	Field horsetail	33.1	6.5	19.6	0.7	2.3	8.6	7.5
12	Annual sow-thistle	18.5	7.5	40.4	0.9	4.8	14.0	6.4
13	Green foxtail	12.3	6.4	52.0	1.5	11.8	26.0	6.1
14	Narrow-leaved hawk's-beard	23.5	6.1	26.0	0.5	2.3	4.6	6.0
15	Broad-leaved plantain	27.4	4.8	17.5	0.6	2.1	6.6	5.9
16	Stork's-bill	22.9	4.8	21.1	0.8	3.5	12.4	5.7
17	Dandelion	29.1	4.2	14.6	0.3	1.0	2.0	5.4
18	Spiny annual sow-thistle	26.6	4.1	15.3	0.3	1.0	2.4	5.1
19	Prostrate knotweed	15.5	3.9	25.2	0.8	5.2	13.4	4.5
20	Night-flowering catchfly	16.0	5.0	31.5	0.4	2.7	6.6	4.5
21	Lamb's-quarters	27.7	2.7	9.8	0.1	0.4	0.8	4.4
22	Wheat	25.9	2.7	10.4	0.2	0.8	3.2	4.4
23	Perennial sow-thistle	18.3	3.6	19.5	0.3	1.8	5.2	4.0
24	Clover species	16.0	2.8	17.5	0.4	2.8	6.4	3.6
25	Oats	11.0	2.3	20.8	0.5	4.8	6.4	2.9
26	Northern willowherb	11.0	2.0	17.9	0.1	0.7	0.8	2.2
27	Long-stalked chickweed	6.4	2.9	45.0	0.2	2.8	2.8	2.1
28	Round-leaved mallow	12.3	1.4	11.4	0.1	0.8	1.4	2.1
29	Wood whitlow-grass	6.4	2.2	35.0	0.2	3.6	3.6	2.0
30	Purslane speedwell	10.5	1.5	14.0	0.1	0.7	1.0	1.9
31	Foxtail barley	3.7	1.8	50.0	0.5	13.0	13.0	1.8
32	Flixweed	4.8	1.4	30.0	0.3	6.0	6.0	1.5
33	Alfalfa	6.4	0.6	10.0	< 0.1	0.4	0.4	1.0
34	Rough cinquefoil	4.8	0.7	15.0	0.1	1.6	1.6	1.0
35	Wild mustard	4.8	0.7	15.0	< 0.1	1.0	1.0	0.9
36	Meadow brome	6.4	0.3	5.0	< 0.1	0.4	0.4	0.9
37	American dragonhead	4.2	0.8	20.0	< 0.1	1.0	1.0	0.9
38	Marsh yellow cress	3.9	0.8	20.0	0.1	1.4	1.4	0.8
39	Willow species	3.9	0.4	10.0	< 0.1	0.6	0.6	0.6
40	American vetch	3.7	0.2	5.0	< 0.1	0.8	0.8	0.5
41	Common groundsel	3.9	0.2	5.0	< 0.1	0.2	0.2	0.5
42	Henbit	3.9	0.2	5.0	< 0.1	0.2	0.2	0.5
43	Stinkweed	3.7	0.2	5.0	< 0.1	0.2	0.2	0.5
44	Black medick	3.2	0.2	5.0	< 0.1	0.2	0.2	0.4

Field Survey Summary Tables – Oat in the Boreal Transition Ecoregion

Table 22. 2014/15 Oat in the Boreal Transition Ecoregion (27 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Barnyard grass species	38.0	15.9	41.9	19.8	52.1	272.6	27.7
2	Green foxtail	19.2	13.3	69.1	18.5	96.5	299.2	23.8
3	Wild oats	54.3	21.6	39.9	6.8	12.5	84.4	18.7
4	Wild buckwheat	76.0	25.8	33.9	3.1	4.0	22.2	18.5
5	Field horsetail	31.1	13.9	44.7	6.2	19.9	77.0	13.4
6	Low cudweed	29.4	14.1	48.0	4.6	15.5	71.8	11.7
7	Chickweed	20.5	9.3	45.4	5.6	27.2	79.8	10.3
8	Pale smartweed	39.9	9.6	24.0	3.5	8.7	81.2	10.2
9	Canola/rapeseed	41.4	13.1	31.8	1.8	4.4	29.0	9.9
10	Broad-leaved plantain	47.1	10.2	21.5	2.0	4.2	33.4	9.7
11	Hemp-nettle	33.5	11.0	32.9	1.9	5.8	28.0	8.6
12	Purslane speedwell	22.8	8.6	37.5	3.7	16.4	70.2	8.5
13	Canada thistle	48.6	8.8	18.0	0.9	1.9	14.6	8.3
14	Narrow-leaved hawk's-beard	33.6	11.0	32.7	1.4	4.2	13.2	8.1
15	False cleavers	30.0	8.3	27.6	1.3	4.3	10.0	6.8
16	Marsh yellow cress	15.3	5.8	38.0	3.3	21.8	94.6	6.5
17	Dandelion	33.5	7.6	22.6	0.6	1.9	6.6	6.2
18	Thyme-leaved sandwort	3.9	3.9	100.0	4.6	117.0	117.0	6.1
19	Lamb's-quarters	33.2	6.2	18.7	0.4	1.2	3.6	5.5
20	Willow species	15.7	7.6	48.8	1.6	10.2	37.4	5.5
21	Northern willowherb	22.8	5.7	25.2	1.3	5.6	30.8	5.2
22	Night-flowering catchfly	20.4	7.1	34.7	0.9	4.6	16.6	5.1
23	Blue grass species	11.4	5.0	44.1	2.2	19.1	52.8	4.8
24	Perennial sow-thistle	17.2	4.8	28.0	0.5	2.9	6.6	3.7
25	Shepherd's-purse	16.5	4.6	27.6	0.4	2.7	9.8	3.5
26	Wheat	24.1	2.7	11.4	0.3	1.2	5.2	3.5
27	Alfalfa	9.7	5.1	53.2	0.9	9.2	15.2	3.4
28	Black medick	12.8	3.6	28.2	0.9	6.8	30.6	3.2
29	Clover species	8.3	4.4	53.6	0.9	11.0	22.6	3.1
30	Wild mustard	16.1	3.3	20.2	0.3	1.8	4.6	2.9
31	Foxtail barley	12.7	3.3	26.3	0.4	3.2	4.2	2.7
32	Rough cinquefoil	13.2	2.8	21.4	0.2	1.5	4.0	2.4
33	Spiny annual sow-thistle	11.5	2.6	22.7	0.3	2.5	7.4	2.2
34	Round-leaved mallow	13.0	2.2	16.9	0.2	1.4	4.4	2.1
35	Annual sow-thistle	11.3	2.5	21.9	0.3	2.2	5.0	2.1
36	Prostrate knotweed	14.5	1.4	9.7	0.1	0.6	1.6	1.9
37	Quack grass	8.2	1.4	17.4	0.6	7.7	18.0	1.8
38	Pineappleweed	12.3	1.2	9.5	0.2	1.4	3.2	1.7
39	Stinkweed	12.8	1.3	9.9	0.1	0.4	1.2	1.7
40	Tumble pigweed	9.7	1.9	19.9	0.1	1.3	3.2	1.7
41	Canada fleabane	10.9	1.6	14.8	0.1	0.9	2.0	1.6
42	Corn spurry	3.9	2.2	55.0	0.5	12.6	12.6	1.5
43	Stork's-bill	10.0	1.4	14.0	0.1	1.2	2.0	1.5
44	Slough grass	11.3	1.2	10.2	0.1	0.5	1.2	1.5
45	Pygmyflower	7.3	1.3	17.3	0.2	2.1	4.0	1.2
46	Redroot pigweed	3.0	1.8	60.0	0.3	10.0	10.0	1.1
47	Oak-leaved goosefoot	3.4	1.5	45.0	0.2	4.6	4.6	1.0
48	American vetch	6.5	0.7	10.9	0.1	0.8	1.8	0.9
49	Rough hair grass	6.3	0.5	7.7	<0.1	0.7	0.8	0.8
50	Common groundsel	7.0	0.3	5.0	<0.1	0.2	0.2	0.8
51	Aster species	3.1	0.6	20.0	0.1	2.2	2.2	0.6
52	Field violet	3.7	0.6	15.0	<0.1	0.6	0.6	0.6

(Table continued on next page)

Field Survey Summary Tables – Oat in the Boreal Transition Ecoregion

Table 22. 2014/15 Oat in the Boreal Transition Ecoregion (27 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Scouring-rush	3.6	0.4	10.0	0.1	2.4	2.4	0.5
54	Scentless chamomile	3.0	0.6	20.0	0.1	2.0	2.0	0.5
55	Long-stalked chickweed	3.9	0.2	5.0	< 0.1	1.0	1.0	0.5
56	Biennial wormwood	3.4	0.3	10.0	< 0.1	0.4	0.4	0.4
57	Flixweed	3.1	0.3	10.0	< 0.1	0.4	0.4	0.4
58	Rayless aster	3.4	0.2	5.0	< 0.1	0.2	0.2	0.4
59	Yellow sweet-clover	3.4	0.2	5.0	< 0.1	0.2	0.2	0.4
60	American dragonhead	3.1	0.2	5.0	< 0.1	0.4	0.4	0.4
61	Wormseed mustard	3.0	0.1	5.0	< 0.1	0.2	0.2	0.3
62	Meadow brome	3.0	0.1	5.0	< 0.1	0.2	0.2	0.3
63	Goat's-beard	0.5	0.1	15.0	< 0.1	0.8	0.8	0.1

Field Survey Summary Tables – Canola in the Boreal Transition Ecoregion

Table 23. 2014/15 Canola in the Boreal Transition Ecoregion (142 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Wild buckwheat	78.7	24.9	31.6	2.2	2.8	25.2	26.2
2	Wild oats	60.8	19.7	32.3	3.5	5.8	74.2	25.6
3	False cleavers	49.7	18.7	37.6	2.8	5.7	69.6	22.1
4	Low cudweed	33.5	11.2	33.6	3.3	9.7	56.8	18.1
5	Chickweed	37.2	10.5	28.2	2.6	7.1	68.0	16.4
6	Broad-leaved plantain	38.3	10.1	26.3	2.0	5.2	76.0	14.4
7	Wheat	36.9	10.6	28.7	1.3	3.5	31.2	12.6
8	Barnyard grass species	21.7	6.3	29.0	2.2	10.1	84.0	11.5
9	Shepherd's-purse	33.4	7.7	23.2	0.8	2.3	22.6	9.4
10	Green foxtail	15.3	6.9	44.9	1.6	10.4	77.6	9.3
11	Field horsetail	30.1	6.1	20.4	1.1	3.6	26.0	9.1
12	Blue grass species	5.1	1.5	30.2	2.6	51.6	207.2	8.8
13	Dandelion	34.0	5.8	17.2	0.6	1.8	25.6	8.1
14	Canada thistle	29.1	6.5	22.4	0.6	2.0	9.6	7.8
15	Canola/rapeseed	19.6	6.6	33.4	0.9	4.7	43.6	7.7
16	Narrow-leaved hawk's-beard	25.7	5.8	22.4	0.8	3.0	24.0	7.6
17	Northern willowherb	29.5	5.5	18.6	0.4	1.4	10.6	6.9
18	Hemp-nettle	27.1	5.1	18.9	0.5	1.9	26.6	6.8
19	Spiny annual sow-thistle	27.1	5.5	20.4	0.4	1.5	12.6	6.6
20	Pale smartweed	23.7	5.4	22.6	0.5	2.0	9.4	6.4
21	Lamb's-quarters	24.8	4.2	16.9	0.3	1.2	6.2	5.5
22	Purslane speedwell	17.2	3.4	19.7	0.6	3.6	39.2	5.2
23	Annual sow-thistle	10.6	3.6	34.2	0.5	4.9	22.0	4.3
24	Stork's-bill	9.7	3.0	31.0	0.6	5.8	31.8	4.0
25	Marsh yellow cress	13.6	2.0	14.5	0.2	1.6	11.4	3.0
26	Night-flowering catchfly	15.4	1.8	11.8	0.1	1.0	5.4	2.9
27	Rough cinquefoil	6.8	2.0	29.3	0.2	3.3	13.6	2.3
28	Perennial sow-thistle	13.1	1.3	9.9	0.1	0.5	1.6	2.2
29	Alfalfa	3.2	1.6	51.6	0.2	6.3	17.6	1.7
30	Clover species	8.9	1.0	11.2	0.1	0.8	2.0	1.6
31	American dragonhead	7.6	1.2	15.9	0.1	1.1	6.6	1.6
32	Rough hair grass	4.0	1.4	34.8	0.2	3.8	12.2	1.5
33	Willow species	7.5	0.9	12.2	0.1	0.7	3.6	1.4
34	Foxtail barley	6.8	0.9	13.6	0.1	1.1	4.4	1.4
35	Kochia	5.2	0.8	15.2	0.1	2.0	6.2	1.2
36	Canada fleabane	5.8	0.8	14.6	< 0.1	0.8	3.6	1.1
37	Stinkweed	6.7	0.6	9.0	< 0.1	0.5	1.6	1.1
38	Golden dock	3.7	0.7	19.4	0.1	3.4	17.8	1.1
39	Pineappleweed	5.4	0.7	13.4	0.1	0.9	3.2	1.1
40	Barley	3.6	0.9	25.4	0.1	1.8	5.4	1.0
41	Prostrate knotweed	5.7	0.5	7.9	< 0.1	0.6	1.8	0.9
42	Wild mustard	5.2	0.6	11.3	< 0.1	0.5	1.4	0.9
43	American vetch	4.7	0.6	11.7	< 0.1	0.7	1.8	0.9
44	Field violet	0.7	0.5	70.0	0.1	17.6	17.6	0.7
45	Black medick	4.2	0.3	8.3	< 0.1	0.5	0.8	0.7
46	Quack grass	2.5	0.6	22.2	< 0.1	1.9	3.6	0.7
47	Pygmyflower	2.2	0.4	18.2	0.1	2.6	7.4	0.6
48	Round-leaved mallow	3.4	0.2	7.2	< 0.1	0.3	0.4	0.5
49	Dog mustard	0.7	0.4	60.0	0.1	8.6	8.6	0.4
50	Corn spurry	2.7	0.2	7.7	< 0.1	0.4	1.0	0.4
51	Slough grass	2.5	0.2	9.2	< 0.1	0.5	1.2	0.4
52	Scentless chamomile	2.0	0.3	12.7	< 0.1	1.1	1.8	0.4

(Table continued on next page)

Field Survey Summary Tables – Canola in the Boreal Transition Ecoregion

Table 23. 2014/15 Canola in the Boreal Transition Ecoregion (142 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Bluebur	2.4	0.2	6.7	<0.1	0.7	1.2	0.4
54	Biennial wormwood	2.3	0.2	7.5	<0.1	0.4	1.2	0.4
55	Henbit	1.2	0.3	25.0	<0.1	1.4	1.4	0.3
56	Bicknell's geranium	2.1	0.1	5.0	<0.1	0.2	0.2	0.3
57	Burning nettle	1.7	0.2	11.4	<0.1	0.5	0.8	0.3
58	Meadow brome	1.5	0.2	12.5	<0.1	1.1	2.0	0.3
59	Oak-leaved goosefoot	2.0	0.1	5.0	<0.1	0.2	0.2	0.3
60	Tumble pigweed	1.5	0.2	11.0	<0.1	0.8	1.0	0.3
61	Prostrate pigweed	1.4	0.2	12.5	<0.1	0.7	1.0	0.3
62	Small-seeded false flax	0.7	0.2	35.0	<0.1	3.2	3.2	0.2
63	Poplar species	1.4	0.1	9.9	<0.1	0.4	0.6	0.2
64	Flixweed	1.6	0.1	5.0	<0.1	0.2	0.2	0.2
65	Common groundsel	1.2	0.1	10.0	<0.1	0.4	0.4	0.2
66	Oats	1.0	0.1	15.0	<0.1	1.0	1.0	0.2
67	Rayless aster	1.3	0.1	7.3	<0.1	0.4	0.4	0.2
68	Lentil	1.4	0.1	5.0	<0.1	0.2	0.2	0.2
69	Ball mustard	1.4	0.1	5.0	<0.1	0.2	0.2	0.2
70	Cattail	1.2	0.1	5.0	<0.1	0.4	0.6	0.2
71	White cockle	0.5	0.2	30.0	<0.1	1.4	1.4	0.1
72	Wood whitlow-grass	0.6	0.1	20.0	<0.1	1.6	1.6	0.1
73	Yellow sweet-clover	0.7	0.1	15.0	<0.1	0.6	0.6	0.1
74	Red goosefoot	0.9	<0.1	5.0	<0.1	0.2	0.2	0.1
75	Long-stalked starwort	0.7	<0.1	5.0	<0.1	0.2	0.2	0.1
76	Annual spurge species	0.6	0.1	10.0	<0.1	0.6	0.6	0.1
77	Siberian elm	0.7	<0.1	5.0	<0.1	0.2	0.2	0.1
78	Clammy hedge-hyssop	0.7	<0.1	5.0	<0.1	0.2	0.2	0.1
79	Prickly lettuce	0.6	<0.1	5.0	<0.1	0.2	0.2	0.1
80	Goat's-beard	0.5	<0.1	5.0	<0.1	0.2	0.2	0.1

Field Survey Summary Tables – Aspen Parkland Ecoregion

Table 24. 2014/15 Annual crops in the Aspen Parkland Ecoregion (702 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	51.0	23.7	46.5	14.6	28.6	642.4	49.4
2	Wild buckwheat	70.1	23.8	34.0	2.4	3.5	46.2	25.3
3	Wild oats	53.8	20.4	37.9	3.9	7.3	168.4	24.8
4	Canola/rapeseed	42.3	14.1	33.3	2.3	5.3	158.0	16.8
5	False cleavers	42.4	13.4	31.5	2.0	4.7	132.4	16.0
6	Dandelion	42.0	10.8	25.7	1.4	3.2	110.2	13.3
7	Shepherd's-purse	36.0	9.5	26.5	1.6	4.5	82.0	12.5
8	Spiny annual sow-thistle	33.2	8.2	24.8	1.7	5.0	373.8	11.6
9	Canada thistle	44.7	8.2	18.4	0.7	1.6	28.4	11.0
10	Wheat	24.8	7.9	31.9	1.2	4.7	108.0	9.3
11	Lamb's-quarters	28.6	5.8	20.1	1.0	3.5	154.4	8.5
12	Barnyard grass species	16.4	4.0	24.3	1.5	9.3	390.6	7.2
13	Foxtail barley	20.8	4.8	23.1	1.0	4.9	160.0	7.1
14	Narrow-leaved hawk's-beard	18.6	5.5	29.5	0.9	4.8	46.0	6.8
15	Broad-leaved plantain	18.0	3.8	21.3	0.7	4.0	88.0	5.6
16	Round-leaved mallow	18.2	3.8	21.0	0.4	2.2	28.4	4.9
17	Chickweed	10.7	2.8	25.8	0.9	8.2	138.4	4.6
18	Pale smartweed	14.2	2.7	18.8	0.5	3.6	56.8	4.1
19	Night-flowering catchfly	10.8	2.6	24.2	0.6	5.3	71.0	3.8
20	Biennial wormwood	14.9	2.6	17.2	0.3	1.9	47.8	3.7
21	Black medick	9.8	2.7	27.4	0.4	4.3	88.4	3.4
22	Redroot pigweed	11.6	2.2	18.9	0.4	3.6	78.4	3.4
23	Perennial sow-thistle	12.0	2.3	19.4	0.1	1.2	5.6	2.9
24	Northern willowherb	9.5	2.1	21.9	0.2	2.2	13.6	2.6
25	Hemp-nettle	9.6	1.5	15.2	0.2	1.6	15.0	2.2
26	Low cudweed	7.8	1.2	15.6	0.3	3.7	38.6	2.2
27	Quack grass	2.1	0.6	27.8	0.6	30.5	271.8	1.9
28	Stinkweed	7.5	1.3	17.0	0.1	1.7	21.2	1.8
29	Yellow sweet-clover	2.6	1.0	38.1	0.5	18.3	130.6	1.8
30	Kochia	6.6	1.2	17.8	0.2	2.5	37.4	1.7
31	Barley	5.2	1.2	22.9	0.2	3.1	22.4	1.6
32	Prostrate knotweed	7.0	1.0	14.0	0.1	1.3	15.2	1.6
33	Wild mustard	2.7	1.1	39.5	0.3	11.4	63.0	1.5
34	Flax	3.1	1.2	39.6	0.2	7.7	40.0	1.5
35	Canada fleabane	6.5	1.0	15.4	0.1	1.4	10.8	1.5
36	Rough cinquefoil	5.0	0.6	12.7	0.1	2.0	41.4	1.1
37	Field horsetail	4.5	0.6	13.9	0.1	2.2	12.4	1.1
38	Alfalfa	3.2	0.9	27.1	0.1	3.3	16.4	1.0
39	Annual sow-thistle	2.3	0.6	27.8	0.1	5.6	36.8	0.9
40	Annual spurge species	3.0	0.7	22.0	0.1	2.4	15.2	0.9
41	Clover species	3.0	0.5	16.3	0.1	2.9	42.6	0.8
42	Stork's-bill	2.9	0.6	19.7	0.1	2.6	10.6	0.8
43	Scentless chamomile	2.6	0.5	19.6	0.1	3.2	17.8	0.7
44	Annual brome species	1.3	0.4	30.8	0.2	12.4	47.0	0.7
45	American vetch	4.0	0.3	8.1	< 0.1	0.6	1.8	0.7
46	Pineappleweed	2.4	0.4	17.4	< 0.1	1.8	6.4	0.6
47	Slough grass	1.0	0.4	42.9	0.1	13.2	34.8	0.6
48	Russian thistle	2.7	0.4	13.1	< 0.1	1.2	3.4	0.6
49	Pygmyflower	2.4	0.4	16.7	< 0.1	1.6	12.2	0.6
50	Oak-leaved goosefoot	2.7	0.3	12.2	< 0.1	1.2	3.4	0.6
51	Willow species	3.0	0.3	10.0	< 0.1	0.5	2.6	0.6
52	Tumble pigweed	2.1	0.4	19.9	< 0.1	2.2	7.4	0.5

(Table continued on next page)

Table 24. 2014/15 Annual crops in the Aspen Parkland Ecoregion (702 fields) (continued)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Rayless aster	2.6	0.3	13.4	< 0.1	1.0	3.4	0.5
54	Blue grass species	0.9	0.3	29.9	0.1	15.3	54.4	0.5
55	Oats	0.8	0.4	52.0	0.1	11.2	36.0	0.5
56	Golden dock	1.6	0.3	20.3	< 0.1	2.1	8.6	0.4
57	Flixweed	2.0	0.3	13.2	< 0.1	1.1	5.0	0.4
58	Absinth	1.7	0.2	11.7	< 0.1	2.2	13.6	0.4
59	Canary grass	0.2	0.2	100.0	0.1	79.6	79.6	0.4
60	Prickly lettuce	1.5	0.2	16.9	< 0.1	1.6	9.6	0.3
61	American dragonhead	1.6	0.2	14.3	< 0.1	1.0	5.2	0.3
62	Scouring-rush	0.6	0.1	18.9	0.1	15.4	58.8	0.3
63	Purslane speedwell	1.7	0.2	9.9	< 0.1	0.7	1.8	0.3
64	Rough hair grass	1.4	0.2	13.0	< 0.1	1.2	3.6	0.3
65	Marsh yellow cress	1.0	0.1	13.3	< 0.1	4.9	26.8	0.3
66	Common groundsel	1.2	0.1	10.4	< 0.1	0.9	2.8	0.2
67	Yellow toadflax	1.2	0.1	11.7	< 0.1	0.7	1.6	0.2
68	Scouler's popcomflower	0.2	0.1	90.0	0.1	39.4	39.4	0.2
69	Field violet	0.6	0.2	26.3	< 0.1	3.4	9.6	0.2
70	Bluebur	0.8	0.1	13.6	< 0.1	0.8	2.4	0.2
71	Prostrate pigweed	0.9	0.1	8.4	< 0.1	1.0	4.2	0.2
72	Borage	0.2	0.1	90.0	< 0.1	20.2	20.2	0.2
73	Dock species	0.7	0.1	15.1	< 0.1	1.6	3.4	0.2
74	Corn spurry	0.8	0.1	13.8	< 0.1	1.1	2.8	0.2
75	Wormseed mustard	0.6	0.1	20.6	< 0.1	1.1	3.0	0.2
76	Purslane	0.8	0.1	9.9	< 0.1	1.2	3.2	0.2
77	Common pepper-grass	0.8	0.1	8.9	< 0.1	0.5	0.8	0.1
78	Manitoba maple	0.8	0.1	6.9	< 0.1	0.5	1.2	0.1
79	Poplar species	0.8	0.1	7.9	< 0.1	0.4	1.2	0.1
80	Field pea	0.7	0.1	9.6	< 0.1	0.6	1.8	0.1
81	Thyme-leaved sandwort	0.5	0.1	16.7	< 0.1	2.1	5.0	0.1
82	Yellow foxtail	0.1	0.1	62.4	< 0.1	26.7	43.4	0.1
83	Conoid catchfly	0.2	0.1	70.0	< 0.1	7.8	7.8	0.1
84	Spear-leaved goosefoot	0.5	0.1	11.1	< 0.1	0.9	2.2	0.1
85	Lentil	0.5	< 0.1	9.8	< 0.1	0.5	0.8	0.1
86	Garden sorrel	0.1	0.1	35.0	< 0.1	12.8	12.8	0.1
87	Dog mustard	0.5	< 0.1	8.3	< 0.1	0.4	0.6	0.1
88	Nightshade species	0.2	0.1	35.0	< 0.1	3.2	3.2	0.1
89	Bicknell's geranium	0.4	< 0.1	5.0	< 0.1	0.2	0.2	0.1
90	Meadow brome	0.2	< 0.1	25.0	< 0.1	4.0	4.0	0.1
91	Small-leaved lamb's-quarters	0.3	< 0.1	7.5	< 0.1	1.9	3.6	0.1
92	Goat's-beard	0.3	< 0.1	8.0	< 0.1	0.4	0.6	0.1
93	Wood whitlow-grass	0.3	< 0.1	12.4	< 0.1	0.5	0.6	0.1
94	Smooth brome	0.3	< 0.1	6.9	< 0.1	1.2	1.6	0.1
95	Cow cockle	0.3	< 0.1	7.7	< 0.1	0.6	1.0	0.1
96	Henbit	0.3	< 0.1	7.6	< 0.1	0.6	1.0	0.1
97	Milk-vetch species	0.3	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
98	Striate knotweed	0.2	< 0.1	10.0	< 0.1	0.8	1.4	< 0.1
99	Philadelphia fleabane	0.2	< 0.1	20.0	< 0.1	1.6	1.6	< 0.1
100	False ragweed	< 0.1	< 0.1	85.0	< 0.1	12.6	12.6	< 0.1
101	Siberian elm	0.2	< 0.1	6.2	< 0.1	0.2	0.4	< 0.1
102	Cocklebur	0.2	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
103	Timothy	0.2	< 0.1	15.0	< 0.1	0.6	0.6	< 0.1
104	Russian pigweed	0.2	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1

(Table continued on next page)

Field Survey Summary Tables – Aspen Parkland Ecoregion

Table 24. 2014/15 Annual crops in the Aspen Parkland Ecoregion (702 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
105	Tansy	0.2	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
106	Rose species	0.2	< 0.1	10.0	< 0.1	0.8	0.8	< 0.1
107	Wild tomato	0.1	< 0.1	25.0	< 0.1	3.6	3.6	< 0.1
108	Sunflower species	0.2	< 0.1	10.0	< 0.1	0.8	0.8	< 0.1
109	Sedge species	0.2	< 0.1	5.0	< 0.1	0.4	0.4	< 0.1
110	Corn	0.2	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
111	Nuttall's alkali grass	0.2	< 0.1	5.0	< 0.1	0.6	0.6	< 0.1
112	Ball mustard	0.2	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
113	Goldenrod species	0.2	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
114	Cattail	0.2	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
115	Tumble mustard	0.2	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
116	Witch grass	0.1	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
117	Big bluestem	0.1	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
118	Beaked hazelnut	0.1	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
119	Water horsetail	< 0.1	< 0.1	30.0	< 0.1	11.0	11.0	< 0.1
120	Common burdock	< 0.1	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
121	Common yellow wood-sorrel	< 0.1	< 0.1	10.0	< 0.1	1.0	1.0	< 0.1

Field Survey Summary Tables – Spring wheat in the Aspen Parkland Ecoregion

Table 25. 2014/15 Spring wheat in the Aspen Parkland Ecoregion (227 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	52.4	25.2	48.2	16.0	30.5	642.4	51.1
2	Wild oats	53.9	21.8	40.4	4.4	8.2	77.4	25.5
3	Wild buckwheat	73.7	24.1	32.7	2.4	3.2	32.0	24.6
4	Canola/rapeseed	62.5	20.6	33.0	3.3	5.3	90.0	23.7
5	False cleavers	52.1	18.6	35.7	2.9	5.6	51.4	20.7
6	Dandelion	43.6	12.2	28.0	2.2	5.1	110.2	15.3
7	Canada thistle	52.3	10.3	19.7	0.9	1.8	28.4	12.9
8	Shepherd's-purse	32.3	7.7	23.8	1.6	5.0	51.0	10.7
9	Spiny annual sow-thistle	36.7	8.9	24.3	0.9	2.5	45.4	10.4
10	Foxtail barley	31.8	7.9	25.0	1.1	3.4	28.0	9.6
11	Narrow-leaved hawk's-beard	22.2	7.1	32.0	1.1	4.9	46.0	8.2
12	Broad-leaved plantain	20.7	4.1	19.7	1.0	5.0	88.0	6.5
13	Lamb's-quarters	28.1	4.4	15.5	0.4	1.4	12.2	6.1
14	Round-leaved mallow	19.0	4.5	23.7	0.5	2.8	28.4	5.4
15	Barnyard grass species	12.8	3.1	24.1	1.0	8.2	96.0	5.1
16	Night-flowering catchfly	11.8	3.5	29.6	0.9	7.9	67.6	4.9
17	Chickweed	12.9	3.0	22.8	0.7	5.0	29.8	4.2
18	Biennial wormwood	15.7	2.8	17.7	0.3	1.7	17.0	3.7
19	Pale smartweed	13.6	2.4	17.5	0.4	3.3	37.6	3.6
20	Hemp-nettle	15.8	2.4	15.4	0.2	1.5	11.0	3.5
21	Perennial sow-thistle	13.1	2.5	18.8	0.2	1.3	5.6	3.0
22	Northern willowherb	10.9	2.3	21.1	0.2	1.9	13.4	2.8
23	Redroot pigweed	11.2	1.9	17.4	0.2	1.9	17.2	2.7
24	Low cudweed	9.7	1.3	13.3	0.4	4.2	38.6	2.6
25	Yellow sweet-clover	1.8	0.8	45.2	0.7	36.9	130.6	2.0
26	Black medick	6.9	1.8	26.1	0.2	2.4	6.2	2.0
27	Prostrate knotweed	7.4	1.3	17.0	0.2	2.1	15.2	1.8
28	Stinkweed	7.7	1.1	13.7	0.1	1.5	13.6	1.6
29	Canada fleabane	6.8	1.3	19.2	0.1	1.6	7.4	1.6
30	Kochia	6.9	1.2	17.0	0.1	1.3	4.4	1.6
31	Flax	2.1	1.2	54.1	0.4	17.2	40.0	1.5
32	Annual sow-thistle	3.4	1.0	30.2	0.2	6.9	36.8	1.4
33	Annual spurge species	3.6	1.2	33.8	0.2	4.9	15.2	1.3
34	Wild mustard	3.0	0.9	31.8	0.1	4.5	22.2	1.1
35	Annual brome species	1.2	0.5	42.5	0.3	26.4	47.0	1.0
36	Barley	3.3	0.7	21.9	0.1	4.1	22.4	1.0
37	Rough cinquefoil	2.4	0.6	24.9	0.2	8.6	41.4	1.0
38	Field horsetail	3.5	0.5	14.0	0.1	3.2	12.4	0.9
39	Tumble pigweed	2.6	0.8	29.4	0.1	3.7	7.4	0.8
40	Blue grass species	0.9	0.3	34.5	0.3	27.1	54.4	0.8
41	Slough grass	1.0	0.3	30.0	0.2	18.4	34.8	0.7
42	Marsh yellow cress	1.8	0.3	17.9	0.1	8.2	26.8	0.7
43	Rayless aster	3.0	0.5	16.3	< 0.1	1.2	3.4	0.7
44	Wheat	2.0	0.6	32.0	< 0.1	2.2	5.2	0.6
45	Willow species	3.6	0.3	8.1	< 0.1	0.4	1.4	0.6
46	American vetch	3.1	0.3	9.2	< 0.1	0.9	1.4	0.6
47	Prickly lettuce	1.8	0.5	27.0	0.1	3.2	9.6	0.6
48	Stork's-bill	1.7	0.3	19.4	0.1	3.8	10.6	0.5
49	Golden dock	2.3	0.3	12.8	< 0.1	0.6	1.2	0.4
50	Oak-leaved goosefoot	1.9	0.3	15.9	< 0.1	1.9	3.4	0.4
51	Russian thistle	1.8	0.3	13.9	< 0.1	1.7	3.4	0.4
52	Clover species	1.7	0.3	19.0	< 0.1	1.1	2.6	0.4

(Table continued on next page)

Field Survey Summary Tables – Spring wheat in the Aspen Parkland Ecoregion

Table 25. 2014/15 Spring wheat in the Aspen Parkland Ecoregion (227 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Pineappleweed	1.4	0.3	22.0	<0.1	1.4	2.4	0.4
54	Pygmyflower	2.1	0.2	8.6	<0.1	0.4	0.8	0.3
55	Scentless chamomile	1.8	0.2	9.4	<0.1	1.5	2.8	0.3
56	Absinth	1.6	0.1	6.6	<0.1	1.7	4.8	0.3
57	Common groundsel	1.1	0.2	16.7	<0.1	1.2	2.4	0.2
58	Field violet	1.0	0.2	15.8	<0.1	1.7	2.2	0.2
59	Flixweed	1.3	0.1	9.7	<0.1	0.8	1.8	0.2
60	American dragonhead	1.3	0.1	8.8	<0.1	0.5	1.0	0.2
61	Alfalfa	1.1	0.1	5.0	<0.1	1.9	4.2	0.2
62	Yellow foxtail	0.2	0.1	65.0	0.1	43.4	43.4	0.2
63	Dock species	1.0	0.1	12.5	<0.1	0.8	1.2	0.2
64	Spear-leaved goosefoot	1.0	0.1	10.5	<0.1	1.0	2.2	0.2
65	Smooth brome	1.0	0.1	6.9	<0.1	1.2	1.6	0.2
66	Manitoba maple	1.1	0.1	5.0	<0.1	0.4	0.6	0.2
67	Yellow toadflax	0.6	0.1	20.0	<0.1	1.6	1.6	0.1
68	Prostrate pigweed	0.9	<0.1	5.0	<0.1	0.3	0.4	0.1
69	Purslane	0.8	0.1	7.6	<0.1	0.4	1.4	0.1
70	Philadelphia fleabane	0.5	0.1	20.0	<0.1	1.6	1.6	0.1
71	Common pepper-grass	0.6	0.1	11.2	<0.1	0.6	0.8	0.1
72	Rough hair grass	0.6	0.1	10.0	<0.1	1.0	1.0	0.1
73	Thyme-leaved sandwort	0.5	0.1	20.0	<0.1	0.8	0.8	0.1
74	Cocklebur	0.6	<0.1	5.0	<0.1	0.2	0.2	0.1
75	Cow cockle	0.5	0.1	10.0	<0.1	1.0	1.0	0.1
76	Field pea	0.6	<0.1	5.0	<0.1	0.2	0.2	0.1
77	Purslane speedwell	0.4	0.1	15.0	<0.1	0.8	0.8	0.1
78	Henbit	0.5	<0.1	10.0	<0.1	1.0	1.0	0.1
79	Sedge species	0.5	<0.1	5.0	<0.1	0.4	0.4	0.1
80	Striate knotweed	0.4	0.1	15.0	<0.1	1.4	1.4	0.1
81	Poplar species	0.5	<0.1	5.0	<0.1	0.2	0.2	0.1
82	Nuttall's alkali grass	0.5	<0.1	5.0	<0.1	0.6	0.6	0.1
83	Dog mustard	0.5	<0.1	5.0	<0.1	0.2	0.2	0.1
84	Quack grass	0.5	<0.1	5.0	<0.1	0.2	0.2	0.1
85	Wormseed mustard	0.5	<0.1	5.0	<0.1	0.2	0.2	0.1
86	Scouring-rush	0.3	0.1	20.0	<0.1	1.4	1.4	0.1
87	Beaked hazelnut	0.4	<0.1	5.0	<0.1	0.2	0.2	0.1
88	Siberian elm	0.2	<0.1	10.0	<0.1	0.4	0.4	<0.1
89	Bluebur	0.2	<0.1	5.0	<0.1	0.2	0.2	<0.1
90	Common burdock	0.2	<0.1	5.0	<0.1	0.2	0.2	<0.1

Field Survey Summary Tables – Barley in the Aspen Parkland Ecoregion

Table 26. 2014/15 Barley in the Aspen Parkland Ecoregion (78 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	51.4	27.1	52.7	25.8	50.3	610.6	56.2
2	Wild buckwheat	68.2	23.2	34.0	2.6	3.8	32.2	21.7
3	Canola/rapeseed	64.6	22.5	34.9	3.0	4.6	38.8	21.6
4	Wild oats	49.4	19.5	39.5	4.6	9.3	55.6	20.9
5	Dandelion	47.7	16.6	34.7	2.1	4.4	23.4	15.7
6	False cleavers	33.9	11.5	33.8	3.6	10.8	132.4	14.3
7	Canada thistle	53.6	12.5	23.3	1.4	2.5	14.4	13.7
8	Barnyard grass species	17.7	5.7	32.1	6.1	34.3	390.6	13.6
9	Shepherd's-purse	33.1	9.6	28.9	1.4	4.2	21.2	10.0
10	Spiny annual sow-thistle	32.8	7.4	22.5	0.6	1.9	10.2	7.9
11	Lamb's-quarters	22.4	6.0	26.7	1.1	5.0	51.2	6.9
12	Wheat	20.6	6.9	33.4	0.7	3.2	11.2	6.3
13	Narrow-leaved hawk's-beard	19.9	4.9	24.6	1.2	5.9	41.2	6.2
14	Pale smartweed	21.9	3.9	17.6	1.2	5.3	56.8	6.0
15	Foxtail barley	21.0	5.6	26.8	0.7	3.2	12.8	5.9
16	Broad-leaved plantain	16.9	3.4	20.1	0.7	3.9	16.4	4.4
17	Night-flowering catchfly	16.2	4.1	25.1	0.3	2.1	10.2	4.1
18	Chickweed	11.0	4.0	36.3	0.7	6.4	24.2	4.0
19	Biennial wormwood	16.8	3.3	19.5	0.3	1.7	9.6	3.8
20	Yellow sweet-clover	6.8	3.6	53.1	1.0	14.7	45.6	3.8
21	Redroot pigweed	14.9	3.2	21.3	0.4	2.7	18.8	3.7
22	Round-leaved mallow	17.6	2.5	14.0	0.4	2.1	10.4	3.7
23	Wild mustard	4.4	2.6	58.2	1.0	23.0	63.0	3.1
24	Stinkweed	8.3	2.9	34.9	0.4	4.8	21.2	2.8
25	Oats	4.0	2.5	61.3	0.7	16.7	36.0	2.5
26	Stork's-bill	6.6	2.5	37.5	0.3	4.1	9.2	2.2
27	Northern willowherb	6.5	1.9	29.0	0.2	3.6	11.6	1.9
28	Perennial sow-thistle	6.9	1.4	20.9	0.1	1.4	3.2	1.6
29	Flax	5.3	1.5	28.2	0.2	3.1	4.8	1.5
30	Kochia	7.2	0.9	12.3	0.2	2.5	9.4	1.5
31	Scentsless chamomile	4.1	1.4	34.5	0.3	6.7	17.8	1.5
32	Canada fleabane	7.2	1.1	14.6	0.1	1.5	10.8	1.5
33	Blue grass species	2.3	1.2	50.9	0.5	20.7	31.8	1.5
34	Scouring-rush	1.2	0.5	40.0	0.7	58.8	58.8	1.4
35	Alfalfa	4.5	1.4	31.1	0.1	3.3	7.8	1.3
36	Hemp-nettle	4.0	1.2	28.9	0.2	6.1	15.0	1.3
37	American dragonhead	4.2	1.2	28.5	0.1	2.1	5.2	1.1
38	Annual brome species	2.6	0.8	30.5	0.2	8.9	13.2	1.0
39	Black medick	5.1	0.6	11.7	<0.1	0.6	1.0	0.9
40	Low cudweed	3.7	0.7	18.9	0.1	2.9	4.8	0.9
41	Rough cinquefoil	4.0	0.8	19.0	0.1	1.4	2.2	0.9
42	Russian thistle	4.6	0.4	9.0	<0.1	1.0	3.0	0.8
43	Tumble pigweed	3.5	0.6	18.2	0.1	1.6	3.0	0.8
44	Wormseed mustard	2.6	0.8	31.4	<0.1	1.8	3.0	0.7
45	Rayless aster	3.7	0.5	13.3	<0.1	1.0	2.4	0.7
46	Rough hair grass	3.0	0.6	18.9	0.1	2.1	3.6	0.7
47	Annual sow-thistle	2.6	0.7	25.0	<0.1	1.8	3.4	0.7
48	Garden sorrel	1.3	0.5	35.0	0.2	12.8	12.8	0.6
49	Clover species	3.9	0.2	5.0	<0.1	0.2	0.2	0.6
50	Annual spurge species	3.8	0.2	5.0	<0.1	0.3	0.4	0.6
51	Quack grass	2.7	0.4	14.6	<0.1	1.3	1.8	0.5
52	Nightshade species	1.7	0.6	35.0	0.1	3.2	3.2	0.5

(Table continued on next page)

Field Survey Summary Tables – Barley in the Aspen Parkland Ecoregion

Table 26. 2014/15 Barley in the Aspen Parkland Ecoregion (78 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Prostrate pigweed	2.6	0.3	10.1	0.1	2.2	4.2	0.5
54	Slough grass	1.7	0.4	25.0	0.1	4.4	4.4	0.5
55	Meadow brome	1.7	0.4	25.0	0.1	4.0	4.0	0.5
56	Common pepper-grass	2.8	0.2	8.6	< 0.1	0.5	0.8	0.5
57	Prickly lettuce	2.7	0.2	7.5	< 0.1	0.3	0.4	0.4
58	Pygmyflower	2.3	0.2	9.2	< 0.1	1.5	2.2	0.4
59	Purslane speedwell	2.4	0.2	8.0	< 0.1	0.4	0.6	0.4
60	Field horsetail	2.7	0.1	5.0	< 0.1	0.3	0.4	0.4
61	Dock species	1.9	0.2	12.5	< 0.1	1.9	3.4	0.4
62	Golden dock	1.3	0.4	30.0	< 0.1	2.6	2.6	0.4
63	Yellow foxtail	0.4	0.3	80.0	0.1	19.4	19.4	0.3
64	Prostrate knotweed	1.3	0.2	15.0	< 0.1	1.0	1.0	0.3
65	Timothy	1.3	0.2	15.0	< 0.1	0.6	0.6	0.3
66	Bluebur	1.3	0.2	15.0	< 0.1	0.6	0.6	0.3
67	Lentil	1.7	0.1	5.0	< 0.1	0.4	0.4	0.2
68	Willow species	1.3	0.1	10.0	< 0.1	0.4	0.4	0.2
69	Field violet	1.3	0.1	10.0	< 0.1	0.8	0.8	0.2
70	Marsh yellow cress	1.3	0.1	10.0	< 0.1	0.4	0.4	0.2
71	Bicknell's geranium	1.4	0.1	5.0	< 0.1	0.2	0.2	0.2
72	Spear-leaved goosefoot	1.0	0.2	15.0	< 0.1	1.0	1.0	0.2
73	Manitoba maple	1.3	0.1	5.0	< 0.1	0.2	0.2	0.2
74	Field pea	1.3	0.1	5.0	< 0.1	0.2	0.2	0.2
75	Small-leaved lamb's-quarters	1.3	0.1	5.0	< 0.1	0.2	0.2	0.2
76	Absinth	1.2	0.1	5.0	< 0.1	0.2	0.2	0.2
77	Henbit	1.2	0.1	5.0	< 0.1	0.2	0.2	0.2
78	Purslane	0.4	< 0.1	5.0	< 0.1	3.2	3.2	0.1

Field Survey Summary Tables – Oat in the Aspen Parkland Ecoregion

Table 27. 2014/15 Oat in the Aspen Parkland Ecoregion (62 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	62.6	34.3	54.9	39.1	62.4	510.4	78.6
2	Wild oats	46.2	17.1	37.0	5.5	11.9	168.4	22.6
3	Wild buckwheat	57.4	20.3	35.3	2.1	3.6	18.2	21.2
4	Lamb's-quarters	19.8	10.6	53.5	5.2	26.4	154.4	15.1
5	Canola/rapeseed	31.0	10.1	32.5	1.3	4.3	26.8	11.3
6	Dandelion	31.1	10.1	32.5	1.2	3.9	16.4	11.2
7	Shepherd's-purse	24.2	6.3	25.8	1.1	4.4	33.0	8.0
8	Canada thistle	30.2	5.6	18.7	0.5	1.6	5.0	7.8
9	Foxtail barley	20.9	5.4	25.9	1.2	5.8	49.2	7.4
10	Quack grass	7.5	3.6	48.7	3.2	43.3	133.6	7.2
11	Wheat	28.4	4.6	16.1	0.4	1.4	5.6	6.9
12	Barnyard grass species	16.6	6.2	37.2	1.0	6.0	14.0	6.8
13	Broad-leaved plantain	20.1	4.7	23.2	1.0	4.9	26.6	6.5
14	Redroot pigweed	14.1	4.5	31.9	1.6	11.5	78.4	6.5
15	False cleavers	21.9	4.9	22.4	0.5	2.2	9.4	6.3
16	Pale smartweed	11.3	3.9	34.7	1.1	9.5	52.0	5.0
17	Night-flowering catchfly	10.3	2.6	24.9	1.7	16.1	71.0	5.0
18	Spiny annual sow-thistle	18.6	3.5	18.9	0.3	1.9	11.8	4.9
19	Barley	12.5	3.8	30.2	0.6	4.4	15.2	4.4
20	Biennial wormwood	14.1	2.5	17.6	0.4	2.6	11.6	3.8
21	Chickweed	6.5	2.6	40.2	1.1	17.4	62.0	3.7
22	Round-leaved mallow	15.2	2.4	15.9	0.2	1.3	7.4	3.7
23	Black medick	11.4	3.2	27.8	0.2	2.0	5.0	3.5
24	Wild mustard	5.3	3.0	56.7	0.8	14.6	28.2	3.3
25	Alfalfa	7.1	3.0	43.0	0.4	5.3	15.4	3.0
26	Narrow-leaved hawk's-beard	12.4	1.6	13.3	0.1	1.0	2.8	2.8
27	Perennial sow-thistle	10.4	1.9	18.2	0.1	1.3	4.2	2.6
28	Hemp-nettle	8.1	1.6	19.4	0.2	2.4	8.6	2.2
29	Kochia	8.2	1.0	12.5	0.1	1.5	6.2	1.9
30	Scouler's popcomflower	1.6	1.5	90.0	0.6	39.4	39.4	1.8
31	Flax	3.7	1.7	46.7	0.3	8.7	15.4	1.8
32	Field horsetail	8.1	0.8	10.1	0.1	0.9	2.4	1.7
33	American vetch	6.9	0.6	8.9	< 0.1	0.4	0.6	1.3
34	Northern willowherb	5.0	0.9	18.1	0.1	2.2	4.4	1.3
35	Stinkweed	6.8	0.5	7.2	< 0.1	0.3	0.8	1.3
36	Prostrate knotweed	6.1	0.6	9.9	< 0.1	0.8	2.0	1.2
37	Absinth	3.3	0.8	25.0	0.3	8.0	13.6	1.2
38	Russian thistle	5.3	0.6	11.5	< 0.1	0.9	1.2	1.1
39	Pineappleweed	3.3	1.0	30.1	0.1	2.6	4.2	1.1
40	Clover species	4.8	0.6	12.2	< 0.1	0.8	1.2	1.0
41	Conoid catchfly	1.7	1.2	70.0	0.1	7.8	7.8	1.0
42	Purslane speedwell	4.7	0.4	8.2	0.1	1.1	1.8	0.9
43	Low cudweed	4.8	0.4	8.2	< 0.1	0.9	1.6	0.9
44	Bluebur	3.3	0.8	22.8	0.1	1.7	2.4	0.9
45	Oak-leaved goosefoot	3.3	0.4	12.5	< 0.1	0.9	1.2	0.7
46	Stork's-bill	3.5	0.4	10.7	< 0.1	0.4	0.6	0.7
47	Flixweed	3.7	0.3	7.2	< 0.1	0.3	0.4	0.7
48	Pygmyflower	3.1	0.2	7.4	< 0.1	1.2	2.0	0.6
49	Canada fleabane	2.3	0.4	16.5	0.1	2.3	10.8	0.6
50	Rough cinquefoil	3.2	0.2	5.0	< 0.1	0.3	0.4	0.5
51	Annual spurge species	1.6	0.3	20.0	< 0.1	1.6	1.6	0.4
52	Common groundsel	1.6	0.2	15.0	< 0.1	2.8	2.8	0.4

(Table continued on next page)

Field Survey Summary Tables – Oat in the Aspen Parkland Ecoregion

Table 27. 2014/15 Oat in the Aspen Parkland Ecoregion (62 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Purslane	1.6	0.2	15.0	< 0.1	2.2	2.2	0.4
54	Wormseed mustard	1.6	0.2	15.0	< 0.1	0.6	0.6	0.4
55	Scentless chamomile	2.0	0.1	5.0	< 0.1	0.2	0.2	0.4
56	Prickly lettuce	1.6	0.2	10.0	< 0.1	0.8	0.8	0.3
57	Yellow sweet-clover	1.6	0.1	5.0	< 0.1	0.8	0.8	0.3
58	Annual sow-thistle	1.6	0.1	5.0	< 0.1	0.4	0.4	0.3
59	Cattail	1.6	0.1	5.0	< 0.1	0.2	0.2	0.3
60	Tumble mustard	1.6	0.1	5.0	< 0.1	0.2	0.2	0.3
61	American dragonhead	1.5	0.1	5.0	< 0.1	0.2	0.2	0.3
62	Common pepper-grass	1.4	0.1	5.0	< 0.1	0.2	0.4	0.2
63	Water horsetail	0.2	0.1	30.0	< 0.1	11.0	11.0	0.1
64	Common yellow wood-sorrel	0.2	< 0.1	10.0	< 0.1	1.0	1.0	< 0.1

Field Survey Summary Tables – Canola in the Aspen Parkland Ecoregion

Table 28. 2014/15 Canola in the Aspen Parkland Ecoregion (273 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	44.6	18.5	41.4	6.2	13.8	211.4	34.3
2	Wild buckwheat	70.2	24.7	35.2	2.6	3.6	46.2	29.6
3	Wild oats	55.7	20.2	36.3	3.0	5.5	73.8	26.9
4	Wheat	39.9	13.5	33.8	2.3	5.6	108.0	19.0
5	Spiny annual sow-thistle	33.3	9.0	27.0	3.1	9.5	373.8	18.6
6	False cleavers	44.9	13.6	30.2	1.5	3.4	36.6	17.4
7	Shepherd's-purse	42.6	11.0	25.9	1.6	3.7	47.2	15.9
8	Dandelion	41.6	8.2	19.7	0.6	1.3	12.8	11.2
9	Canada thistle	38.8	5.7	14.7	0.5	1.2	7.8	9.3
10	Lamb's-quarters	34.1	5.7	16.9	0.6	1.7	24.6	9.1
11	Narrow-leaved hawk's-beard	15.9	5.1	31.9	0.7	4.2	20.0	6.7
12	Chickweed	11.9	2.8	23.7	1.2	10.1	138.4	6.7
13	Barnyard grass species	18.0	3.5	19.2	0.8	4.6	125.8	6.6
14	Foxtail barley	12.7	2.2	17.3	1.2	9.6	160.0	6.5
15	Canola/rapeseed	16.2	4.9	30.3	0.4	2.6	12.2	5.9
16	Broad-leaved plantain	17.4	3.6	20.6	0.4	2.4	20.4	5.4
17	Round-leaved mallow	17.4	3.7	21.0	0.3	1.9	17.8	5.1
18	Black medick	10.8	2.4	22.2	0.6	6.0	88.4	4.6
19	Biennial wormwood	15.2	2.5	16.5	0.3	2.1	47.8	4.2
20	Northern willowherb	11.8	2.6	22.1	0.3	2.3	13.6	3.7
21	Perennial sow-thistle	14.4	2.6	18.0	0.2	1.1	4.4	3.6
22	Pale smartweed	11.9	2.3	19.0	0.3	2.5	20.4	3.6
23	Redroot pigweed	10.9	1.6	14.8	0.4	3.4	47.8	3.3
24	Low cudweed	9.2	1.8	19.1	0.4	3.9	20.8	3.2
25	Night-flowering catchfly	8.1	1.5	18.8	0.2	1.9	14.8	2.3
26	Kochia	5.7	1.4	25.2	0.3	4.5	37.4	2.3
27	Stinkweed	7.0	1.1	16.1	0.1	1.4	7.6	1.8
28	Barley	4.8	1.3	27.2	0.2	3.2	13.4	1.8
29	Prostrate knotweed	7.5	1.1	14.3	0.1	1.1	7.0	1.8
30	Canada fleabane	7.8	1.0	12.8	0.1	1.1	7.4	1.8
31	Hemp-nettle	7.3	1.0	13.0	0.1	1.1	3.8	1.7
32	Rough cinquefoil	7.7	0.8	10.2	0.1	0.8	11.4	1.6
33	Field horsetail	4.9	0.9	17.6	0.1	2.4	9.8	1.4
34	Canary grass	0.4	0.4	100.0	0.3	79.6	79.6	1.3
35	Flax	2.6	0.8	32.9	0.1	4.4	11.6	1.1
36	Scentless chamomile	2.6	0.7	26.1	0.1	4.0	12.0	1.0
37	Oak-leaved goosefoot	4.6	0.5	11.0	< 0.1	1.0	3.4	1.0
38	American vetch	5.2	0.4	7.9	< 0.1	0.5	1.8	1.0
39	Pygmyflower	2.6	0.8	28.9	0.1	2.7	12.2	0.9
40	Annual sow-thistle	1.9	0.6	29.9	0.1	6.3	15.0	0.9
41	Willow species	4.5	0.5	11.4	< 0.1	0.6	2.6	0.9
42	Alfalfa	2.3	0.6	25.5	0.1	3.3	16.4	0.8
43	Stork's-bill	3.3	0.4	11.8	0.1	1.7	8.4	0.8
44	Pineappleweed	2.8	0.3	11.8	< 0.1	1.6	4.2	0.7
45	Annual brome species	1.2	0.4	30.2	0.1	7.3	20.6	0.6
46	Clover species	2.8	0.4	12.9	< 0.1	0.9	2.2	0.6
47	Golden dock	1.7	0.4	24.8	0.1	3.3	8.6	0.6
48	Flixweed	2.0	0.4	20.7	< 0.1	2.0	5.0	0.6
49	Borage	0.4	0.4	90.0	0.1	20.2	20.2	0.5
50	Rough hair grass	2.3	0.3	11.4	< 0.1	1.0	2.6	0.5
51	Slough grass	0.8	0.4	50.9	0.1	6.3	11.4	0.5
52	Annual spurge species	2.0	0.3	14.3	< 0.1	0.9	4.4	0.5

(Table continued on next page)

Field Survey Summary Tables – Canola in the Aspen Parkland Ecoregion

Table 28. 2014/15 Canola in the Aspen Parkland Ecoregion (273 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Corn spurry	1.9	0.3	13.8	<0.1	1.1	2.8	0.5
54	Rayless aster	2.3	0.2	9.8	<0.1	0.6	1.6	0.5
55	Yellow sweet-clover	1.0	0.3	29.9	<0.1	4.9	15.2	0.4
56	Purslane speedwell	2.1	0.2	10.5	<0.1	0.7	1.8	0.4
57	Tumble pigweed	1.8	0.2	12.9	<0.1	1.1	2.4	0.4
58	Absinth	2.0	0.2	11.1	<0.1	0.7	1.4	0.4
59	Yellow toadflax	2.0	0.2	11.3	<0.1	0.6	1.6	0.4
60	Oats	0.9	0.3	39.2	<0.1	3.7	6.0	0.4
61	Wild mustard	1.6	0.2	9.4	<0.1	0.6	2.6	0.3
62	Quack grass	1.7	0.1	7.4	<0.1	0.6	1.2	0.3
63	Field violet	0.4	0.3	65.0	<0.1	9.6	9.6	0.3
64	Poplar species	1.5	0.1	8.7	<0.1	0.5	1.2	0.3
65	Russian thistle	1.2	0.1	10.0	<0.1	1.3	2.6	0.3
66	Prickly lettuce	1.1	0.1	12.5	<0.1	0.7	1.2	0.2
67	American dragonhead	0.9	0.1	10.7	<0.1	0.8	1.2	0.2
68	Blue grass species	0.9	0.1	10.0	<0.1	0.7	1.0	0.2
69	Field pea	0.7	0.1	16.5	<0.1	1.1	1.8	0.2
70	Common groundsel	1.0	<0.1	5.0	<0.1	0.2	0.2	0.2
71	Manitoba maple	0.8	0.1	10.1	<0.1	0.7	1.2	0.2
72	Wood whitlow-grass	0.8	0.1	12.4	<0.1	0.5	0.6	0.2
73	Dog mustard	0.8	0.1	10.0	<0.1	0.5	0.6	0.2
74	Thyme-leaved sandwort	0.4	0.1	20.0	<0.1	5.0	5.0	0.2
75	Dock species	0.5	0.1	23.0	<0.1	2.7	3.0	0.1
76	Goat's-beard	0.8	0.1	7.6	<0.1	0.4	0.6	0.1
77	Bluebur	0.8	<0.1	5.0	<0.1	0.2	0.2	0.1
78	False ragweed	0.1	0.1	85.0	<0.1	12.6	12.6	0.1
79	Small-leaved lamb's-quarters	0.4	<0.1	10.0	<0.1	3.6	3.6	0.1
80	Bicknell's geranium	0.7	<0.1	5.0	<0.1	0.2	0.2	0.1
81	Lentil	0.4	0.1	20.0	<0.1	0.8	0.8	0.1
82	Scouring-rush	0.4	<0.1	10.0	<0.1	2.4	2.4	0.1
83	Wild tomato	0.2	0.1	25.0	<0.1	3.6	3.6	0.1
84	Rose species	0.4	<0.1	10.0	<0.1	0.8	0.8	0.1
85	Common pepper-grass	0.4	<0.1	10.0	<0.1	0.8	0.8	0.1
86	Russian pigweed	0.5	<0.1	5.0	<0.1	0.2	0.2	0.1
87	Tansy	0.5	<0.1	5.0	<0.1	0.2	0.2	0.1
88	Purslane	0.3	<0.1	15.0	<0.1	1.6	1.6	0.1
89	Prostrate pigweed	0.4	<0.1	5.0	<0.1	0.2	0.2	0.1
90	Corn	0.4	<0.1	5.0	<0.1	0.2	0.2	0.1
91	Ball mustard	0.4	<0.1	5.0	<0.1	0.2	0.2	0.1
92	Goldenrod species	0.4	<0.1	5.0	<0.1	0.2	0.2	0.1
93	Siberian elm	0.4	<0.1	5.0	<0.1	0.2	0.2	0.1
94	Milk-vetch species	0.4	<0.1	5.0	<0.1	0.2	0.2	0.1
95	Marsh yellow cress	0.4	<0.1	5.0	<0.1	0.2	0.2	0.1
96	Big bluestem	0.3	<0.1	5.0	<0.1	0.2	0.2	<0.1
97	Wormseed mustard	0.1	<0.1	20.0	<0.1	0.8	0.8	<0.1
98	Spear-leaved goosefoot	0.1	<0.1	5.0	<0.1	0.2	0.2	<0.1
99	Yellow foxtail	<0.1	<0.1	5.0	<0.1	0.2	0.2	<0.1

Field Survey Summary Tables – Flax in the Aspen Parkland Ecoregion

Table 29. 2014/15 Flax in the Aspen Parkland Ecoregion (21 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Wild buckwheat	82.4	22.4	27.1	1.8	2.2	8.6	32.0
2	Green foxtail	63.7	17.7	27.8	2.7	4.2	40.4	31.7
3	Wild oats	58.4	15.4	26.3	2.4	4.0	21.8	28.0
4	Shepherd's-purse	57.9	17.6	30.5	2.0	3.4	14.4	27.3
5	Canola/rapeseed	73.2	16.6	22.7	1.2	1.6	4.8	24.3
6	Wheat	41.6	12.5	30.0	1.6	3.9	16.4	20.5
7	Dandelion	34.1	8.3	24.3	0.9	2.6	11.6	13.4
8	Round-leaved mallow	30.0	8.3	27.8	0.6	2.1	5.8	11.6
9	Pale smartweed	37.7	5.0	13.3	0.7	1.9	7.8	11.1
10	False cleavers	40.0	6.4	16.1	0.5	1.2	3.6	10.9
11	Canada thistle	46.1	5.5	11.9	0.4	0.8	2.2	10.6
12	Spiny annual sow-thistle	28.1	7.5	26.6	0.4	1.4	3.0	9.7
13	Black medick	26.3	4.7	18.0	0.4	1.6	4.8	8.1
14	Chickweed	5.3	1.6	30.0	0.9	16.8	16.8	6.1
15	Pineappleweed	15.3	3.4	21.9	0.4	2.7	6.4	5.9
16	Night-flowering catchfly	16.9	2.9	17.0	0.4	2.5	4.8	5.8
17	Barnyard grass species	20.9	2.9	13.7	0.3	1.4	2.2	5.7
18	Broad-leaved plantain	10.3	3.1	30.3	0.5	4.6	7.6	5.5
19	Stinkweed	15.9	3.8	23.6	0.2	1.4	3.0	5.2
20	Redroot pigweed	13.7	2.2	16.0	0.1	0.8	1.6	3.5
21	Rayless aster	10.5	1.6	15.0	0.1	1.2	2.0	2.8
22	Kochia	15.7	0.8	5.0	0.1	0.4	0.8	2.7
23	Flixweed	10.4	0.8	7.4	0.1	0.8	1.2	2.1
24	Foxtail barley	10.4	1.0	9.8	0.1	0.5	0.8	2.1
25	Common groundsel	10.3	0.8	7.4	<0.1	0.4	0.6	1.9
26	Prostrate knotweed	10.4	0.5	5.0	<0.1	0.2	0.2	1.7
27	Perennial sow-thistle	5.3	0.8	15.0	0.1	1.6	1.6	1.5
28	Rough cinquefoil	5.4	0.8	15.0	0.1	1.0	1.0	1.4
29	Biennial wormwood	5.6	0.8	13.5	<0.1	0.8	0.8	1.3
30	Low cudweed	5.3	0.3	5.0	0.1	1.6	1.6	1.2
31	Field horsetail	5.0	0.3	5.0	<0.1	0.8	0.8	1.0
32	Narrow-leaved hawk's-beard	5.4	0.3	5.0	<0.1	0.2	0.2	0.9
33	Tumble pigweed	5.4	0.3	5.0	<0.1	0.2	0.2	0.9
34	Witch grass	5.0	0.3	5.0	<0.1	0.2	0.2	0.8
35	Striate knotweed	3.9	0.2	5.0	<0.1	0.2	0.2	0.6
36	Lamb's-quarters	1.7	0.2	10.0	<0.1	1.0	1.0	0.4

Field Survey Summary Tables – Pea in the Aspen Parkland Ecoregion

Table 30. 2014/15 Pea in the Aspen Parkland Ecoregion (26 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Canola/rapeseed	73.5	33.9	46.1	12.2	16.5	158.0	51.0
2	Green foxtail	60.6	27.9	46.0	7.1	11.8	62.6	35.2
3	Wild oats	62.2	21.7	34.9	4.3	7.0	54.2	26.2
4	Wild buckwheat	67.2	25.8	38.3	3.1	4.6	19.4	25.5
5	Narrow-leaved hawk's-beard	42.0	13.2	31.4	3.4	8.2	40.0	18.3
6	Wheat	51.2	18.1	35.4	1.5	2.9	5.6	16.8
7	Black medick	19.2	14.5	75.8	2.0	10.2	25.2	12.8
8	Canada thistle	48.8	8.5	17.4	0.6	1.2	3.6	10.4
9	Dandelion	43.4	6.4	14.7	0.4	1.0	3.6	8.5
10	Spiny annual sow-thistle	38.1	7.3	19.1	0.5	1.2	3.6	8.4
11	Barnyard grass species	22.5	6.6	29.2	1.3	5.8	30.0	8.3
12	Shepherd's-purse	22.5	7.8	34.7	1.0	4.6	10.2	8.2
13	Lamb's-quarters	30.7	6.9	22.4	0.6	1.9	7.2	7.7
14	False cleavers	30.0	5.4	18.1	0.5	1.8	4.8	6.9
15	Round-leaved mallow	20.3	4.0	19.6	0.6	2.8	9.4	5.3
16	Barley	24.1	2.4	10.0	0.2	0.9	2.4	4.2
17	Slough grass	3.5	2.8	80.0	1.0	28.6	28.6	3.9
18	Night-flowering catchfly	15.2	2.9	19.4	0.2	1.4	2.4	3.4
19	Perennial sow-thistle	7.6	4.2	55.0	0.3	3.3	4.0	3.2
20	Russian thistle	12.4	2.5	20.0	0.1	1.0	2.2	2.7
21	Foxtail barley	11.5	2.3	19.9	0.2	1.4	2.2	2.6
22	Prostrate knotweed	15.5	1.3	8.1	0.1	0.4	0.6	2.4
23	Annual spurge species	10.0	2.3	22.6	0.1	1.4	3.4	2.4
24	Field horsetail	8.4	1.1	13.5	0.3	3.1	5.4	2.0
25	Hemp-nettle	12.0	0.8	6.6	<0.1	0.3	0.4	1.8
26	Broad-leaved plantain	3.7	1.6	45.0	0.2	6.2	6.2	1.6
27	American vetch	9.5	0.5	5.0	<0.1	0.4	0.6	1.4
28	Canada fleabane	6.7	1.0	15.7	0.1	0.9	1.0	1.3
29	Scentless chamomile	8.5	0.4	5.0	<0.1	0.4	0.6	1.2
30	Rough cinquefoil	8.4	0.4	5.0	<0.1	0.4	0.4	1.2
31	Stinkweed	7.9	0.6	7.5	<0.1	0.3	0.4	1.2
32	Yellow sweet-clover	7.8	0.4	5.0	<0.1	0.2	0.2	1.1
33	Northern willowherb	3.7	0.9	25.0	0.1	2.8	2.8	1.0
34	Alfalfa	6.5	0.3	5.0	<0.1	0.2	0.2	0.9
35	Kochia	3.8	0.6	15.0	0.1	2.6	2.6	0.9
36	Scouring-rush	4.8	0.5	10.0	<0.1	0.8	0.8	0.8
37	Flixweed	4.7	0.5	11.3	<0.1	0.5	0.8	0.8
38	Pale smartweed	3.7	0.5	15.0	<0.1	0.8	0.8	0.7
39	Clover species	4.7	0.2	5.0	<0.1	0.6	0.6	0.7
40	Redroot pigweed	4.0	0.4	10.0	<0.1	0.6	0.6	0.7
41	American dragonhead	4.8	0.2	5.0	<0.1	0.2	0.2	0.7
42	Pygmyflower	4.8	0.2	5.0	<0.1	0.2	0.2	0.7
43	Yellow toadflax	4.8	0.2	5.0	<0.1	0.2	0.2	0.7
44	Biennial wormwood	3.8	0.4	10.0	<0.1	0.4	0.4	0.6
45	Purslane	4.0	0.2	5.0	<0.1	0.4	0.4	0.6
46	Milk-vetch species	3.9	0.2	5.0	<0.1	0.2	0.2	0.5
47	Annual brome species	3.9	0.2	5.0	<0.1	0.2	0.2	0.5
48	Flax	3.8	0.2	5.0	<0.1	0.2	0.2	0.5
49	Pineappleweed	3.8	0.2	5.0	<0.1	0.2	0.2	0.5
50	Cow cockle	3.5	0.2	5.0	<0.1	0.2	0.2	0.5
51	Low cudweed	3.5	0.2	5.0	<0.1	0.2	0.2	0.5

Field Survey Summary Tables – Moist Mixed Grassland Ecoregion

Table 31. 2014/15 Annual crops in the Moist Mixed Grassland Ecoregion (645 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	54.5	25.8	47.4	10.8	19.9	261.4	44.8
2	Canola/rapeseed	52.5	23.0	43.9	4.7	9.0	207.0	29.3
3	Wild buckwheat	66.1	20.8	31.4	2.2	3.3	53.6	24.3
4	Wild oats	42.8	16.3	38.0	4.6	10.6	152.2	24.2
5	Narrow-leaved hawk's-beard	30.5	10.1	33.2	3.3	10.8	216.4	16.6
6	Spiny annual sow-thistle	30.2	9.3	30.8	2.4	8.1	545.2	14.3
7	Canada thistle	47.0	9.1	19.4	1.0	2.1	29.4	13.2
8	Lamb's-quarters	38.2	8.7	22.9	1.4	3.6	132.8	12.7
9	Wheat	18.5	6.0	32.6	1.0	5.6	62.2	7.9
10	Perennial sow-thistle	19.4	4.7	24.1	1.2	6.2	389.8	7.7
11	Stinkweed	19.6	4.7	23.9	0.9	4.4	75.6	7.0
12	Barnyard grass species	16.9	4.3	25.5	1.0	5.8	83.2	6.7
13	False cleavers	15.2	4.9	32.5	0.8	5.2	46.0	6.3
14	Kochia	17.5	3.8	21.4	0.8	4.6	128.0	6.1
15	Dandelion	21.1	4.0	19.0	0.4	1.7	64.2	5.7
16	Redroot pigweed	12.4	3.2	25.3	0.8	6.1	139.0	5.0
17	Shepherd's-purse	13.1	3.3	25.2	0.7	5.1	96.8	4.9
18	Wild mustard	11.2	3.8	34.3	0.6	5.5	94.8	4.8
19	Foxtail barley	13.8	2.8	20.3	0.4	3.0	40.2	4.2
20	Flax	6.3	3.0	47.1	0.8	13.1	110.4	4.2
21	Round-leaved mallow	15.5	2.9	18.4	0.2	1.6	10.2	4.1
22	Northern willowherb	12.0	1.9	16.0	0.2	2.0	66.2	3.2
23	Tumble pigweed	8.8	1.5	16.7	0.5	5.4	176.6	3.0
24	Biennial wormwood	10.7	1.8	16.7	0.2	1.8	27.0	2.8
25	Annual spurge species	10.3	1.8	17.5	0.2	1.9	28.6	2.8
26	Annual brome species	4.3	1.3	31.0	0.6	13.7	140.0	2.6
27	Canada fleabane	7.3	1.0	13.5	0.1	1.2	9.6	1.7
28	Annual sow-thistle	4.5	1.2	25.8	0.2	4.3	52.8	1.6
29	Russian thistle	5.9	1.1	18.6	0.1	1.9	11.2	1.6
30	Pale smartweed	5.8	0.8	14.3	0.1	1.8	10.0	1.4
31	Broad-leaved plantain	5.1	0.6	12.4	0.2	3.0	61.4	1.4
32	Black medick	3.3	0.8	25.4	0.2	5.4	41.2	1.3
33	Low cudweed	4.4	0.7	15.0	0.1	3.0	30.8	1.2
34	Prostrate knotweed	5.2	0.6	11.0	0.1	1.0	18.6	1.1
35	Barley	2.2	0.6	29.5	0.1	5.5	26.4	0.9
36	Persian damel	1.7	0.5	27.4	0.2	11.3	65.2	0.9
37	Lentil	3.1	0.6	20.7	0.1	1.6	9.0	0.9
38	Dock species	4.0	0.4	10.4	< 0.1	0.6	3.0	0.8
39	Alfalfa	2.0	0.6	28.1	0.1	4.1	35.0	0.7
40	Flixweed	3.1	0.4	13.4	< 0.1	1.2	13.4	0.7
41	Rough cinquefoil	3.3	0.4	11.9	< 0.1	0.9	6.4	0.7
42	Rough hair grass	2.1	0.5	23.3	0.1	3.0	12.6	0.7
43	Scouring-rush	1.6	0.4	27.3	0.1	6.4	29.4	0.6
44	Rayless aster	2.9	0.4	12.6	< 0.1	1.0	4.8	0.6
45	Willow species	2.9	0.3	10.7	< 0.1	0.6	4.8	0.6
46	Field horsetail	1.0	0.2	23.5	0.1	13.9	26.8	0.6
47	Common pepper-grass	2.8	0.3	11.4	< 0.1	0.6	1.6	0.6
48	Common groundsel	1.2	0.4	34.5	0.1	7.2	22.8	0.6
49	Prostrate pigweed	2.4	0.3	12.5	< 0.1	0.9	3.8	0.5
50	Night-flowering catchfly	2.1	0.3	15.0	< 0.1	1.9	8.6	0.5
51	Yellow sweet-clover	1.2	0.3	29.2	0.1	6.0	43.4	0.5
52	Hemp-nettle	1.9	0.3	13.5	< 0.1	1.5	9.4	0.5

(Table continued on next page)

Field Survey Summary Tables – Moist Mixed Grassland Ecoregion

Table 31. 2014/15 Annual crops in the Moist Mixed Grassland Ecoregion (645 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Pennsylvania pellitory	0.3	0.3	75.0	0.1	33.7	58.0	0.4
54	White mustard	0.5	0.2	49.4	0.1	21.0	64.2	0.4
55	Purslane	1.4	0.2	12.7	0.1	4.1	31.6	0.4
56	American vetch	2.2	0.1	6.4	< 0.1	0.4	1.8	0.4
57	Pygmyflower	2.0	0.2	7.6	< 0.1	0.6	4.2	0.4
58	Purslane speedwell	1.7	0.2	9.9	< 0.1	0.6	1.6	0.3
59	Golden dock	1.6	0.2	11.2	< 0.1	0.9	4.2	0.3
60	Chickweed	1.2	0.2	15.5	< 0.1	3.1	14.8	0.3
61	Yellow foxtail	0.8	0.2	27.7	< 0.1	4.3	12.2	0.3
62	Cow cockle	1.4	0.2	11.4	< 0.1	0.9	3.2	0.3
63	Quack grass	1.0	0.2	18.3	< 0.1	2.6	10.4	0.3
64	Marsh yellow cress	1.6	0.1	7.1	< 0.1	0.4	0.8	0.3
65	Field pea	1.3	0.1	10.0	< 0.1	0.6	1.8	0.3
66	Slough grass	1.1	0.1	8.4	< 0.1	0.8	2.0	0.2
67	Oak-leaved goosefoot	0.9	0.1	13.2	< 0.1	1.5	3.4	0.2
68	Goat's-beard	0.8	0.1	17.9	< 0.1	1.3	4.0	0.2
69	Prickly lettuce	1.1	0.1	5.7	< 0.1	0.4	0.8	0.2
70	Bluebur	0.9	0.1	10.9	< 0.1	0.6	1.4	0.2
71	Oats	0.3	0.1	24.6	< 0.1	9.2	12.8	0.2
72	Rose species	0.8	0.1	7.9	< 0.1	0.5	1.2	0.2
73	Stork's-bill	0.8	0.1	7.2	< 0.1	0.5	1.2	0.1
74	American dragonhead	0.8	< 0.1	6.1	< 0.1	0.3	0.8	0.1
75	Scentless chamomile	0.5	0.1	13.5	< 0.1	2.0	6.6	0.1
76	Pineappleweed	0.6	0.1	9.3	< 0.1	0.4	0.8	0.1
77	Soybean	0.5	0.1	14.9	< 0.1	1.5	3.0	0.1
78	Siberian elm	0.6	0.1	8.6	< 0.1	0.5	1.6	0.1
79	Common yellow wood-sorrel	0.5	< 0.1	10.3	< 0.1	0.8	1.2	0.1
80	Chickpea	0.2	0.1	55.0	< 0.1	5.0	5.0	0.1
81	Absinth	0.5	< 0.1	6.9	< 0.1	0.3	0.4	0.1
82	Spear-leaved goosefoot	0.5	< 0.1	5.0	< 0.1	0.7	1.4	0.1
83	Cattail	0.5	< 0.1	5.0	< 0.1	0.5	0.8	0.1
84	Hemp	0.2	0.1	55.0	< 0.1	5.0	5.0	0.1
85	Poplar species	0.4	< 0.1	7.5	< 0.1	0.3	0.4	0.1
86	Russian pigweed	0.3	< 0.1	9.6	< 0.1	0.4	0.6	0.1
87	Field bindweed	0.2	0.1	30.0	< 0.1	1.8	1.8	0.1
88	Skeletonweed	0.3	< 0.1	12.2	< 0.1	0.7	1.2	0.1
89	Dog mustard	0.3	< 0.1	5.0	< 0.1	0.4	0.6	0.1
90	Blue lettuce	0.3	< 0.1	7.6	< 0.1	0.9	1.4	0.1
91	Beggarticks species	0.3	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
92	Green tansy mustard	0.2	< 0.1	20.0	< 0.1	1.0	1.0	< 0.1
93	Small bugloss	0.2	< 0.1	25.0	< 0.1	1.2	1.2	< 0.1
94	Tartary buckwheat	0.2	< 0.1	20.0	< 0.1	1.0	1.0	< 0.1
95	Water smartweed	0.2	< 0.1	10.0	< 0.1	2.2	2.2	< 0.1
96	Wild licorice	0.2	< 0.1	10.0	< 0.1	1.4	1.4	< 0.1
97	Wormseed mustard	0.2	< 0.1	5.0	< 0.1	0.4	0.4	< 0.1
98	Milk-vetch species	0.2	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
99	Manitoba maple	0.2	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
100	Aster species	0.2	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
101	Five-hooked bassia	0.1	< 0.1	10.0	< 0.1	1.0	1.0	< 0.1
102	Blue grass species	0.1	< 0.1	10.0	< 0.1	0.6	0.6	< 0.1
103	Sunflower species	0.1	< 0.1	10.0	< 0.1	0.4	0.4	< 0.1
104	Clover species	0.2	< 0.1	5.0	< 0.1	0.4	0.4	< 0.1

(Table continued on next page)

Table 31. 2014/15 Annual crops in the Moist Mixed Grassland Ecoregion (645 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
105	Spike-rush species	0.2	< 0.1	5.0	< 0.1	0.4	0.4	< 0.1
106	Meadow brome	0.1	< 0.1	5.0	< 0.1	0.8	0.8	< 0.1
107	Striate knotweed	0.1	< 0.1	10.0	< 0.1	0.4	0.4	< 0.1
108	Atriplex species	0.2	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
109	Wild tomato	0.2	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
110	Goldenrod species	0.2	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
111	Toad rush	0.2	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
112	Clammy hedge-hyssop	0.2	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
113	Wood whitlow-grass	0.1	< 0.1	15.0	< 0.1	0.6	0.6	< 0.1
114	Pasture sage	0.1	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
115	Sedge species	0.1	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
116	Scouler's popcomflower	0.1	< 0.1	5.0	< 0.1	0.4	0.4	< 0.1

Field Survey Summary Tables – Spring wheat in the Moist Mixed Grassland Ecoregion

Table 32. 2014/15 Spring wheat in the Moist Mixed Grassland Ecoregion (172 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	60.5	32.3	53.4	17.0	28.1	252.4	51.5
2	Wild buckwheat	74.7	28.3	37.8	3.1	4.1	53.6	27.1
3	Canola/rapeseed	53.5	21.9	41.0	5.7	10.7	207.0	26.3
4	Wild oats	41.1	17.4	42.5	4.5	10.9	152.2	20.6
5	Narrow-leaved hawks-beard	38.1	12.2	31.9	4.6	12.2	216.4	18.2
6	Canada thistle	57.9	13.7	23.6	1.4	2.4	17.4	15.7
7	Spiny annual sow-thistle	34.3	10.1	29.6	2.2	6.6	99.4	12.7
8	Lamb's-quarters	37.9	9.4	24.7	1.5	3.9	99.8	11.5
9	False cleavers	21.2	6.8	32.2	1.2	5.5	43.2	7.7
10	Dandelion	26.9	6.3	23.4	0.5	1.8	8.4	7.0
11	Stinkweed	16.2	4.5	27.5	1.3	8.3	75.6	6.3
12	Foxtail barley	23.1	4.5	19.5	0.6	2.8	16.2	6.0
13	Barnyard grass species	14.5	4.5	31.2	1.2	8.3	42.6	5.9
14	Shepherd's-purse	16.2	4.9	30.2	1.0	5.9	66.4	5.9
15	Perennial sow-thistle	18.7	4.9	26.4	0.6	3.3	17.0	5.6
16	Flax	5.9	3.5	60.2	1.6	28.1	110.4	5.2
17	Round-leaved mallow	19.6	3.1	15.7	0.3	1.5	10.2	4.3
18	Tumble pigweed	10.6	1.7	15.6	1.2	11.7	176.6	4.2
19	Kochia	15.8	3.1	19.8	0.4	2.5	25.4	4.0
20	Wild mustard	8.4	2.9	33.9	0.8	9.4	94.8	3.7
21	Redroot pigweed	10.2	2.8	26.9	0.6	5.8	47.8	3.5
22	Biennial wormwood	13.8	2.5	17.7	0.4	2.6	27.0	3.4
23	Northern willowherb	15.7	2.0	12.5	0.1	0.8	3.2	3.0
24	Canada fleabane	11.5	1.6	13.9	0.2	1.4	9.6	2.4
25	Annual spurge species	8.8	1.5	17.6	0.2	2.8	28.6	2.2
26	Pale smartweed	8.2	1.7	20.7	0.2	2.4	6.8	2.1
27	Prostrate knotweed	9.5	1.2	13.0	0.1	1.5	18.6	2.0
28	Broad-leaved plantain	5.4	1.0	18.9	0.5	8.5	61.4	1.9
29	Low cudweed	7.1	1.0	14.6	0.3	3.8	30.8	1.8
30	Russian thistle	7.1	1.2	16.9	0.1	1.8	9.6	1.6
31	Wheat	4.2	1.6	39.1	0.2	5.3	13.8	1.6
32	Persian damel	3.8	1.0	26.6	0.3	7.7	39.0	1.4
33	Rough hair grass	3.0	1.1	36.5	0.2	5.7	12.6	1.1
34	White mustard	1.1	0.7	59.8	0.4	31.4	64.2	1.1
35	Scouring-rush	2.6	0.6	23.6	0.2	8.7	29.4	1.0
36	Annual sow-thistle	3.6	0.9	24.1	0.1	2.7	11.2	1.0
37	Flixweed	3.2	0.9	27.7	0.1	3.3	13.4	1.0
38	Annual brome species	2.6	0.6	21.2	0.2	8.5	23.8	1.0
39	Pennsylvania pellitory	0.6	0.6	95.0	0.4	58.0	58.0	1.0
40	Field horsetail	2.2	0.4	18.0	0.3	12.4	26.8	0.9
41	Rough cinquefoil	3.7	0.7	17.9	0.1	1.6	6.4	0.9
42	Rayless aster	4.1	0.5	12.8	0.1	1.3	4.8	0.8
43	Willow species	5.1	0.4	7.5	< 0.1	0.3	0.6	0.8
44	Barley	1.1	0.7	57.4	0.2	15.0	23.6	0.7
45	Common groundsel	1.3	0.6	45.0	0.1	10.9	21.0	0.7
46	Pygmyflower	4.4	0.2	5.6	< 0.1	0.3	0.6	0.7
47	Lentil	1.6	0.7	47.0	0.1	4.8	9.0	0.6
48	Common pepper-grass	3.2	0.4	13.7	< 0.1	0.7	1.6	0.6
49	Hemp-nettle	2.7	0.3	12.5	< 0.1	1.1	1.6	0.5
50	Dock species	2.8	0.2	8.0	< 0.1	0.4	1.0	0.5
51	Alfalfa	1.8	0.5	26.2	< 0.1	1.6	3.2	0.5
52	Black medick	1.8	0.4	21.6	< 0.1	2.5	3.2	0.5

(Table continued on next page)

Field Survey Summary Tables – Spring wheat in the Moist Mixed Grassland Ecoregion

Table 32. 2014/15 Spring wheat in the Moist Mixed Grassland Ecoregion (172 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Golden dock	3.0	0.1	5.0	<0.1	0.2	0.2	0.5
54	Field pea	2.2	0.3	12.6	<0.1	0.8	1.8	0.4
55	Yellow foxtail	1.3	0.4	30.0	<0.1	3.0	5.8	0.4
56	Marsh yellow cress	2.1	0.2	9.7	<0.1	0.6	0.8	0.4
57	Quack grass	1.5	0.3	17.3	<0.1	2.5	3.6	0.4
58	Bluebur	1.7	0.3	16.5	<0.1	0.8	1.4	0.4
59	American vetch	2.1	0.2	7.5	<0.1	0.4	0.8	0.4
60	Cow cockle	1.7	0.2	13.2	<0.1	1.2	1.6	0.3
61	Prostrate pigweed	1.8	0.2	8.3	<0.1	0.6	1.0	0.3
62	Oats	0.6	0.2	35.0	0.1	12.8	12.8	0.3
63	Chickpea	0.7	0.4	55.0	<0.1	5.0	5.0	0.3
64	Pineappleweed	1.7	0.1	9.0	<0.1	0.4	0.8	0.3
65	Prickly lettuce	1.8	0.1	5.0	<0.1	0.3	0.4	0.3
66	Purslane speedwell	1.2	0.2	15.4	<0.1	1.0	1.4	0.3
67	Scentless chamomile	0.9	0.1	14.4	<0.1	3.2	6.6	0.2
68	Goat's-beard	0.6	0.3	50.0	<0.1	4.0	4.0	0.2
69	Chickweed	1.3	0.1	5.0	<0.1	0.3	0.4	0.2
70	Field bindweed	0.6	0.2	30.0	<0.1	1.8	1.8	0.2
71	American dragonhead	1.2	0.1	5.0	<0.1	0.2	0.2	0.2
72	Purslane	1.1	0.1	7.4	<0.1	0.3	0.4	0.2
73	Siberian elm	1.1	0.1	5.0	<0.1	0.2	0.2	0.2
74	Rose species	0.9	<0.1	5.0	<0.1	0.3	0.4	0.1
75	Tartary buckwheat	0.6	0.1	20.0	<0.1	1.0	1.0	0.1
76	Soybean	0.6	0.1	15.0	<0.1	0.6	0.6	0.1
77	Spear-leaved goosefoot	0.7	<0.1	5.0	<0.1	0.4	0.4	0.1
78	Dog mustard	0.6	<0.1	5.0	<0.1	0.6	0.6	0.1
79	Slough grass	0.7	<0.1	5.0	<0.1	0.2	0.2	0.1
80	Stork's-bill	0.7	<0.1	5.0	<0.1	0.2	0.2	0.1
81	Night-flowering catchfly	0.6	<0.1	5.0	<0.1	0.2	0.2	0.1
82	Five-hooked bassia	0.5	0.1	10.0	<0.1	1.0	1.0	0.1
83	Blue lettuce	0.5	0.1	10.0	<0.1	0.4	0.4	0.1
84	Absinth	0.6	<0.1	5.0	<0.1	0.2	0.2	0.1
85	Common yellow wood-sorrel	0.6	<0.1	5.0	<0.1	0.2	0.2	0.1
86	Beggarticks species	0.5	<0.1	5.0	<0.1	0.2	0.2	0.1
87	Pasture sage	0.5	<0.1	5.0	<0.1	0.2	0.2	0.1
88	Sedge species	0.5	<0.1	5.0	<0.1	0.2	0.2	0.1

Field Survey Summary Tables – Durum in the Moist Mixed Grassland Ecoregio

Table 33. 2014/15 Durum in the Moist Mixed Grassland Ecoregio (67 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	40.3	16.6	41.3	7.0	17.5	173.2	47.8
2	Wild buckwheat	57.0	15.4	27.0	1.3	2.3	14.4	28.6
3	Canola/rapeseed	37.6	11.9	31.6	1.5	3.9	22.8	22.5
4	Wild oats	26.5	8.4	31.5	2.1	8.0	30.8	19.9
5	Spiny annual sow-thistle	21.0	7.7	36.7	2.2	10.4	49.0	18.6
6	Lamb's-quarters	34.9	6.7	19.1	0.9	2.7	43.6	15.8
7	Perennial sow-thistle	21.7	6.1	28.1	1.3	6.1	47.2	14.2
8	Canada thistle	38.2	4.5	11.9	0.5	1.4	4.4	13.2
9	Redroot pigweed	11.4	3.9	34.5	1.9	16.9	102.8	12.6
10	Shepherd's-purse	9.7	2.5	25.8	1.7	17.9	96.8	10.4
11	Wild mustard	18.2	5.7	31.4	0.4	2.5	5.8	9.8
12	Stinkweed	14.7	4.0	27.0	0.8	5.5	24.2	9.2
13	Barnyard grass species	13.3	4.6	34.5	0.7	5.5	32.6	9.1
14	Annual sow-thistle	5.1	2.5	48.3	1.0	18.8	52.8	6.7
15	False cleavers	4.7	2.7	56.6	0.9	20.1	46.0	6.6
16	Round-leaved mallow	17.0	2.3	13.5	0.2	1.0	3.6	5.8
17	Kochia	13.4	2.5	18.3	0.2	1.3	2.8	5.3
18	Dandelion	13.6	2.2	16.2	0.1	1.0	2.0	5.0
19	Annual brome species	4.8	1.8	38.1	0.6	12.3	27.0	4.7
20	Foxtail barley	11.2	1.8	16.1	0.2	1.5	5.0	4.3
21	Narrow-leaved hawk's-beard	8.1	2.1	25.7	0.2	2.1	6.0	3.9
22	Tumble pigweed	11.3	1.1	10.1	0.1	0.6	1.2	3.4
23	Flax	6.5	1.6	25.2	0.2	2.6	8.2	3.2
24	Annual spurge species	9.3	0.7	7.5	0.1	0.7	1.8	2.7
25	Pale smartweed	7.9	0.7	8.9	<0.1	0.6	1.2	2.3
26	Alfalfa	5.9	1.0	17.9	0.1	1.0	1.8	2.2
27	Dock species	6.9	0.6	7.9	<0.1	0.5	1.6	2.0
28	Wheat	4.3	0.9	21.5	0.1	1.8	3.0	1.9
29	Biennial wormwood	4.1	0.5	13.2	<0.1	1.1	1.6	1.4
30	Cow cockle	2.8	0.7	24.7	<0.1	1.8	3.2	1.3
31	Lentil	3.1	0.3	10.0	<0.1	0.5	0.6	0.9
32	Northern willowherb	1.9	0.6	30.0	<0.1	1.4	1.4	0.9
33	Field pea	2.8	0.3	10.0	<0.1	0.4	0.6	0.8
34	Common groundsel	1.7	0.3	15.0	<0.1	2.0	2.0	0.7
35	Low cudweed	1.9	0.2	10.0	<0.1	0.4	0.4	0.6
36	Russian thistle	1.5	0.2	15.0	<0.1	0.8	0.8	0.5
37	Cattail	1.7	0.1	5.0	<0.1	0.4	0.4	0.4
38	Common pepper-grass	1.4	0.1	5.0	<0.1	0.4	0.4	0.3
39	Rose species	1.1	0.1	5.0	<0.1	0.2	0.2	0.3
40	Stork's-bill	1.1	0.1	5.0	<0.1	0.2	0.2	0.3

Field Survey Summary Tables – Barley in the Moist Mixed Grassland Ecoregion

Table 34. 2014/15 Barley in the Moist Mixed Grassland Ecoregion (43 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	68.3	31.9	46.7	16.4	24.1	261.4	52.1
2	Canola/rapeseed	68.1	35.5	52.1	6.8	10.0	35.0	35.8
3	Wild oats	53.7	19.2	35.8	2.9	5.4	31.2	19.9
4	Wild buckwheat	75.4	17.9	23.8	1.4	1.9	9.6	19.2
5	Canada thistle	53.0	11.8	22.3	1.1	2.0	7.6	13.3
6	Narrow-leaved hawk's-beard	37.4	11.2	29.9	2.1	5.6	27.4	13.1
7	Lamb's-quarters	34.2	7.4	21.6	3.0	8.9	132.8	12.8
8	Barnyard grass species	26.3	7.4	28.3	3.0	11.6	83.2	11.9
9	Foxtail barley	27.1	6.9	25.4	1.4	5.1	40.2	8.7
10	Perennial sow-thistle	30.7	7.3	23.9	0.9	2.8	11.6	8.3
11	Dandelion	23.0	5.5	23.8	1.6	6.8	64.2	7.9
12	False cleavers	20.2	6.8	33.7	1.1	5.6	30.4	7.4
13	Spiny annual sow-thistle	30.2	6.2	20.6	0.6	2.0	7.4	7.3
14	Kochia	22.6	3.4	15.0	1.5	6.5	52.8	6.8
15	Redroot pigweed	22.0	6.4	28.9	0.8	3.5	12.2	6.8
16	Black medick	9.5	5.3	56.2	1.7	17.7	41.2	6.5
17	Wheat	12.1	3.4	28.3	1.6	13.3	62.2	5.9
18	Round-leaved mallow	20.0	5.3	26.6	0.5	2.4	8.0	5.5
19	Tumble pigweed	8.2	3.7	45.4	1.1	14.0	38.2	4.7
20	Wild mustard	7.5	5.0	66.4	0.8	11.0	16.8	4.5
21	Stinkweed	17.7	2.2	12.5	0.1	0.7	1.4	3.3
22	Shepherd's-purse	18.5	1.5	8.2	0.1	0.6	2.2	3.1
23	Alfalfa	4.3	2.0	46.5	0.7	17.3	35.0	2.7
24	Chickweed	6.6	2.1	31.7	0.5	7.5	14.8	2.6
25	Northern willowherb	14.9	1.4	9.5	0.1	0.6	1.2	2.5
26	Scouring-rush	3.8	2.6	70.0	0.4	9.4	9.4	2.2
27	Prostrate pigweed	8.7	1.3	14.5	0.1	1.1	3.8	1.7
28	Broad-leaved plantain	9.0	1.0	11.1	0.1	0.9	1.6	1.6
29	Biennial wormwood	7.1	1.2	16.7	0.2	2.2	4.2	1.6
30	Purslane	1.8	0.7	40.0	0.6	31.6	31.6	1.6
31	Annual spurge species	8.0	1.2	14.9	0.1	0.8	1.0	1.6
32	Pale smartweed	10.5	0.6	6.1	< 0.1	0.2	0.4	1.6
33	Rough cinquefoil	6.0	1.1	17.4	< 0.1	0.8	1.2	1.3
34	Dock species	4.4	1.0	22.5	0.1	1.6	3.0	1.1
35	Night-flowering catchfly	4.6	0.9	19.8	0.1	1.3	1.4	1.0
36	Russian thistle	5.9	0.6	9.8	< 0.1	0.6	0.8	1.0
37	Pygmyflower	4.3	0.7	17.1	0.1	2.1	4.2	1.0
38	Flax	2.6	1.2	45.0	0.1	2.4	2.4	0.9
39	Stork's-bill	4.8	0.5	10.0	< 0.1	0.9	1.2	0.8
40	Oats	2.6	0.4	15.0	0.2	5.8	5.8	0.8
41	Annual brome species	4.6	0.4	7.6	< 0.1	0.6	0.8	0.8
42	Canada fleabane	4.7	0.2	5.0	< 0.1	0.2	0.2	0.7
43	Willow species	4.3	0.3	7.4	< 0.1	0.3	0.4	0.7
44	American vetch	4.6	0.2	5.0	< 0.1	0.2	0.2	0.7
45	Prostrate knotweed	3.8	0.3	7.9	< 0.1	0.3	0.4	0.6
46	Rose species	2.3	0.5	20.0	< 0.1	1.2	1.2	0.5
47	Russian pigweed	2.2	0.3	15.0	< 0.1	0.6	0.6	0.4
48	Quack grass	2.3	0.2	10.0	< 0.1	0.6	0.6	0.4
49	Hemp-nettle	2.2	0.2	10.0	< 0.1	0.6	0.6	0.4
50	Spear-leaved goosefoot	2.2	0.1	5.0	< 0.1	1.4	1.4	0.4
51	Purslane speedwell	2.4	0.1	5.0	< 0.1	0.6	0.6	0.4
52	Flixweed	2.3	0.1	5.0	< 0.1	0.2	0.2	0.3

(Table continued on next page)

Field Survey Summary Tables – Barley in the Moist Mixed Grassland Ecoregion

Table 34. 2014/15 Barley in the Moist Mixed Grassland Ecoregion (43 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Yellow sweet-clover	2.2	0.1	5.0	<0.1	0.4	0.4	0.3
54	Meadow brome	2.1	0.1	5.0	<0.1	0.8	0.8	0.3
55	Rayless aster	2.2	0.1	5.0	<0.1	0.2	0.2	0.3
56	Dog mustard	2.2	0.1	5.0	<0.1	0.2	0.2	0.3
57	Atriplex species	2.2	0.1	5.0	<0.1	0.2	0.2	0.3

Field Survey Summary Tables – Oat in the Moist Mixed Grassland Ecoregion

Table 35. 2014/15 Oat in the Moist Mixed Grassland Ecoregion (22 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	90.1	60.9	67.5	31.3	34.7	176.2	88.0
2	Wild buckwheat	82.6	34.3	41.4	3.9	4.7	24.2	29.9
3	Lamb's-quarters	52.9	23.5	44.4	3.6	6.7	22.0	21.6
4	Wild oats	37.8	18.3	48.3	2.9	7.8	22.6	16.7
5	Canola/rapeseed	35.9	12.5	34.9	3.9	10.9	65.6	15.9
6	Canada thistle	46.0	11.9	25.9	2.1	4.7	29.4	13.8
7	Stinkweed	40.6	9.4	23.0	1.0	2.5	8.2	10.2
8	Barnyard grass species	21.9	6.2	28.4	1.1	4.8	12.4	6.8
9	Yellow sweet-clover	12.1	5.9	48.6	1.7	14.4	43.4	6.7
10	Perennial sow-thistle	31.1	4.6	14.9	0.5	1.6	7.2	6.3
11	Redroot pigweed	22.2	6.4	28.8	0.5	2.3	4.8	6.0
12	Dandelion	33.5	3.6	10.8	0.2	0.7	1.8	5.8
13	Wild mustard	17.4	4.9	27.9	0.6	3.7	7.6	5.1
14	Narrow-leaved hawk's-beard	28.9	2.8	9.5	0.3	0.9	5.0	5.0
15	Russian thistle	8.7	5.3	61.6	0.8	8.7	11.2	4.4
16	Biennial wormwood	12.7	3.3	26.2	0.3	2.0	4.8	3.2
17	Spiny annual sow-thistle	14.4	2.3	16.3	0.2	1.2	2.8	2.9
18	False cleavers	9.5	2.4	25.1	0.5	5.2	11.4	2.9
19	Foxtail barley	18.4	1.2	6.3	0.1	0.4	1.0	2.8
20	Kochia	4.3	2.8	65.0	0.6	15.0	15.0	2.7
21	Tumble pigweed	8.4	3.1	36.5	0.2	2.4	4.0	2.6
22	Pennsylvania pellitory	4.9	2.7	55.0	0.5	9.4	9.4	2.4
23	Scouring-rush	9.6	1.8	18.3	0.3	3.4	7.4	2.4
24	Round-leaved mallow	9.0	2.5	27.5	0.1	1.5	2.0	2.3
25	Northern willowherb	14.1	1.0	6.9	0.1	0.6	0.8	2.2
26	Prostrate knotweed	7.6	2.1	27.2	0.1	1.6	2.0	1.9
27	Black medick	8.2	1.8	21.7	0.1	1.5	3.0	1.9
28	Common pepper-grass	8.7	1.4	16.5	0.1	0.9	1.6	1.7
29	Flixweed	8.8	1.3	14.4	0.1	0.9	1.0	1.7
30	Dock species	8.4	1.2	14.3	0.1	0.9	1.4	1.6
31	Annual sow-thistle	4.9	1.7	35.0	0.1	2.2	2.2	1.5
32	Broad-leaved plantain	9.5	0.5	5.0	0.1	0.6	1.0	1.4
33	Skeleton weed	7.8	1.0	12.2	0.1	0.7	1.2	1.4
34	White mustard	4.9	1.5	30.0	0.1	1.8	1.8	1.3
35	American vetch	8.7	0.6	7.2	< 0.1	0.3	0.4	1.3
36	Cow cockle	9.2	0.5	5.0	< 0.1	0.2	0.2	1.3
37	Annual spurge species	3.7	1.5	40.0	0.1	3.0	3.0	1.2
38	Shepherd's-purse	4.9	1.2	25.0	0.1	1.4	1.4	1.2
39	Wheat	8.2	0.4	5.0	< 0.1	0.3	0.4	1.2
40	Canada fleabane	4.9	0.5	10.0	< 0.1	0.6	0.6	0.8
41	Rough cinquefoil	4.5	0.5	10.0	< 0.1	0.8	0.8	0.8
42	Slough grass	4.5	0.5	10.0	< 0.1	0.8	0.8	0.8
43	Night-flowering catchfly	5.3	0.3	5.0	< 0.1	0.2	0.2	0.7
44	Manitoba maple	5.2	0.3	5.0	< 0.1	0.2	0.2	0.7
45	Rose species	4.9	0.2	5.0	< 0.1	0.2	0.2	0.7
46	Spike-rush species	4.5	0.2	5.0	< 0.1	0.4	0.4	0.7
47	Oak-leaved goosefoot	3.9	0.4	10.0	< 0.1	0.4	0.4	0.6
48	Rayless aster	4.5	0.2	5.0	< 0.1	0.2	0.2	0.6
49	Low cudweed	4.5	0.2	5.0	< 0.1	0.2	0.2	0.6
50	Toad rush	4.5	0.2	5.0	< 0.1	0.2	0.2	0.6
51	Clammy hedge-hyssop	4.5	0.2	5.0	< 0.1	0.2	0.2	0.6
52	Barley	4.3	0.2	5.0	< 0.1	0.2	0.2	0.6

(Table continued on next page)

Field Survey Summary Tables – Oat in the Moist Mixed Grassland Ecoregion

Table 35. 2014/15 Oat in the Moist Mixed Grassland Ecoregion (22 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Marsh yellow cress	4.1	0.2	5.0	< 0.1	0.2	0.2	0.6
54	Bluebur	3.9	0.2	5.0	< 0.1	0.2	0.2	0.6
55	Persian damel	3.9	0.2	5.0	< 0.1	0.2	0.2	0.6

Field Survey Summary Tables – Canola in the Moist Mixed Grassland Ecoregion

Table 36. 2014/15 Canola in the Moist Mixed Grassland Ecoregion (177 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	48.4	20.7	42.6	6.2	12.8	170.6	32.5
2	Wild oats	43.7	17.0	39.0	6.1	13.9	113.6	29.6
3	Canola/rapeseed	53.2	23.4	44.0	3.8	7.1	105.6	28.7
4	Wild buckwheat	64.6	18.3	28.4	1.8	2.8	36.4	22.8
5	Spiny annual sow-thistle	28.2	10.8	38.4	4.6	16.5	545.2	20.8
6	Wheat	33.4	13.1	39.2	2.2	6.6	49.6	16.8
7	Narrow-leaved hawk's-beard	24.9	7.9	31.8	2.0	8.2	59.6	12.5
8	Lamb's-quarters	41.3	8.5	20.6	0.8	1.9	21.4	12.1
9	Perennial sow-thistle	14.5	3.4	23.2	2.5	17.3	389.8	9.8
10	Canada thistle	36.8	5.3	14.4	0.5	1.3	19.8	9.1
11	False cleavers	20.3	6.5	32.3	0.9	4.2	30.6	8.3
12	Kochia	18.7	4.7	24.9	1.3	7.0	128.0	8.2
13	Flax	11.2	6.0	53.1	1.3	11.2	45.0	7.7
14	Stinkweed	22.7	4.6	20.1	0.6	2.6	25.8	7.0
15	Northern willowherb	17.7	4.0	22.5	0.7	4.0	66.2	6.3
16	Annual brome species	6.2	2.4	38.3	1.4	21.8	140.0	5.4
17	Barnyard grass species	15.2	3.8	24.9	0.5	3.4	19.2	5.3
18	Dandelion	19.0	2.6	13.9	0.2	0.9	7.2	4.4
19	Redroot pigweed	13.2	2.6	19.7	0.3	2.0	9.4	3.8
20	Round-leaved mallow	12.1	2.7	22.7	0.3	2.2	7.8	3.8
21	Shepherd's-purse	13.3	2.4	17.9	0.2	1.6	9.8	3.6
22	Biennial wormwood	10.9	1.9	17.1	0.2	1.6	9.4	2.9
23	Foxtail barley	6.5	2.2	33.7	0.3	5.1	19.8	2.9
24	Wild mustard	5.9	2.2	36.6	0.3	5.3	22.2	2.7
25	Tumble pigweed	10.4	1.5	14.3	0.1	1.3	11.4	2.5
26	Annual spurge species	7.7	1.7	21.6	0.2	2.7	13.6	2.5
27	Annual sow-thistle	5.8	1.5	25.1	0.2	3.1	16.2	2.0
28	Broad-leaved plantain	7.6	0.7	9.7	0.1	1.0	5.6	1.6
29	Persian damel	1.8	0.6	34.9	0.4	21.8	65.2	1.5
30	Lentil	5.4	1.0	19.3	0.1	1.5	8.4	1.5
31	Low cudweed	4.6	0.6	12.9	0.1	2.2	6.6	1.2
32	Russian thistle	4.8	0.8	16.0	0.1	1.2	3.4	1.2
33	Rayless aster	5.0	0.7	14.2	< 0.1	0.8	2.8	1.2
34	Field horsetail	1.5	0.5	31.2	0.2	16.1	25.4	1.1
35	Canada fleabane	4.9	0.4	7.5	< 0.1	0.4	0.8	0.9
36	Rough hair grass	3.5	0.5	14.8	< 0.1	1.1	3.2	0.9
37	Rough cinquefoil	4.4	0.3	6.9	< 0.1	0.6	3.0	0.8
38	Alfalfa	2.0	0.7	35.6	0.1	3.3	6.2	0.8
39	Willow species	2.9	0.6	19.0	< 0.1	1.3	4.8	0.8
40	Pale smartweed	2.8	0.5	16.0	< 0.1	1.2	3.2	0.7
41	Night-flowering catchfly	2.3	0.4	15.8	0.1	3.3	8.6	0.7
42	Prostrate knotweed	3.7	0.3	7.4	< 0.1	0.3	0.8	0.7
43	Purslane	2.7	0.3	12.1	0.1	1.9	6.0	0.7
44	Barley	2.5	0.3	14.1	< 0.1	1.1	2.2	0.6
45	Black medick	2.9	0.3	8.9	< 0.1	0.5	1.6	0.6
46	Yellow foxtail	1.2	0.4	31.1	0.1	6.8	12.2	0.6
47	Oak-leaved goosefoot	2.0	0.3	14.9	< 0.1	1.9	3.4	0.5
48	Prostrate pigweed	2.8	0.2	6.9	< 0.1	0.3	0.6	0.5
49	Common pepper-grass	2.4	0.2	10.2	< 0.1	0.5	0.8	0.5
50	Flixweed	2.5	0.2	9.0	< 0.1	0.5	1.2	0.5
51	Slough grass	2.3	0.2	8.6	< 0.1	1.0	2.0	0.5
52	Golden dock	1.7	0.3	16.3	< 0.1	1.6	4.2	0.5

(Table continued on next page)

Field Survey Summary Tables – Canola in the Moist Mixed Grassland Ecoregion

Table 36. 2014/15 Canola in the Moist Mixed Grassland Ecoregion (177 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Hemp-nettle	2.4	0.1	5.0	<0.1	0.3	0.4	0.4
54	Purslane speedwell	2.2	0.1	6.5	<0.1	0.3	0.4	0.4
55	Dock species	2.0	0.2	7.6	<0.1	0.3	0.4	0.4
56	American dragonhead	1.7	0.1	6.8	<0.1	0.4	0.8	0.3
57	Soybean	1.2	0.2	14.8	<0.1	1.9	3.0	0.3
58	Marsh yellow cress	1.5	0.1	6.6	<0.1	0.4	0.6	0.3
59	Pygmyflower	1.2	0.1	7.7	<0.1	0.4	0.6	0.2
60	Chickweed	1.3	0.1	5.0	<0.1	0.2	0.2	0.2
61	Cattail	1.2	0.1	5.0	<0.1	0.6	0.8	0.2
62	American vetch	1.2	0.1	5.0	<0.1	0.2	0.2	0.2
63	Small bugloss	0.6	0.1	25.0	<0.1	1.2	1.2	0.2
64	Common yellow wood-sorrel	0.6	0.1	15.0	<0.1	1.2	1.2	0.2
65	Scouring-rush	0.9	<0.1	5.0	<0.1	0.2	0.2	0.2
66	Siberian elm	0.5	0.1	20.0	<0.1	1.6	1.6	0.1
67	Absinth	0.7	0.1	10.0	<0.1	0.4	0.4	0.1
68	Prickly lettuce	0.6	0.1	10.0	<0.1	0.4	0.4	0.1
69	Wormseed mustard	0.7	<0.1	5.0	<0.1	0.4	0.4	0.1
70	Poplar species	0.7	<0.1	5.0	<0.1	0.2	0.2	0.1
71	Quack grass	0.6	0.1	10.0	<0.1	0.4	0.4	0.1
72	Bluebur	0.6	<0.1	5.0	<0.1	0.6	0.6	0.1
73	Common groundsel	0.6	<0.1	5.0	<0.1	0.2	0.2	0.1
74	Field pea	0.6	<0.1	5.0	<0.1	0.2	0.2	0.1
75	Blue grass species	0.5	<0.1	10.0	<0.1	0.6	0.6	0.1
76	Spear-leaved goosefoot	0.6	<0.1	5.0	<0.1	0.2	0.2	0.1
77	Stork's-bill	0.6	<0.1	5.0	<0.1	0.2	0.2	0.1
78	Goldenrod species	0.6	<0.1	5.0	<0.1	0.2	0.2	0.1
79	Beggarticks species	0.6	<0.1	5.0	<0.1	0.2	0.2	0.1
80	Scentless chamomile	0.5	<0.1	5.0	<0.1	0.2	0.2	0.1

Field Survey Summary Tables – Flax in the Moist Mixed Grassland Ecoregion

Table 37. 2014/15 Flax in the Moist Mixed Grassland Ecoregion (37 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	60.9	26.4	43.3	5.0	8.3	33.6	44.5
2	Wild oats	41.5	14.3	34.4	5.7	13.7	104.6	37.3
3	Canola/rapeseed	47.3	21.3	45.0	2.1	4.3	18.2	27.5
4	Wild buckwheat	62.2	16.9	27.1	1.6	2.6	15.6	25.3
5	Canada thistle	49.3	9.0	18.3	1.0	2.1	16.2	16.3
6	Wheat	31.5	7.7	24.5	1.6	5.1	27.4	15.4
7	Spiny annual sow-thistle	26.4	6.5	24.5	1.1	4.2	22.4	12.0
8	Annual spurge species	34.7	7.8	22.4	0.6	1.8	8.8	12.0
9	Redroot pigweed	33.5	7.1	21.2	0.7	2.2	14.0	11.9
10	Dandelion	25.8	4.7	18.1	0.4	1.4	3.8	7.8
11	Narrow-leaved hawk's-beard	25.8	4.5	17.4	0.3	1.3	5.6	7.6
12	Kochia	24.7	3.9	15.8	0.4	1.8	5.8	7.5
13	Round-leaved mallow	23.2	3.7	16.1	0.3	1.2	5.6	6.6
14	Barnyard grass species	18.3	3.4	18.8	0.4	2.3	6.6	6.3
15	Lamb's-quarters	19.4	3.5	17.8	0.3	1.5	6.4	6.0
16	Perennial sow-thistle	14.0	3.2	22.9	0.2	1.7	3.4	4.8
17	False cleavers	13.5	2.9	21.7	0.3	2.1	8.0	4.8
18	Stinkweed	16.5	2.6	15.7	0.2	1.3	3.6	4.7
19	Black medick	5.5	2.7	50.0	0.5	9.8	19.0	4.6
20	Pale smartweed	11.1	1.4	12.5	0.4	3.3	10.0	3.9
21	Wild mustard	13.0	1.9	14.6	0.1	1.0	1.2	3.5
22	Night-flowering catchfly	8.7	1.9	22.4	0.2	2.5	6.0	3.2
23	Foxtail barley	13.6	1.3	9.8	0.1	0.6	1.6	3.0
24	Tumble pigweed	10.4	1.3	12.7	0.1	0.8	1.4	2.6
25	Quack grass	2.5	1.4	55.0	0.3	10.4	10.4	2.2
26	Shepherd's-purse	5.2	0.9	17.6	< 0.1	0.9	1.0	1.5
27	Broad-leaved plantain	5.5	0.7	12.5	< 0.1	0.8	1.4	1.4
28	Yellow sweet-clover	3.0	0.9	30.0	0.1	2.2	2.2	1.2
29	Northern willowherb	5.9	0.5	7.7	< 0.1	0.5	0.6	1.2
30	Prostrate pigweed	2.6	0.6	25.0	0.1	3.6	3.6	1.1
31	Flixweed	5.5	0.4	7.3	< 0.1	0.3	0.4	1.1
32	Biennial wormwood	5.2	0.4	7.6	< 0.1	0.3	0.4	1.0
33	Annual sow-thistle	2.5	0.6	25.0	0.1	2.6	2.6	1.0
34	Cow cockle	4.9	0.2	5.0	< 0.1	0.6	1.0	1.0
35	Dock species	5.2	0.3	5.0	< 0.1	0.2	0.2	0.9
36	Yellow foxtail	2.7	0.4	15.0	0.1	2.0	2.0	0.8
37	Scentless chamomile	2.5	0.5	20.0	< 0.1	1.6	1.6	0.8
38	Purslane	3.2	0.2	5.0	< 0.1	0.2	0.2	0.6
39	Purslane speedwell	3.2	0.2	5.0	< 0.1	0.2	0.2	0.6
40	American vetch	3.2	0.2	5.0	< 0.1	0.2	0.2	0.6
41	Slough grass	2.5	0.2	10.0	< 0.1	0.4	0.4	0.5
42	Annual brome species	2.5	0.1	5.0	< 0.1	0.8	0.8	0.5
43	Bluebur	2.7	0.1	5.0	< 0.1	0.2	0.2	0.5
44	Marsh yellow cress	2.7	0.1	5.0	< 0.1	0.2	0.2	0.5
45	Low cudweed	2.7	0.1	5.0	< 0.1	0.2	0.2	0.5
46	Canada fleabane	2.7	0.1	5.0	< 0.1	0.2	0.2	0.5
47	Common pepper-grass	2.6	0.1	5.0	< 0.1	0.2	0.2	0.5
48	Field pea	2.5	0.1	5.0	< 0.1	0.4	0.4	0.5
49	Goat's-beard	2.5	0.1	5.0	< 0.1	0.2	0.2	0.4

Field Survey Summary Tables – Lentil in the Moist Mixed Grassland Ecoregion

Table 38. 2014/15 Lentil in the Moist Mixed Grassland Ecoregion (78 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Canola/rapeseed	64.5	31.6	49.0	6.5	10.1	92.0	50.7
2	Green foxtail	38.0	14.5	38.1	4.5	11.9	87.8	29.5
3	Wild oats	49.1	16.0	32.7	3.6	7.3	56.4	29.2
4	Narrow-leaved hawk's-beard	27.3	12.7	46.5	4.2	15.2	87.4	25.5
5	Wild buckwheat	46.9	15.0	31.9	2.0	4.3	43.8	23.2
6	Canada thistle	41.0	7.3	17.8	0.9	2.1	13.0	13.9
7	Spiny annual sow-thistle	35.6	8.0	22.5	0.8	2.3	30.0	13.3
8	Lamb's-quarters	33.8	5.7	16.9	0.5	1.3	4.8	10.4
9	Wild mustard	20.3	7.0	34.3	0.8	4.1	30.6	10.3
10	Kochia	18.3	3.9	21.5	0.8	4.6	43.8	8.1
11	Stinkweed	17.4	4.7	27.0	0.5	3.1	13.0	7.4
12	Barnyard grass species	14.8	2.6	17.7	1.0	6.9	42.6	7.3
13	Wheat	22.9	4.0	17.4	0.3	1.4	8.6	7.2
14	Redroot pigweed	2.6	1.4	52.0	1.8	68.9	139.0	7.1
15	Perennial sow-thistle	21.2	3.6	17.2	0.3	1.3	3.0	6.5
16	Dandelion	15.7	2.9	18.3	0.2	1.0	3.0	4.8
17	Round-leaved mallow	14.8	2.1	14.1	0.1	0.8	2.2	4.1
18	Shepherd's-purse	7.1	2.1	29.7	0.4	5.8	12.8	3.7
19	Russian thistle	9.0	2.2	24.3	0.3	2.8	6.8	3.6
20	Annual brome species	5.1	1.5	29.9	0.4	8.0	25.4	3.1
21	Biennial wormwood	11.6	1.2	10.0	0.1	0.9	4.2	2.9
22	False cleavers	3.9	1.7	43.7	0.2	5.9	10.2	2.4
23	Canada fleabane	6.8	1.4	20.7	0.1	1.7	9.2	2.3
24	Annual spurge species	9.6	0.8	8.1	0.1	0.6	1.8	2.2
25	Dock species	4.8	0.8	17.1	<0.1	0.9	1.4	1.4
26	Flax	5.1	0.6	11.1	<0.1	0.8	1.0	1.3
27	Pale smartweed	4.0	0.3	8.6	0.1	3.1	7.6	1.2
28	Northern willowherb	5.2	0.5	9.2	<0.1	0.6	1.6	1.2
29	Prostrate pigweed	3.7	0.7	20.1	<0.1	1.3	2.8	1.2
30	Annual sow-thistle	3.8	0.6	16.0	<0.1	1.2	2.2	1.1
31	Goat's-beard	4.3	0.5	11.7	<0.1	0.7	1.2	1.1
32	Foxtail barley	2.6	0.3	12.2	0.1	3.7	5.0	0.9
33	Hemp	1.3	0.7	55.0	0.1	5.0	5.0	0.9
34	Prickly lettuce	4.2	0.2	5.0	<0.1	0.4	0.8	0.9
35	Barley	3.0	0.3	10.0	<0.1	1.5	2.6	0.8
36	Broad-leaved plantain	2.7	0.3	9.3	<0.1	0.4	0.6	0.6
37	Rough hair grass	1.4	0.3	20.0	<0.1	3.2	3.2	0.5
38	Willow species	2.2	0.2	9.3	<0.1	0.5	0.8	0.5
39	Golden dock	1.3	0.3	25.0	<0.1	2.0	2.0	0.5
40	American vetch	2.4	0.1	5.0	<0.1	0.4	0.6	0.5
41	Low cudweed	1.6	0.2	15.0	<0.1	1.2	1.2	0.5
42	Flixweed	2.1	0.1	5.0	<0.1	0.2	0.2	0.4
43	Water smartweed	1.3	0.1	10.0	<0.1	2.2	2.2	0.4
44	Black medick	1.5	0.2	10.0	<0.1	0.6	0.6	0.4
45	Pineappleweed	1.6	0.2	10.0	<0.1	0.4	0.4	0.4
46	Oak-leaved goosefoot	1.4	0.1	10.0	<0.1	1.0	1.0	0.4
47	Field pea	1.4	0.1	10.0	<0.1	0.6	0.6	0.3
48	Prostrate knotweed	1.6	0.1	5.0	<0.1	0.2	0.2	0.3
49	Pygmyflower	1.6	0.1	5.0	<0.1	0.2	0.2	0.3
50	Rough cinquefoil	1.3	0.1	10.0	<0.1	0.4	0.4	0.3
51	Purslane speedwell	0.9	0.2	20.0	<0.1	1.0	1.0	0.3
52	Common groundsel	1.4	0.1	5.0	<0.1	0.4	0.4	0.3

(Table continued on next page)

Field Survey Summary Tables – Lentil in the Moist Mixed Grassland Ecoregion

Table 38. 2014/15 Lentil in the Moist Mixed Grassland Ecoregion (78 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Night-flowering catchfly	1.2	0.1	10.0	< 0.1	0.4	0.4	0.3
54	Common pepper-grass	1.4	0.1	5.0	< 0.1	0.2	0.2	0.3
55	Sunflower species	1.2	0.1	10.0	< 0.1	0.4	0.4	0.3
56	Clover species	1.3	0.1	5.0	< 0.1	0.4	0.4	0.3
57	Striate knotweed	1.1	0.1	10.0	< 0.1	0.4	0.4	0.3
58	Marsh yellow cress	1.3	0.1	5.0	< 0.1	0.2	0.2	0.3
59	Wild tomato	1.3	0.1	5.0	< 0.1	0.2	0.2	0.3
60	Wood whitlow-grass	0.9	0.1	15.0	< 0.1	0.6	0.6	0.3
61	Tumble pigweed	0.9	0.1	10.0	< 0.1	0.4	0.4	0.2

Field Survey Summary Tables – Pea in the Moist Mixed Grassland Ecoregion

Table 39. 2014/15 Pea in the Moist Mixed Grassland Ecoregion (42 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Narrow-leaved hawk's-beard	60.2	24.7	41.1	10.7	17.8	153.2	39.7
2	Green foxtail	64.0	26.4	41.2	6.3	9.8	57.4	31.7
3	Canola/rapeseed	50.7	24.5	48.3	7.0	13.7	70.0	30.7
4	Wild oats	52.0	18.8	36.1	6.1	11.7	78.4	26.7
5	Wild buckwheat	65.5	17.3	26.5	1.7	2.6	13.4	18.5
6	Spiny annual sow-thistle	37.1	14.3	38.7	1.8	4.8	20.2	14.2
7	Canada thistle	55.8	9.5	17.0	1.1	1.9	12.2	12.8
8	Lamb's-quarters	46.2	8.4	18.3	0.9	1.9	20.6	10.9
9	Shepherd's-purse	21.5	9.3	43.1	1.7	8.1	35.8	10.1
10	Wheat	30.2	9.6	31.7	1.1	3.8	15.0	10.0
11	Stinkweed	20.5	7.1	34.7	1.6	8.0	32.2	8.8
12	Wild mustard	19.6	7.2	36.5	1.4	7.0	26.2	8.2
13	Barnyard grass species	32.1	5.4	16.7	0.7	2.2	5.6	7.5
14	Kochia	17.7	4.8	27.1	0.9	5.3	31.0	6.1
15	Perennial sow-thistle	18.6	4.3	23.2	0.3	1.6	7.0	4.6
16	Barley	8.0	4.4	55.4	0.9	10.7	26.4	4.6
17	Canada fleabane	17.7	3.6	20.1	0.3	1.9	6.6	4.3
18	Annual spurge species	16.9	3.0	17.5	0.2	1.1	3.0	3.6
19	Common groundsel	5.5	3.3	60.0	0.7	12.3	22.8	3.4
20	Dandelion	16.0	2.8	17.5	0.1	0.9	2.2	3.4
21	Foxtail barley	15.5	2.4	15.2	0.3	1.6	8.0	3.3
22	Low cudweed	7.8	2.3	29.4	0.4	5.7	13.8	2.8
23	Annual brome species	5.0	2.0	40.0	0.7	13.0	21.2	2.8
24	Biennial wormwood	12.3	1.8	14.7	0.1	0.8	2.0	2.4
25	Annual sow-thistle	10.1	1.8	17.4	0.2	1.5	5.0	2.2
26	Lentil	10.4	1.7	16.0	0.1	0.8	1.6	2.1
27	Hemp-nettle	5.5	1.8	32.5	0.3	4.9	9.4	2.0
28	Black medick	9.5	1.1	11.4	0.2	1.7	3.6	1.9
29	Russian thistle	11.5	1.0	8.4	< 0.1	0.4	0.6	1.9
30	Prostrate knotweed	10.8	0.8	7.4	< 0.1	0.4	0.6	1.7
31	Yellow sweet-clover	6.4	1.2	18.9	0.1	1.2	2.2	1.4
32	False cleavers	5.5	1.1	20.0	0.1	1.2	2.2	1.3
33	Dock species	7.7	0.5	6.6	< 0.1	0.3	0.4	1.2
34	Common pepper-grass	5.1	0.8	15.4	0.1	1.0	1.4	1.0
35	Redroot pigweed	4.2	0.6	14.0	0.1	2.5	5.0	1.0
36	Purslane speedwell	4.7	0.6	12.4	< 0.1	0.9	1.6	0.9
37	Rough cinquefoil	5.3	0.4	7.4	< 0.1	0.3	0.4	0.8
38	Flixweed	5.5	0.3	5.0	< 0.1	0.3	0.4	0.8
39	Green tansy mustard	2.7	0.5	20.0	< 0.1	1.0	1.0	0.6
40	American vetch	2.7	0.3	10.0	< 0.1	1.8	1.8	0.5
41	Flax	2.3	0.5	20.0	< 0.1	1.2	1.2	0.5
42	Golden dock	2.2	0.3	15.0	< 0.1	1.8	1.8	0.5
43	Northern willowherb	2.7	0.3	10.0	< 0.1	0.4	0.4	0.5
44	Tumble pigweed	2.5	0.3	10.0	< 0.1	0.4	0.4	0.4
45	Common yellow wood-sorrel	2.3	0.2	10.0	< 0.1	0.8	0.8	0.4
46	Russian pigweed	2.7	0.1	5.0	< 0.1	0.2	0.2	0.4
47	Willow species	2.7	0.1	5.0	< 0.1	0.2	0.2	0.4
48	Aster species	2.6	0.1	5.0	< 0.1	0.2	0.2	0.4
49	Pale smartweed	2.5	0.1	5.0	< 0.1	0.2	0.2	0.4
50	Absinth	2.3	0.1	5.0	< 0.1	0.4	0.4	0.3
51	Round-leaved mallow	2.4	0.1	5.0	< 0.1	0.2	0.2	0.3
52	Marsh yellow cress	2.3	0.1	5.0	< 0.1	0.2	0.2	0.3

(Table continued on next page)

Field Survey Summary Tables – Pea in the Moist Mixed Grassland Ecoregion

Table 39. 2014/15 Pea in the Moist Mixed Grassland Ecoregion (42 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Quack grass	2.3	0.1	5.0	< 0.1	0.2	0.2	0.3
54	Siberian elm	2.3	0.1	5.0	< 0.1	0.2	0.2	0.3
55	Blue lettuce	1.9	0.1	5.0	< 0.1	1.4	1.4	0.3
56	Rayless aster	1.7	0.2	10.0	< 0.1	1.6	1.6	0.3
57	Night-flowering catchfly	2.2	0.1	5.0	< 0.1	0.2	0.2	0.3
58	Rose species	1.9	0.1	5.0	< 0.1	0.6	0.6	0.3
59	Alfalfa	1.9	0.1	5.0	< 0.1	0.2	0.2	0.3
60	Scouler's popcomflower	1.7	0.1	5.0	< 0.1	0.4	0.4	0.2
61	Rough hair grass	1.6	0.1	5.0	< 0.1	0.2	0.2	0.2

Field Survey Summary Tables – Mixed Grassland Ecoregion

Table 40. 2014/15 Annual crops in the Mixed Grassland Ecoregion (595 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	29.6	14.3	48.4	10.5	35.6	646.6	58.6
2	Stinkweed	23.9	8.2	34.5	4.7	19.6	449.8	30.8
3	Wild oats	33.7	10.7	31.7	2.2	6.6	96.0	27.7
4	Canola/rapeseed	16.1	5.6	35.0	3.4	21.2	296.2	21.8
5	Wild buckwheat	33.9	8.2	24.3	0.8	2.4	36.4	20.3
6	Lamb's-quarters	21.6	6.1	28.3	1.2	5.4	103.6	16.1
7	Kochia	27.6	5.1	18.5	0.4	1.6	18.4	14.2
8	Wild mustard	10.1	3.5	34.3	1.4	13.4	259.6	11.0
9	Russian thistle	13.7	3.6	26.2	0.6	4.3	83.6	9.3
10	Canada thistle	18.6	2.8	15.3	0.3	1.9	22.0	9.1
11	Narrow-leaved hawk's-beard	12.6	2.1	16.4	0.5	3.7	87.8	7.1
12	Tumble pigweed	11.1	1.8	16.3	0.2	1.5	11.6	5.4
13	Wheat	8.1	1.9	23.5	0.3	4.0	50.2	5.3
14	Spiny annual sow-thistle	6.9	1.8	26.5	0.3	4.6	38.4	4.8
15	Dandelion	8.6	1.7	19.7	0.1	1.6	8.2	4.5
16	Redroot pigweed	7.4	1.4	19.3	0.2	2.1	17.0	4.0
17	Flax	3.2	1.3	41.1	0.5	15.8	78.4	3.9
18	Annual spurge species	8.6	1.2	14.2	0.1	1.0	11.8	3.9
19	Foxtail barley	7.7	1.1	14.8	0.1	1.8	13.2	3.7
20	Barnyard grass species	3.9	1.0	24.4	0.4	10.5	129.4	3.4
21	Cow cockle	4.2	1.1	25.7	0.2	3.6	36.4	2.8
22	Perennial sow-thistle	5.2	1.0	18.2	0.1	1.8	14.2	2.7
23	Round-leaved mallow	5.2	0.9	17.0	0.1	2.0	18.8	2.7
24	Alfalfa	4.3	0.8	19.5	0.1	1.7	14.8	2.3
25	Flixweed	3.8	0.5	12.9	0.1	1.3	17.2	1.7
26	Persian damel	2.8	0.7	23.2	0.1	2.0	12.0	1.6
27	Annual brome species	2.5	0.5	21.3	0.1	2.4	9.2	1.4
28	Prostrate knotweed	2.8	0.5	17.6	< 0.1	1.0	3.2	1.4
29	Lentil	3.4	0.3	9.8	< 0.1	0.5	2.2	1.3
30	Canada fleabane	2.5	0.4	16.5	< 0.1	1.7	12.4	1.2
31	Prickly lettuce	2.8	0.4	12.6	< 0.1	0.9	3.6	1.2
32	Black medick	2.1	0.4	19.8	< 0.1	1.6	5.2	1.1
33	Biennial wormwood	2.6	0.3	10.0	< 0.1	0.6	3.0	1.0
34	Yellow sweet-clover	1.5	0.3	22.9	< 0.1	2.0	8.8	0.8
35	Shepherd's-purse	1.3	0.2	14.8	< 0.1	2.2	9.0	0.7
36	Goat's-beard	1.8	0.1	7.4	< 0.1	0.3	1.0	0.6
37	Prostrate pigweed	1.2	0.2	17.8	< 0.1	1.3	7.2	0.6
38	Dock species	1.4	0.2	11.7	< 0.1	1.3	12.8	0.6
39	Field pea	1.7	0.1	7.0	< 0.1	0.4	1.2	0.6
40	Quack grass	0.5	0.1	11.6	0.1	16.3	42.4	0.5
41	White mustard	0.5	0.2	52.1	< 0.1	4.8	9.4	0.5
42	Sunflower species	1.0	0.1	11.8	< 0.1	0.8	3.0	0.4
43	Annual sow-thistle	0.7	0.1	18.2	< 0.1	4.5	17.4	0.4
44	Bluebur	0.5	0.2	40.2	< 0.1	5.7	14.6	0.4
45	Wild tomato	1.1	0.1	8.4	< 0.1	0.5	1.4	0.4
46	False cleavers	0.7	0.1	13.3	< 0.1	1.8	4.6	0.3
47	Cocklebur	0.6	0.1	20.1	< 0.1	1.1	3.0	0.3
48	Northern willowherb	0.7	0.1	10.0	< 0.1	2.9	8.2	0.3
49	Blue lettuce	0.9	0.1	7.4	< 0.1	0.5	1.2	0.3
50	Common pepper-grass	0.8	< 0.1	5.0	< 0.1	0.2	0.2	0.3
51	Tumble mustard	0.8	0.1	6.9	< 0.1	0.3	0.4	0.3
52	American vetch	0.8	< 0.1	5.0	< 0.1	0.2	0.2	0.2

(Table continued on next page)

Table 40. 2014/15 Annual crops in the Mixed Grassland Ecoregion (595 fields) (continued)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Night-flowering catchfly	0.4	0.1	27.3	<0.1	3.0	5.2	0.2
54	Proso millet	0.1	0.1	85.0	<0.1	28.6	28.6	0.2
55	Skeletonweed	0.5	0.1	15.7	<0.1	0.8	1.6	0.2
56	Barley	0.5	0.1	12.5	<0.1	0.5	0.8	0.2
57	Pale smartweed	0.6	<0.1	6.3	<0.1	0.6	1.0	0.2
58	Yellow toadflax	0.2	0.1	50.0	<0.1	3.4	3.4	0.2
59	Goldenrod species	0.5	<0.1	5.0	<0.1	1.6	4.0	0.2
60	Oak-leaved goosefoot	0.2	0.1	50.0	<0.1	9.0	9.0	0.2
61	Dog mustard	0.4	0.1	15.2	<0.1	1.2	1.6	0.2
62	Purslane	0.4	<0.1	6.9	<0.1	0.4	0.6	0.2
63	False ragweed	0.4	<0.1	5.0	<0.1	0.2	0.2	0.1
64	Meadow brome	0.3	<0.1	10.3	<0.1	0.4	0.6	0.1
65	Crested wheat grass	0.3	<0.1	15.8	<0.1	0.7	1.2	0.1
66	Rose species	0.3	<0.1	7.6	<0.1	1.3	2.2	0.1
67	Purslane speedwell	0.3	<0.1	5.0	<0.1	1.1	2.0	0.1
68	Broad-leaved plantain	0.3	<0.1	7.5	<0.1	0.5	0.6	0.1
69	Scentless chamomile	0.3	<0.1	7.6	<0.1	0.4	0.6	0.1
70	Field bindweed	0.2	0.1	30.0	<0.1	2.4	2.4	0.1
71	Siberian elm	0.3	<0.1	5.0	<0.1	0.2	0.2	0.1
72	Canary grass	0.2	<0.1	25.0	<0.1	1.2	1.2	0.1
73	Scouler's popcomflower	0.2	<0.1	20.0	<0.1	2.4	2.4	0.1
74	Pygmyflower	0.2	<0.1	10.0	<0.1	1.0	1.0	0.1
75	Milk-vetch species	0.2	<0.1	15.0	<0.1	0.8	0.8	0.1
76	Hemp-nettle	0.2	<0.1	15.0	<0.1	1.6	1.6	0.1
77	Corn gromwell	0.2	<0.1	10.0	<0.1	0.8	0.8	0.1
78	Chickweed	0.2	<0.1	15.0	<0.1	0.6	0.6	0.1
79	Low cudweed	0.2	<0.1	10.0	<0.1	0.8	0.8	0.1
80	Pasture sage	0.2	<0.1	10.0	<0.1	0.6	0.6	0.1
81	Povertyweed	0.2	<0.1	5.0	<0.1	0.4	0.4	0.1
82	Striate knotweed	0.2	<0.1	5.0	<0.1	0.6	0.6	0.1
83	Green tansy mustard	0.2	<0.1	5.0	<0.1	0.2	0.2	0.1
84	Rough cinquefoil	0.2	<0.1	5.0	<0.1	0.4	0.4	0.1
85	Maple-leaved goosefoot	0.2	<0.1	5.0	<0.1	0.4	0.4	0.1
86	Field mint	0.2	<0.1	5.0	<0.1	0.2	0.2	0.1
87	Tall hedge mustard	0.2	<0.1	5.0	<0.1	0.2	0.2	0.1
88	Wormseed mustard	0.2	<0.1	5.0	<0.1	0.2	0.2	0.1
89	Silver-leaved Indian breadroot	0.2	<0.1	5.0	<0.1	0.2	0.2	0.1
90	Water smartweed	0.1	<0.1	5.0	<0.1	0.4	0.4	<0.1
91	Blue grass species	0.1	<0.1	5.0	<0.1	0.2	0.2	<0.1

Field Survey Summary Tables – Spring wheat in the Mixed Grassland Ecoregion

Table 41. 2014/15 Spring wheat in the Mixed Grassland Ecoregion (65 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	51.7	32.8	63.4	40.1	77.6	646.6	87.5
2	Stinkweed	29.4	15.5	52.5	7.7	26.1	106.4	26.3
3	Wild buckwheat	50.4	19.4	38.5	2.2	4.3	36.4	25.0
4	Lamb's-quarters	40.8	16.4	40.2	4.8	11.7	103.6	24.9
5	Wild oats	40.9	17.3	42.2	3.9	9.5	69.2	24.2
6	Wild mustard	21.1	10.6	50.1	3.3	15.8	64.8	15.4
7	Kochia	21.8	4.6	20.9	0.7	3.0	16.4	8.1
8	Canada thistle	21.9	4.7	21.6	0.5	2.4	10.8	8.0
9	Cow cockle	13.1	4.0	30.5	0.8	5.8	36.4	6.1
10	Canola/rapeseed	11.6	4.1	34.9	0.8	7.2	38.0	6.0
11	Redroot pigweed	15.7	3.4	21.9	0.4	2.3	9.4	5.8
12	Dandelion	16.0	3.1	19.1	0.3	1.9	6.4	5.5
13	Tumble pigweed	17.5	2.1	12.0	0.1	0.7	1.4	5.0
14	Narrow-leaved hawk's-beard	14.2	2.0	14.3	0.5	3.2	15.8	4.7
15	Russian thistle	11.3	2.9	25.5	0.4	3.4	15.4	4.6
16	Spiny annual sow-thistle	7.9	3.0	38.0	0.8	10.4	38.4	4.6
17	Prostrate knotweed	9.1	2.0	22.4	0.1	1.5	3.2	3.3
18	Alfalfa	6.6	2.1	32.7	0.3	4.5	14.8	3.0
19	Round-leaved mallow	11.7	0.8	7.1	< 0.1	0.4	0.6	2.9
20	Perennial sow-thistle	8.5	1.2	13.6	0.2	2.1	5.6	2.7
21	Annual spurge species	9.7	0.8	8.6	< 0.1	0.3	0.6	2.5
22	Black medick	4.9	1.8	36.2	0.1	3.0	4.2	2.3
23	Foxtail barley	7.9	0.6	7.0	0.1	0.7	2.2	2.0
24	Annual brome species	3.1	1.4	46.7	0.3	8.8	9.2	1.9
25	Flixweed	3.2	1.2	36.3	0.3	9.1	17.2	1.8
26	Lentil	6.6	0.5	7.9	< 0.1	0.4	0.8	1.7
27	Canada fleabane	4.7	1.0	22.0	0.1	1.8	3.2	1.7
28	Wheat	3.3	0.8	25.1	0.2	5.4	8.8	1.4
29	Quack grass	1.5	0.3	20.0	0.6	42.4	42.4	1.4
30	Persian damel	4.6	0.5	11.4	< 0.1	0.5	1.2	1.3
31	Yellow sweet-clover	1.5	1.3	85.0	0.1	8.8	8.8	1.3
32	Annual sow-thistle	1.5	0.8	55.0	0.3	17.4	17.4	1.2
33	Flax	3.0	0.2	5.0	< 0.1	0.2	0.2	0.7
34	Skeletonweed	1.7	0.5	30.0	< 0.1	1.6	1.6	0.7
35	Prostrate pigweed	1.9	0.2	10.0	< 0.1	0.4	0.4	0.5
36	False cleavers	1.9	0.1	5.0	< 0.1	0.4	0.4	0.5
37	Field pea	1.6	0.2	10.0	< 0.1	0.4	0.4	0.4
38	Purslane speedwell	1.5	0.1	5.0	< 0.1	2.0	2.0	0.4
39	Rose species	1.5	0.1	5.0	< 0.1	2.2	2.2	0.4
40	Wild tomato	1.7	0.1	5.0	< 0.1	0.2	0.2	0.4
41	Biennial wormwood	1.6	0.1	5.0	< 0.1	0.4	0.4	0.4
42	Dock species	1.6	0.1	5.0	< 0.1	0.2	0.2	0.4
43	Siberian elm	1.5	0.1	5.0	< 0.1	0.2	0.2	0.4
44	Goat's-beard	1.5	0.1	5.0	< 0.1	0.2	0.2	0.3
45	Bluebur	1.2	0.1	10.0	< 0.1	0.4	0.4	0.3
46	False ragweed	1.0	< 0.1	5.0	< 0.1	0.2	0.2	0.2

Field Survey Summary Tables – Durum in the Mixed Grassland Ecoregion

Table 42. 2014/15 Durum in the Mixed Grassland Ecoregion (217 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	31.3	15.5	49.6	7.5	24.0	268.0	55.1
2	Canola/rapeseed	14.8	5.9	40.1	6.4	43.4	296.2	35.0
3	Stinkweed	18.3	6.5	35.3	4.6	25.3	449.8	30.1
4	Wild oats	28.2	8.9	31.7	1.6	5.7	48.2	24.8
5	Wild buckwheat	31.9	6.4	20.0	0.6	1.8	29.6	19.2
6	Kochia	25.5	4.6	18.0	0.4	1.6	12.2	14.5
7	Russian thistle	14.0	4.4	31.4	0.8	5.9	83.6	12.4
8	Lamb's-quarters	14.2	4.1	29.2	0.7	4.8	56.4	11.6
9	Canada thistle	17.2	3.0	17.2	0.4	2.6	22.0	10.3
10	Wild mustard	9.5	3.5	36.6	0.8	8.8	54.8	10.0
11	Flax	4.2	2.6	62.2	1.2	28.6	78.4	8.7
12	Tumble pigweed	12.1	2.8	22.7	0.3	2.4	11.6	7.9
13	Narrow-leaved hawk's-beard	11.4	2.0	17.5	0.3	2.4	20.8	6.8
14	Dandelion	7.8	1.7	22.3	0.2	2.0	8.2	5.0
15	Foxtail barley	10.0	1.2	12.1	0.2	1.5	9.6	5.0
16	Annual spurge species	9.0	1.5	16.4	0.1	1.3	11.8	4.9
17	Spiny annual sow-thistle	5.5	1.3	23.2	0.2	2.8	11.4	3.7
18	Cow cockle	2.5	1.1	42.4	0.2	6.0	21.8	2.6
19	Persian damel	4.1	0.8	19.0	0.1	1.5	5.8	2.4
20	Redroot pigweed	4.4	0.7	15.0	0.1	1.6	5.4	2.4
21	Round-leaved mallow	4.6	0.6	13.0	0.1	1.5	8.4	2.3
22	Annual brome species	3.6	0.5	13.9	< 0.1	0.9	1.6	1.8
23	Wheat	2.2	0.6	28.2	0.1	5.1	7.6	1.8
24	Perennial sow-thistle	2.9	0.5	17.2	< 0.1	1.3	5.2	1.6
25	Lentil	3.7	0.3	8.2	< 0.1	0.4	1.2	1.5
26	Prostrate pigweed	2.4	0.5	22.0	< 0.1	1.7	7.2	1.5
27	Alfalfa	2.3	0.5	22.2	< 0.1	1.6	3.2	1.4
28	Flixweed	3.2	0.3	9.1	< 0.1	0.6	2.4	1.4
29	Field pea	3.1	0.2	7.2	< 0.1	0.4	1.2	1.2
30	Barnyard grass species	2.1	0.2	7.0	< 0.1	0.4	0.8	0.9
31	Canada fleabane	1.3	0.2	15.8	0.1	4.5	12.4	0.8
32	Prickly lettuce	1.6	0.2	13.8	< 0.1	1.6	2.8	0.8
33	Biennial wormwood	1.9	0.1	6.2	< 0.1	0.3	0.4	0.7
34	Shepherd's-purse	1.4	0.2	11.7	< 0.1	0.9	2.0	0.7
35	White mustard	0.6	0.2	40.0	< 0.1	3.8	3.8	0.5
36	Black medick	1.4	0.1	6.6	< 0.1	0.4	0.6	0.5
37	Dog mustard	1.0	0.2	15.2	< 0.1	1.2	1.6	0.5
38	Prostrate knotweed	0.9	0.1	15.4	< 0.1	0.7	1.0	0.5
39	Meadow brome	1.0	0.1	10.3	< 0.1	0.4	0.6	0.4
40	Goldenrod species	0.9	< 0.1	5.0	< 0.1	2.3	4.0	0.4
41	False cleavers	0.5	0.1	30.0	< 0.1	4.6	4.6	0.4
42	Tumble mustard	1.0	0.1	6.9	< 0.1	0.3	0.4	0.4
43	American vetch	1.0	< 0.1	5.0	< 0.1	0.2	0.2	0.4
44	Blue lettuce	0.8	0.1	9.3	< 0.1	0.5	0.8	0.4
45	Field bindweed	0.5	0.1	30.0	< 0.1	2.4	2.4	0.4
46	Northern willowherb	0.5	< 0.1	10.0	< 0.1	8.2	8.2	0.3
47	Sunflower species	0.7	0.1	9.9	< 0.1	0.4	0.6	0.3
48	Goat's-beard	0.5	0.1	20.0	< 0.1	1.0	1.0	0.3
49	Scouler's popcomflower	0.4	0.1	20.0	< 0.1	2.4	2.4	0.3
50	Milk-vetch species	0.5	0.1	15.0	< 0.1	0.8	0.8	0.3
51	Hemp-nettle	0.4	0.1	15.0	< 0.1	1.6	1.6	0.2
52	Chickweed	0.4	0.1	15.0	< 0.1	0.6	0.6	0.2

(Table continued on next page)

Field Survey Summary Tables – Durum in the Mixed Grassland Ecoregion

Table 42. 2014/15 Durum in the Mixed Grassland Ecoregion (217 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Purslane	0.5	< 0.1	10.0	< 0.1	0.6	0.6	0.2
54	Broad-leaved plantain	0.5	< 0.1	10.0	< 0.1	0.6	0.6	0.2
55	Annual sow-thistle	0.5	< 0.1	10.0	< 0.1	0.6	0.6	0.2
56	Wild tomato	0.5	< 0.1	10.0	< 0.1	0.4	0.4	0.2
57	Low cudweed	0.4	< 0.1	10.0	< 0.1	0.8	0.8	0.2
58	Common pepper-grass	0.5	< 0.1	5.0	< 0.1	0.2	0.2	0.2
59	Povertyweed	0.5	< 0.1	5.0	< 0.1	0.4	0.4	0.2
60	Siberian elm	0.5	< 0.1	5.0	< 0.1	0.2	0.2	0.2
61	Yellow sweet-clover	0.4	< 0.1	5.0	< 0.1	0.2	0.2	0.2
62	Dock species	0.4	< 0.1	5.0	< 0.1	0.2	0.2	0.2
63	Scentless chamomile	0.4	< 0.1	5.0	< 0.1	0.2	0.2	0.2
64	Tall hedge mustard	0.4	< 0.1	5.0	< 0.1	0.2	0.2	0.2
65	False ragweed	0.4	< 0.1	5.0	< 0.1	0.2	0.2	0.2
66	Water smartweed	0.4	< 0.1	5.0	< 0.1	0.4	0.4	0.1
67	Blue grass species	0.4	< 0.1	5.0	< 0.1	0.2	0.2	0.1

Field Survey Summary Tables – Barley in the Mixed Grassland Ecoregion

Table 43. 2014/15 Barley in the Mixed Grassland Ecoregion (26 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	32.8	20.1	61.2	28.6	87.4	215.0	70.9
2	Wild oats	62.1	22.8	36.7	8.3	13.3	73.0	43.7
3	Canola/rapeseed	16.1	13.2	82.4	7.4	45.9	69.6	25.5
4	Lamb's-quarters	28.3	11.4	40.2	2.7	9.4	37.4	18.7
5	Wild buckwheat	40.8	8.9	22.0	0.8	1.9	7.8	16.5
6	Stinkweed	20.3	9.3	46.1	2.6	13.1	52.0	15.5
7	Russian thistle	18.0	6.6	36.6	2.1	11.5	47.2	12.1
8	Dandelion	21.1	7.7	36.6	0.6	2.6	5.2	10.9
9	Canada thistle	23.8	4.7	19.6	0.4	1.7	6.8	9.1
10	Foxtail barley	13.0	5.4	41.8	0.6	4.4	13.2	7.6
11	Narrow-leaved hawk's-beard	20.6	1.8	8.9	0.5	2.6	9.6	6.7
12	Wild mustard	20.5	2.0	9.6	0.1	0.5	1.2	6.0
13	Persian damel	4.8	3.8	80.0	0.6	12.0	12.0	4.7
14	Bluebur	4.0	3.8	95.0	0.6	14.6	14.6	4.5
15	Tumble pigweed	11.9	2.0	16.7	0.2	1.5	3.0	4.3
16	Spiny annual sow-thistle	12.7	1.7	13.2	0.1	0.8	1.6	4.1
17	Cow cockle	8.8	2.6	29.5	0.1	1.6	2.8	4.0
18	Perennial sow-thistle	5.5	3.2	57.8	0.2	4.4	7.4	3.8
19	Kochia	9.7	1.9	19.8	0.1	1.1	1.6	3.6
20	Alfalfa	8.8	1.6	18.6	0.1	1.2	2.0	3.2
21	Yellow toadflax	4.8	2.4	50.0	0.2	3.4	3.4	3.0
22	Night-flowering catchfly	4.8	2.2	45.0	0.2	5.2	5.2	3.0
23	Canada fleabane	8.4	0.7	7.8	< 0.1	0.5	0.6	2.4
24	Dock species	7.4	0.9	12.4	0.1	0.7	1.0	2.3
25	Lentil	6.9	0.3	5.0	< 0.1	0.2	0.2	1.8
26	Wheat	4.0	0.8	20.0	0.1	1.8	1.8	1.5
27	Yellow sweet-clover	4.8	0.2	5.0	< 0.1	0.2	0.2	1.2
28	Flax	4.0	0.4	10.0	< 0.1	0.8	0.8	1.2
29	Rose species	4.0	0.4	10.0	< 0.1	0.4	0.4	1.2
30	Redroot pigweed	3.6	0.4	10.0	< 0.1	0.6	0.6	1.1
31	Northern willowherb	3.6	0.4	10.0	< 0.1	0.4	0.4	1.1
32	Annual spurge species	3.6	0.4	10.0	< 0.1	0.4	0.4	1.1
33	Purslane speedwell	4.1	0.2	5.0	< 0.1	0.2	0.2	1.1
34	Sunflower species	4.0	0.2	5.0	< 0.1	0.2	0.2	1.0
35	Flixweed	3.6	0.2	5.0	< 0.1	0.4	0.4	0.9
36	Goat's-beard	3.1	0.2	5.0	< 0.1	0.2	0.2	0.8

Field Survey Summary Tables – Oat in the Mixed Grassland Ecoregion

Table 44. 2014/15 Oat in the Mixed Grassland Ecoregion (16 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	41.8	28.0	67.0	26.3	63.0	181.8	85.1
2	Russian thistle	43.7	18.3	41.9	3.0	6.9	31.8	25.4
3	Wild buckwheat	53.1	16.6	31.3	2.1	3.9	30.0	23.8
4	Lamb's-quarters	37.2	15.1	40.7	1.7	4.7	14.6	19.5
5	Wild oats	30.9	14.5	46.8	1.9	6.0	12.6	18.3
6	Kochia	28.9	8.7	30.1	0.9	3.3	6.0	12.3
7	Foxtail barley	24.6	5.7	23.0	1.1	4.3	12.2	10.0
8	Stinkweed	30.8	4.9	15.8	0.5	1.5	5.2	9.2
9	Alfalfa	18.2	5.9	32.6	0.5	2.6	6.6	7.7
10	Annual spurge species	30.9	3.0	9.7	0.1	0.4	0.8	7.3
11	Perennial sow-thistle	12.8	4.0	31.1	0.7	5.2	10.2	6.1
12	Proso millet	4.1	3.5	85.0	1.2	28.6	28.6	5.6
13	Canola/rapeseed	11.9	3.3	27.9	0.5	4.0	7.2	5.1
14	Wheat	18.3	2.7	14.8	0.1	0.8	2.0	5.0
15	Sunflower species	12.2	2.7	21.9	0.2	1.7	3.0	4.1
16	Oak-leaved goosefoot	6.1	3.0	50.0	0.5	9.0	9.0	4.1
17	Redroot pigweed	15.8	1.9	11.8	0.1	0.5	0.8	3.9
18	Canada thistle	12.5	1.6	12.6	0.4	2.9	4.6	3.9
19	Wild mustard	12.5	2.1	17.0	0.2	1.5	3.0	3.8
20	Dandelion	12.7	2.2	17.5	0.1	1.0	1.4	3.8
21	Biennial wormwood	12.8	1.9	15.0	0.1	1.1	1.4	3.6
22	Prostrate knotweed	6.7	3.0	45.0	0.2	2.8	2.8	3.4
23	Spiny annual sow-thistle	6.4	2.9	45.0	0.2	2.4	2.4	3.2
24	Blue lettuce	14.4	0.7	5.0	<0.1	0.2	0.2	2.9
25	Tumble pigweed	10.0	1.1	11.2	0.1	0.7	1.2	2.5
26	Crested wheat grass	5.8	1.5	25.0	0.1	1.2	1.2	2.0
27	Round-leaved mallow	6.7	0.7	10.0	<0.1	0.4	0.4	1.6
28	Quack grass	6.1	0.3	5.0	0.1	2.0	2.0	1.5
29	Pasture sage	6.0	0.6	10.0	<0.1	0.6	0.6	1.4
30	Skeletonweed	6.0	0.6	10.0	<0.1	0.4	0.4	1.4
31	Striate knotweed	6.4	0.3	5.0	<0.1	0.6	0.6	1.3
32	Cow cockle	6.4	0.3	5.0	<0.1	0.2	0.2	1.3
33	Flixweed	6.4	0.3	5.0	<0.1	0.2	0.2	1.3
34	Rough cinquefoil	6.1	0.3	5.0	<0.1	0.4	0.4	1.3
35	Maple-leaved goosefoot	6.1	0.3	5.0	<0.1	0.4	0.4	1.3
36	Broad-leaved plantain	6.1	0.3	5.0	<0.1	0.4	0.4	1.3
37	Night-flowering catchfly	6.1	0.3	5.0	<0.1	0.2	0.2	1.2
38	Field mint	6.1	0.3	5.0	<0.1	0.2	0.2	1.2
39	Wild tomato	6.1	0.3	5.0	<0.1	0.2	0.2	1.2
40	Black medick	5.8	0.3	5.0	<0.1	0.4	0.4	1.2

Field Survey Summary Tables – Canola in the Mixed Grassland Ecoregion

Table 45. 2014/15 Canola in the Mixed Grassland Ecoregion (61 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Stinkweed	36.3	11.7	32.2	9.6	26.4	216.0	68.0
2	Green foxtail	19.8	8.8	44.2	2.5	12.7	35.8	27.5
3	Barnyard grass species	10.6	4.3	41.0	3.0	27.9	129.4	21.7
4	Wild buckwheat	32.5	8.0	24.4	0.7	2.2	21.6	21.7
5	Lamb's-quarters	32.5	7.5	22.9	0.6	2.0	9.6	20.7
6	Wild oats	21.7	6.4	29.3	1.2	5.4	17.6	18.9
7	Kochia	32.3	5.3	16.3	0.3	1.1	3.6	16.7
8	Canola/rapeseed	19.3	5.5	28.7	1.0	5.3	42.8	16.6
9	Redroot pigweed	13.4	3.4	25.2	0.5	3.6	17.0	9.9
10	Tumble pigweed	17.8	2.7	15.2	0.3	1.7	11.0	9.4
11	Spiny annual sow-thistle	10.8	2.4	22.6	0.6	5.4	31.8	8.5
12	Russian thistle	13.9	2.9	20.8	0.2	1.3	3.0	8.1
13	Canada thistle	14.7	1.7	11.9	0.1	0.9	2.8	6.7
14	Wheat	8.1	1.4	17.2	0.1	1.8	6.4	4.5
15	Round-leaved mallow	6.7	1.4	20.4	0.1	1.7	3.0	4.0
16	Lentil	6.7	1.2	18.2	0.1	1.2	2.2	3.6
17	Flax	4.8	1.1	23.3	0.1	2.1	5.0	3.1
18	Annual brome species	3.1	1.2	37.5	0.1	4.1	6.6	2.8
19	Annual spurge species	7.3	0.4	5.7	< 0.1	0.3	0.6	2.6
20	Flixweed	4.6	0.8	18.4	< 0.1	0.9	1.6	2.5
21	Shepherd's-purse	4.2	0.6	14.9	0.1	2.0	4.8	2.3
22	Narrow-leaved hawk's-beard	4.7	0.5	10.1	< 0.1	0.7	1.4	2.0
23	Biennial wormwood	4.8	0.3	6.7	< 0.1	0.3	0.4	1.8
24	Prickly lettuce	3.1	0.5	17.7	0.1	1.9	3.6	1.8
25	Wild tomato	3.6	0.4	12.3	< 0.1	1.0	1.4	1.7
26	False cleavers	3.4	0.3	9.9	< 0.1	1.3	2.4	1.5
27	Wild mustard	3.2	0.2	7.6	< 0.1	0.4	0.4	1.2
28	Prostrate knotweed	3.3	0.2	5.0	< 0.1	0.2	0.2	1.1
29	Foxtail barley	3.2	0.2	5.0	< 0.1	0.2	0.2	1.1
30	Northern willowherb	1.6	0.2	15.0	< 0.1	2.6	2.6	0.9
31	Alfalfa	1.7	0.2	15.0	< 0.1	0.6	0.6	0.8
32	Corn gromwell	1.8	0.2	10.0	< 0.1	0.8	0.8	0.8
33	Persian damel	1.6	0.2	15.0	< 0.1	0.6	0.6	0.7
34	Pale smartweed	1.6	0.2	10.0	< 0.1	1.0	1.0	0.7
35	Dandelion	1.6	0.2	10.0	< 0.1	0.4	0.4	0.6
36	Canada fleabane	1.6	0.2	10.0	< 0.1	0.4	0.4	0.6
37	Dock species	1.6	0.2	10.0	< 0.1	0.4	0.4	0.6
38	Annual sow-thistle	1.6	0.1	5.0	< 0.1	0.6	0.6	0.6
39	Perennial sow-thistle	1.6	0.1	5.0	< 0.1	0.6	0.6	0.6
40	Cow cockle	1.7	0.1	5.0	< 0.1	0.2	0.2	0.6
41	Prostrate pigweed	1.6	0.1	5.0	< 0.1	0.2	0.2	0.5

Field Survey Summary Tables – Flax in the Mixed Grassland Ecoregion

Table 46. 2014/15 Flax in the Mixed Grassland Ecoregion (28 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	31.3	11.7	37.2	5.4	17.1	105.6	48.7
2	Stinkweed	35.7	10.0	28.1	1.5	4.1	21.4	25.9
3	Wild buckwheat	44.6	11.3	25.4	0.8	1.8	4.2	25.3
4	Wild oats	33.0	8.5	25.6	1.6	4.9	18.2	24.7
5	Lamb's-quarters	38.5	11.1	28.8	0.9	2.3	11.4	24.1
6	Wild mustard	13.9	5.0	36.2	1.6	11.6	40.6	17.1
7	Wheat	6.3	4.6	73.4	1.9	31.0	50.2	16.9
8	Round-leaved mallow	13.2	5.0	38.1	1.0	7.5	18.8	13.4
9	Kochia	34.3	4.4	12.7	0.3	0.7	2.8	13.1
10	Barnyard grass species	10.8	4.0	36.7	0.6	5.3	12.0	9.5
11	Canada thistle	17.9	3.7	20.8	0.3	1.8	2.8	9.4
12	Russian thistle	18.1	2.3	12.9	0.2	1.3	4.4	7.5
13	Canola/rapeseed	15.4	3.2	21.0	0.2	1.0	2.0	7.4
14	Dock species	13.3	2.1	15.6	0.3	2.6	12.8	6.9
15	Redroot pigweed	17.5	2.0	11.2	0.1	0.8	3.2	6.5
16	Tumble pigweed	16.3	1.6	10.0	0.1	0.7	2.6	5.7
17	Prostrate knotweed	11.2	2.3	20.3	0.1	1.0	1.8	5.3
18	Narrow-leaved hawk's-beard	14.6	0.9	6.4	0.1	0.5	0.8	4.4
19	Spiny annual sow-thistle	4.0	2.2	55.0	0.2	3.8	3.8	3.9
20	Annual spurge species	6.6	1.1	16.9	0.1	1.9	2.4	3.2
21	Foxtail barley	11.5	0.6	5.0	<0.1	0.2	0.2	3.2
22	Alfalfa	7.6	0.6	7.4	<0.1	0.3	0.4	2.3
23	Cow cockle	6.3	0.6	10.0	<0.1	0.4	0.4	2.1
24	Common pepper-grass	7.5	0.4	5.0	<0.1	0.2	0.2	2.1
25	Yellow sweet-clover	2.6	1.0	40.0	<0.1	1.8	1.8	1.8
26	Perennial sow-thistle	4.0	0.4	10.0	<0.1	0.6	0.6	1.4
27	Shepherd's-purse	4.2	0.4	10.0	<0.1	0.4	0.4	1.4
28	Goat's-beard	4.0	0.2	5.0	<0.1	0.2	0.2	1.1
29	American vetch	4.0	0.2	5.0	<0.1	0.2	0.2	1.1
30	Dandelion	3.7	0.2	5.0	<0.1	0.2	0.2	1.0
31	Persian damel	3.6	0.2	5.0	<0.1	0.2	0.2	1.0
32	Flixweed	3.6	0.2	5.0	<0.1	0.2	0.2	1.0
33	Purslane	2.6	0.1	5.0	<0.1	0.2	0.2	0.7
34	Pale smartweed	2.6	0.1	5.0	<0.1	0.2	0.2	0.7

Field Survey Summary Tables – Mustard in the Mixed Grassland Ecoregion

Table 47. 2014/15 Mustard in the Mixed Grassland Ecoregion (12 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Stinkweed	49.5	15.3	30.9	3.4	7.0	32.6	91.7
2	Wild buckwheat	35.7	8.4	23.5	1.0	2.9	10.6	40.7
3	Redroot pigweed	26.7	8.0	29.9	0.6	2.4	4.4	31.3
4	Annual spurge species	8.8	7.0	80.0	0.7	7.8	7.8	24.5
5	Kochia	33.1	3.1	9.2	0.2	0.6	1.4	18.7
6	Lamb's-quarters	18.0	4.9	27.5	0.3	1.7	2.2	18.5
7	Wild oats	23.4	3.9	16.5	0.2	1.0	2.2	17.4
8	Dandelion	16.2	3.3	20.4	0.1	0.8	1.0	12.7
9	Alfalfa	17.1	1.7	10.0	0.1	0.4	0.4	9.4
10	Flixweed	18.6	0.9	5.0	< 0.1	0.2	0.2	8.1
11	Green foxtail	18.4	0.9	5.0	< 0.1	0.2	0.2	8.0
12	Russian thistle	17.7	0.9	5.0	< 0.1	0.2	0.2	7.8
13	Purslane	9.0	0.4	5.0	< 0.1	0.2	0.2	3.9
14	Silver-leaved Indian breadroot	8.8	0.4	5.0	< 0.1	0.2	0.2	3.8
15	Biennial wormwood	7.5	0.4	5.0	< 0.1	0.2	0.2	3.3

Field Survey Summary Tables – Lentil in the Mixed Grassland Ecoregion

Table 48. 2014/15 Lentil in the Mixed Grassland Ecoregion (116 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Wild oats	37.6	10.0	26.7	2.4	6.4	96.0	40.4
2	Green foxtail	21.6	6.4	29.5	4.0	18.6	269.2	39.1
3	Stinkweed	20.7	5.6	27.0	3.5	16.9	268.6	34.8
4	Canola/rapeseed	20.4	6.6	32.5	2.5	12.4	193.2	30.8
5	Kochia	27.1	4.4	16.2	0.2	0.9	2.8	16.3
6	Wheat	18.6	3.8	20.4	0.6	3.5	26.8	15.1
7	Wild buckwheat	22.5	3.6	16.0	0.4	1.9	26.4	14.8
8	Wild mustard	9.3	2.5	26.6	1.0	10.7	107.2	12.2
9	Narrow-leaved hawk's-beard	14.1	2.8	20.0	0.5	3.8	27.2	11.6
10	Canada thistle	19.8	2.1	10.6	0.2	1.1	6.8	10.5
11	Lamb's-quarters	14.9	1.9	12.8	0.5	3.6	52.2	10.4
12	Spiny annual sow-thistle	7.8	2.4	31.1	0.5	5.9	37.2	8.7
13	Perennial sow-thistle	8.0	1.4	18.1	0.1	1.7	14.2	5.4
14	Russian thistle	8.2	1.3	15.8	0.1	1.1	2.2	5.0
15	Prickly lettuce	7.0	0.9	12.5	<0.1	0.6	2.4	3.7
16	Annual spurge species	7.1	0.8	10.7	<0.1	0.6	3.8	3.6
17	Dandelion	5.7	0.5	8.7	<0.1	0.6	1.0	2.7
18	Barnyard grass species	3.2	0.5	15.1	0.1	4.4	16.8	2.5
19	Yellow sweet-clover	3.3	0.6	19.1	0.1	1.8	5.2	2.3
20	Redroot pigweed	2.8	0.6	20.1	0.1	3.0	4.6	2.2
21	Black medick	2.6	0.7	26.4	0.1	2.2	5.2	2.2
22	Tumble pigweed	5.2	0.3	6.5	<0.1	0.4	1.0	2.2
23	White mustard	1.2	0.8	62.5	0.1	5.6	9.4	2.0
24	Cow cockle	3.5	0.5	13.7	<0.1	0.7	1.8	1.9
25	Alfalfa	4.5	0.3	6.9	<0.1	0.3	0.4	1.9
26	Cocklebur	2.3	0.5	21.8	<0.1	1.2	3.0	1.6
27	Canada fleabane	1.7	0.5	29.8	<0.1	1.7	4.2	1.5
28	Barley	2.7	0.3	12.5	<0.1	0.5	0.8	1.4
29	Annual brome species	2.4	0.3	13.5	<0.1	0.9	1.4	1.3
30	Goat's-beard	2.8	0.2	7.7	<0.1	0.3	0.4	1.2
31	Foxtail barley	2.5	0.2	6.6	<0.1	0.5	1.0	1.1
32	Round-leaved mallow	1.7	0.3	17.9	<0.1	1.1	2.0	1.1
33	Flixweed	1.5	0.3	23.2	<0.1	1.3	1.8	1.1
34	Pale smartweed	1.6	0.1	5.0	<0.1	0.5	0.8	0.7
35	Canary grass	0.9	0.2	25.0	<0.1	1.2	1.2	0.7
36	Quack grass	0.8	0.1	10.0	<0.1	4.8	4.8	0.6
37	Biennial wormwood	1.5	0.1	5.0	<0.1	0.2	0.2	0.6
38	Persian damel	0.8	0.2	20.0	<0.1	1.4	1.4	0.5
39	Pygmyflower	1.0	0.1	10.0	<0.1	1.0	1.0	0.5
40	Tumble mustard	1.3	0.1	5.0	<0.1	0.2	0.2	0.5
41	Flax	1.1	0.1	5.0	<0.1	0.6	1.0	0.5
42	Field pea	0.9	<0.1	5.0	<0.1	0.2	0.2	0.3
43	Green tansy mustard	0.9	<0.1	5.0	<0.1	0.2	0.2	0.3
44	False ragweed	0.8	<0.1	5.0	<0.1	0.2	0.2	0.3
45	Northern willowherb	0.8	<0.1	5.0	<0.1	0.2	0.2	0.3
46	Prostrate knotweed	0.8	<0.1	5.0	<0.1	0.2	0.2	0.3
47	Wormseed mustard	0.8	<0.1	5.0	<0.1	0.2	0.2	0.3
48	Common pepper-grass	0.8	<0.1	5.0	<0.1	0.2	0.2	0.3
49	Wild tomato	0.8	<0.1	5.0	<0.1	0.2	0.2	0.3
50	Crested wheat grass	0.7	<0.1	5.0	<0.1	0.2	0.2	0.3
51	Sunflower species	0.6	<0.1	5.0	<0.1	0.2	0.2	0.2

Field Survey Summary Tables – Pea in the Mixed Grassland Ecoregion

Table 49. 2014/15 Pea in the Mixed Grassland Ecoregion (53 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Wild oats	43.1	12.2	28.2	1.3	3.1	9.6	31.1
2	Wild mustard	3.7	2.0	55.0	4.8	130.0	259.6	29.8
3	Kochia	44.0	11.0	25.0	1.1	2.6	18.4	29.0
4	Green foxtail	21.7	8.6	39.9	2.2	10.2	28.2	27.0
5	Stinkweed	21.1	6.9	32.7	2.1	9.9	46.2	24.3
6	Narrow-leaved hawks-beard	23.2	4.4	18.8	2.2	9.3	87.8	22.3
7	Wild buckwheat	32.9	8.3	25.4	0.6	2.0	9.0	20.7
8	Canada thistle	26.6	2.8	10.5	0.3	1.3	8.8	11.4
9	Wheat	16.5	4.4	26.4	0.3	1.9	7.2	10.6
10	Canola/rapeseed	18.5	3.5	18.8	0.2	1.2	5.0	9.5
11	Barnyard grass species	10.4	2.0	19.2	0.5	5.0	16.4	7.6
12	Russian thistle	13.3	2.3	17.6	0.3	2.2	9.0	7.4
13	Flax	5.1	2.4	46.4	0.6	12.1	29.2	7.3
14	Lamb's-quarters	15.7	2.2	14.0	0.2	1.2	6.0	7.2
15	Foxtail barley	7.3	2.0	28.1	0.3	3.7	6.6	5.5
16	Dandelion	11.6	1.7	15.1	0.1	0.9	1.6	5.3
17	Annual spurge species	7.9	1.5	19.0	0.1	1.4	3.6	4.2
18	Biennial wormwood	5.9	1.3	21.2	0.1	1.4	3.0	3.3
19	Perennial sow-thistle	7.8	0.9	11.2	0.1	0.7	1.2	3.2
20	Canada fleabane	7.2	0.8	11.7	< 0.1	0.5	0.8	2.8
21	Flixweed	7.7	0.7	8.6	< 0.1	0.3	0.6	2.7
22	Shepherd's-purse	1.9	0.6	30.0	0.2	9.0	9.0	2.1
23	Prickly lettuce	5.8	0.5	8.4	< 0.1	0.5	0.8	2.1
24	Spiny annual sow-thistle	5.1	0.5	10.5	< 0.1	0.7	1.6	2.0
25	Goat's-beard	6.3	0.3	5.0	< 0.1	0.2	0.2	1.9
26	Persian damel	1.9	1.0	55.0	0.1	3.2	3.2	1.9
27	Round-leaved mallow	3.9	0.5	12.8	< 0.1	1.0	1.4	1.7
28	Redroot pigweed	3.2	0.6	18.8	< 0.1	1.0	1.2	1.6
29	Tumble pigweed	3.9	0.5	12.2	< 0.1	0.5	0.8	1.6
30	Lentil	4.2	0.3	7.5	< 0.1	0.3	0.4	1.4
31	Alfalfa	1.9	0.6	30.0	< 0.1	1.6	1.6	1.2
32	Prostrate knotweed	3.8	0.2	5.0	< 0.1	0.2	0.2	1.2
33	Cocklebur	1.9	0.3	15.0	< 0.1	0.8	0.8	0.8
34	American vetch	2.6	0.1	5.0	< 0.1	0.2	0.2	0.8
35	Scentless chamomile	2.0	0.2	10.0	< 0.1	0.6	0.6	0.8
36	Blue lettuce	1.9	0.2	10.0	< 0.1	1.2	1.2	0.8
37	Tumble mustard	1.9	0.2	10.0	< 0.1	0.4	0.4	0.7
38	Annual sow-thistle	2.2	0.1	5.0	< 0.1	0.2	0.2	0.7
39	Common pepper-grass	2.0	0.1	5.0	< 0.1	0.2	0.2	0.6
40	Black medick	1.9	0.1	5.0	< 0.1	0.4	0.4	0.6
41	Bluebur	1.9	0.1	5.0	< 0.1	0.4	0.4	0.6
42	Yellow sweet-clover	1.9	0.1	5.0	< 0.1	0.2	0.2	0.6
43	Cow cockle	1.9	0.1	5.0	< 0.1	0.2	0.2	0.6
44	Skeletonweed	1.9	0.1	5.0	< 0.1	0.2	0.2	0.6
45	Goldenrod species	1.9	0.1	5.0	< 0.1	0.2	0.2	0.6
46	Sunflower species	1.6	0.1	5.0	< 0.1	0.2	0.2	0.5

Field Survey Summary Tables – Number of Fields Surveyed by Crop in each Crop Reporting Area

Table 50. Number of fields surveyed by crop in each crop reporting area

	Northwest	Northeast	West-Central	East-Central	Southwest	Southeast
Spring wheat	53	85	117	144	48	110
Durum	-	-	42	11	172	61
Barley	23	27	26	54	21	18
Oat	10	21	8	48	14	26
Canola	73	125	99	194	39	123
Flax	-	6	5	20	22	40
Mustard	-	1	3	2	12	2
Lentil	-	-	50	12	95	42
Pea	9	6	27	16	46	23
Mixed crops	3	-	1	2	-	5
Annual crops	171	271	378	503	469	450

Field Survey Summary Tables – Density, Species Richness and Weed-Free Quadrats by Crop Reporting Area

Table 51. Density, species richness and weed-free quadrats in the surveyed crops in each crop reporting area

Area	Number of fields surveyed	Density (number/m ²)			Species (number/field)		Weed-free quadrats	
		mean	SE	median	mean	SE	%	SE
Northwest								
Annual crops	171	62.4	7.2	31.5	9.4	0.4	11.8	2.5
Spring wheat	53	47.4	8.6	27.1	8.7	0.6	14.9	4.9
Barley	23	79.0	27.1	32.1	9.0	1.2	14.4	7.3
Oat	10	201.2	51.4	172.8	11.9	2.2	4.9	6.8
Canola	73	39.2	6.0	20.9	9.5	0.5	11.6	3.7
Northeast								
Annual crops	271	50.8	5.2	22.8	8.8	0.3	18.6	2.4
Spring wheat	85	54.1	10.0	26.0	8.9	0.5	18.0	4.2
Barley	27	50.6	13.8	23.5	8.1	0.9	13.6	6.6
Oat	21	94.5	35.5	38.7	9.5	1.4	13.2	7.4
Canola	125	39.8	5.4	19.4	8.8	0.4	21.6	3.7
West-Central								
Annual crops	378	48.2	3.6	23.9	7.0	0.2	25.2	2.2
Spring wheat	117	68.1	8.6	38.4	8.2	0.4	14.6	3.3
Durum	42	44.3	12.8	4.8	3.9	0.5	49.7	7.7
Barley	26	53.2	11.2	37.0	6.7	0.7	12.4	6.5
Canola	99	35.5	3.8	22.1	7.5	0.4	23.3	4.2
Lentil	50	25.1	5.7	4.7	5.1	0.5	43.4	7.0
Pea	27	55.0	12.6	34.6	8.2	0.8	22.0	8.0
East-Central								
Annual crops	503	37.7	3.0	19.3	7.7	0.2	20.5	1.8
Spring wheat	144	42.8	7.0	20.9	7.8	0.3	21.2	3.4
Durum	11	53.6	11.7	38.7	8.6	0.7	4.8	6.5
Barley	54	56.1	16.5	22.8	8.5	0.6	18.3	5.3
Oat	48	37.0	6.7	14.8	6.1	0.5	26.9	6.4
Canola	194	27.8	2.4	15.1	7.4	0.2	23.0	3.0
Flax	20	26.5	5.2	18.2	8.8	0.7	9.4	6.5
Lentil	12	34.9	10.0	20.0	8.3	0.9	14.3	10.1
Pea	16	29.3	4.7	24.0	9.9	0.8	9.5	7.3
Southwest								
Annual crops	469	27.5	3.2	4.2	3.8	0.1	50.6	2.3
Spring wheat	48	64.8	20.2	17.5	4.7	0.5	32.7	6.8
Durum	172	23.5	4.5	3.7	3.2	0.2	54.9	3.8
Barley	21	56.3	21.7	9.2	5.0	0.8	34.4	10.4
Oat	14	40.8	17.9	4.2	5.7	1.2	35.1	12.8
Canola	39	28.6	8.8	5.5	4.2	0.5	48.0	8.0
Flax	22	13.0	5.2	3.2	4.0	0.4	53.3	10.6
Mustard	12	6.9	4.6	1.5	3.2	0.8	66.8	13.6
Lentil	95	18.0	4.1	2.9	3.4	0.3	54.4	5.1
Pea	46	18.3	6.8	3.3	4.1	0.5	53.9	7.3
Southeast								
Annual crops	450	43.6	4.0	13.2	6.5	0.2	28.5	2.1
Spring wheat	110	53.7	7.9	26.6	7.6	0.4	23.2	4.0
Durum	61	18.3	5.8	4.6	3.9	0.3	47.6	6.4
Barley	18	105.7	27.9	55.2	8.8	0.9	14.5	8.3
Oat	26	98.7	30.3	30.1	9.5	0.9	11.7	6.3
Canola	123	37.5	7.5	12.8	6.0	0.3	30.5	4.2
Flax	40	24.5	4.7	15.5	7.1	0.5	22.5	6.6
Lentil	42	30.7	11.6	8.0	5.2	0.6	33.4	7.3
Pea	23	33.4	8.6	19.2	6.9	0.8	27.3	9.3

Field Survey Summary Tables – Northwestern Saskatchewan

Table 52. 2014/15 Annual crops in Northwestern Saskatchewan (171 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	42.9	24.4	56.9	16.1	37.5	502.0	39.6
2	Wild buckwheat	84.6	35.8	42.3	4.6	5.4	46.2	29.8
3	Wild oats	59.1	24.7	41.8	4.8	8.1	74.2	23.3
4	False cleavers	53.4	21.5	40.2	3.2	5.9	69.6	18.9
5	Narrow-leaved hawk's-beard	50.1	17.5	34.9	2.4	4.7	40.0	15.7
6	Canola/rapeseed	46.3	15.2	32.9	2.4	5.1	90.0	14.4
7	Low cudweed	27.4	6.6	24.2	5.4	19.8	501.8	14.1
8	Shepherd's-purse	39.1	9.4	24.0	1.8	4.7	54.4	10.6
9	Wheat	33.6	11.2	33.4	1.6	4.7	33.6	10.4
10	Canada thistle	43.0	8.9	20.6	0.8	1.8	11.4	9.2
11	Lamb's-quarters	40.9	8.0	19.7	0.7	1.7	15.0	8.5
12	Chickweed	16.0	5.2	32.3	2.6	16.1	221.8	7.8
13	Corn spurry	7.8	2.7	34.5	3.4	44.0	276.2	7.3
14	Spiny annual sow-thistle	29.2	6.1	20.7	1.0	3.5	55.4	7.0
15	Dandelion	28.2	4.4	15.5	0.3	1.2	18.4	5.2
16	Northern willowherb	20.5	4.1	20.2	0.4	1.9	13.6	4.4
17	Foxtail barley	9.2	2.4	26.0	1.4	15.4	160.0	4.1
18	Field horsetail	15.8	3.3	21.0	0.6	3.8	23.6	3.9
19	Barnyard grass species	4.3	1.9	45.2	1.6	38.3	151.0	3.8
20	Purslane speedwell	10.5	2.3	21.7	0.5	4.8	39.2	2.8
21	Stork's-bill	9.4	2.5	26.1	0.5	4.8	42.0	2.7
22	Stinkweed	14.9	2.0	13.5	0.1	0.9	7.6	2.6
23	Barley	10.7	2.3	21.3	0.3	3.2	22.4	2.5
24	Hemp-nettle	13.1	2.1	16.2	0.2	1.3	8.6	2.5
25	Pale smartweed	12.8	1.7	13.6	0.1	1.1	5.6	2.2
26	Broad-leaved plantain	10.4	1.9	17.8	0.2	1.7	8.8	2.1
27	Perennial sow-thistle	11.1	1.9	16.8	0.1	1.1	5.6	2.1
28	Canada fleabane	8.8	2.0	22.9	0.2	2.6	18.6	2.1
29	Willow species	10.1	1.6	15.9	0.1	1.2	7.2	1.9
30	Rough hair grass	8.1	1.6	20.1	0.2	2.1	12.2	1.7
31	Rough cinquefoil	8.5	1.5	17.6	0.1	1.5	11.0	1.7
32	American vetch	11.2	0.9	8.1	0.1	0.5	1.8	1.6
33	Night-flowering catchfly	8.0	1.5	18.9	0.1	1.3	7.6	1.6
34	Redroot pigweed	7.9	1.2	15.2	0.2	1.9	10.0	1.5
35	Pygmyflower	5.7	1.6	28.1	0.2	3.1	12.2	1.5
36	Annual sow-thistle	3.8	1.3	35.1	0.3	8.8	36.8	1.5
37	Thyme-leaved sandwort	0.6	0.6	100.0	0.7	117.0	117.0	1.4
38	Black medick	5.2	1.0	19.5	0.3	5.0	30.6	1.3
39	Pineappleweed	5.7	1.2	20.4	0.1	1.6	3.4	1.2
40	Blue grass species	5.1	0.9	17.8	0.2	3.6	13.2	1.2
41	Alfalfa	4.1	0.9	22.2	0.2	4.9	12.6	1.1
42	Oats	3.8	1.2	31.8	0.1	3.9	9.0	1.1
43	Prostrate knotweed	7.2	0.6	8.3	< 0.1	0.5	1.8	1.1
44	Annual spurge species	4.0	1.1	27.6	0.1	3.2	11.6	1.0
45	Clover species	4.4	0.9	20.4	0.1	3.2	20.2	1.0
46	Slough grass	3.7	1.0	26.0	0.1	2.9	11.4	0.9
47	Quack grass	5.3	0.6	11.2	0.1	1.4	3.6	0.9
48	American dragonhead	5.2	0.7	13.4	0.1	1.1	6.6	0.9
49	Tumble pigweed	4.4	0.8	18.1	0.1	1.4	3.2	0.9
50	Yellow sweet-clover	0.7	0.7	100.0	0.3	45.6	45.6	0.8
51	Russian thistle	4.3	0.6	14.9	0.1	1.7	3.0	0.8
52	Field violet	2.5	0.7	30.1	0.2	6.3	17.6	0.8

(Table continued on next page)

Table 52. 2014/15 Annual crops in Northwestern Saskatchewan (171 fields) (continued)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Meadow brome	4.2	0.6	15.4	0.1	1.3	4.0	0.8
54	Marsh yellow cress	4.6	0.6	11.9	<0.1	0.7	2.6	0.8
55	Golden dock	4.4	0.5	12.2	<0.1	0.8	2.6	0.7
56	Scouring-rush	3.2	0.4	12.5	0.2	4.8	23.0	0.7
57	Long-stalked chickweed	2.0	0.9	45.0	0.1	5.0	11.8	0.7
58	Field pea	1.6	0.7	44.1	0.1	6.3	9.6	0.6
59	Yellow toadflax	3.4	0.4	13.0	<0.1	0.8	1.6	0.6
60	Common groundsel	3.9	0.2	6.3	<0.1	0.3	0.4	0.5
61	Scentless chamomile	3.7	0.3	6.9	<0.1	0.8	2.0	0.5
62	Kochia	3.3	0.3	8.0	<0.1	0.9	3.0	0.5
63	Wild mustard	1.4	0.5	35.0	0.1	7.7	15.0	0.5
64	Wood whitlow-grass	1.3	0.3	24.8	<0.1	2.3	3.6	0.3
65	Annual brome species	0.5	0.3	55.0	0.1	13.2	13.2	0.3
66	Round-leaved mallow	1.6	0.2	12.2	<0.1	0.8	1.4	0.3
67	Rayless aster	1.6	0.2	12.8	<0.1	0.6	1.4	0.3
68	Biennial wormwood	1.5	0.2	11.8	<0.1	0.5	0.8	0.2
69	Burning nettle	1.4	0.2	11.4	<0.1	0.5	0.8	0.2
70	Flixweed	0.7	0.3	40.0	<0.1	2.8	2.8	0.2
71	Nightshade species	0.7	0.2	35.0	<0.1	3.2	3.2	0.2
72	Flax	0.5	0.2	45.0	<0.1	4.2	4.2	0.2
73	Dock species	0.8	0.1	12.5	<0.1	1.9	3.4	0.1
74	Prostrate pigweed	0.5	0.1	15.0	<0.1	4.2	4.2	0.1
75	Goat's-beard	1.0	<0.1	5.0	<0.1	0.2	0.2	0.1
76	White cockle	0.4	0.1	30.0	<0.1	1.4	1.4	0.1
77	Poplar species	0.6	0.1	15.0	<0.1	0.6	0.6	0.1
78	Lentil	0.7	<0.1	5.0	<0.1	0.4	0.4	0.1
79	Russian pigweed	0.7	<0.1	5.0	<0.1	0.2	0.2	0.1
80	Tansy	0.7	<0.1	5.0	<0.1	0.2	0.2	0.1
81	Henbit	0.5	0.1	10.0	<0.1	1.0	1.0	0.1
82	Purslane	0.7	<0.1	5.0	<0.1	0.2	0.2	0.1
83	Bluebur	0.6	0.1	10.0	<0.1	0.4	0.4	0.1
84	Common pepper-grass	0.5	0.1	10.0	<0.1	0.6	0.6	0.1
85	Long-stalked starwort	0.6	<0.1	5.0	<0.1	0.2	0.2	0.1
86	Bicknell's geranium	0.6	<0.1	5.0	<0.1	0.2	0.2	0.1
87	Common yarrow	0.6	<0.1	5.0	<0.1	0.2	0.2	0.1
88	Ball mustard	0.6	<0.1	5.0	<0.1	0.2	0.2	0.1
89	Toad rush	0.6	<0.1	5.0	<0.1	0.2	0.2	0.1
90	Oak-leaved goosefoot	0.5	<0.1	5.0	<0.1	0.2	0.2	0.1
91	Siberian elm	0.5	<0.1	5.0	<0.1	0.2	0.2	0.1
92	Manitoba maple	0.5	<0.1	5.0	<0.1	0.2	0.2	0.1
93	Cow cockle	0.5	<0.1	5.0	<0.1	0.2	0.2	0.1
94	Prickly lettuce	0.5	<0.1	5.0	<0.1	0.2	0.2	0.1
95	Wormseed mustard	0.5	<0.1	5.0	<0.1	0.2	0.2	0.1

Field Survey Summary Tables – Spring wheat in Northwestern Saskatchewan

Table 53. 2014/15 Spring wheat in North western Saskatchewan (53 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	36.0	22.3	61.9	9.2	25.6	99.8	32.7
2	Wild buckwheat	82.4	30.9	37.5	3.4	4.1	25.2	29.4
3	False cleavers	63.3	29.7	47.0	4.3	6.8	35.8	28.6
4	Wild oats	57.4	26.1	45.6	4.9	8.5	47.2	27.6
5	Canola/rapeseed	62.1	18.9	30.4	3.2	5.1	90.0	21.6
6	Narrow-leaved hawk's-beard	51.3	16.9	32.9	1.8	3.5	22.0	16.7
7	Chickweed	11.0	4.1	37.3	4.8	43.2	221.8	13.0
8	Canada thistle	51.4	11.0	21.5	0.9	1.8	11.4	12.4
9	Shepherd's-purse	41.1	8.9	21.7	1.7	4.1	51.0	12.0
10	Low cudweed	33.7	5.5	16.4	1.2	3.4	31.4	8.6
11	Barnyard grass species	3.6	3.0	85.1	3.1	87.8	151.0	8.2
12	Spiny annual sow-thistle	32.1	6.4	20.0	0.4	1.2	4.2	7.1
13	Lamb's-quarters	36.1	3.6	10.0	0.2	0.5	2.4	6.1
14	Northern willowherb	19.6	5.7	28.9	0.5	2.7	9.6	5.7
15	Dandelion	25.8	3.5	13.7	0.2	0.9	4.0	4.9
16	Wheat	8.7	4.7	53.3	0.9	10.2	33.6	4.8
17	Field horsetail	16.2	3.0	18.5	0.7	4.1	23.6	4.5
18	Foxtail barley	13.9	2.7	19.1	0.5	3.9	24.6	3.9
19	Perennial sow-thistle	17.4	3.1	18.1	0.2	1.2	5.6	3.7
20	Purslane speedwell	8.5	2.2	26.2	0.8	9.1	37.2	3.5
21	Annual sow-thistle	8.8	2.5	28.0	0.7	7.9	36.8	3.5
22	Canada fleabane	5.3	2.9	55.1	0.5	8.7	18.6	2.8
23	Barley	8.2	2.0	24.7	0.4	5.2	22.4	2.7
24	Hemp-nettle	14.5	1.7	11.5	0.1	0.7	1.2	2.6
25	Annual spurge species	5.4	2.6	47.2	0.3	6.3	11.6	2.4
26	Pale smartweed	12.8	1.5	11.6	0.1	1.0	3.8	2.3
27	Stork's-bill	3.6	1.3	35.0	0.6	17.0	42.0	2.2
28	Willow species	9.5	1.7	18.4	0.2	1.7	7.2	2.2
29	Pineappleweed	8.5	1.2	13.8	0.1	1.1	3.4	1.7
30	Scouring-rush	4.4	0.7	15.7	0.4	8.7	23.0	1.6
31	Broad-leaved plantain	8.5	0.9	11.2	0.1	0.6	1.2	1.5
32	Stinkweed	9.3	0.7	7.9	0.1	0.5	1.2	1.5
33	Long-stalked chickweed	2.0	1.7	85.0	0.2	11.8	11.8	1.4
34	American vetch	9.5	0.5	5.0	< 0.1	0.2	0.2	1.3
35	Prostrate knotweed	8.0	0.5	6.1	< 0.1	0.3	0.4	1.2
36	Field violet	4.2	0.8	20.0	0.1	3.6	6.0	1.1
37	Blue grass species	5.8	0.7	11.7	0.1	1.5	3.2	1.1
38	Redroot pigweed	5.4	0.6	11.6	0.1	1.7	3.4	1.1
39	Corn spurry	2.0	1.2	60.0	0.1	4.8	4.8	0.9
40	Rough hair grass	5.6	0.4	7.0	< 0.1	0.5	1.0	0.9
41	Night-flowering catchfly	5.1	0.3	5.0	< 0.1	0.2	0.2	0.7
42	Quack grass	3.8	0.3	7.4	0.1	1.7	3.4	0.7
43	Rough cinquefoil	3.7	0.4	10.3	< 0.1	0.6	1.0	0.6
44	Russian thistle	3.5	0.3	7.5	0.1	1.5	2.8	0.6
45	Golden dock	3.6	0.4	10.0	< 0.1	0.4	0.6	0.6
46	American dragonhead	3.6	0.3	7.5	< 0.1	0.3	0.4	0.5
47	Black medick	3.7	0.2	5.0	< 0.1	0.2	0.2	0.5
48	Marsh yellow cress	1.8	0.5	30.0	< 0.1	2.6	2.6	0.5
49	Yellow toadflax	2.2	0.4	20.0	< 0.1	1.6	1.6	0.5
50	Common groundsel	3.6	0.2	5.0	< 0.1	0.3	0.4	0.5
51	Rayless aster	3.6	0.2	5.0	< 0.1	0.2	0.2	0.5
52	Henbit	1.8	0.2	10.0	< 0.1	1.0	1.0	0.3

(Table continued on next page)

Field Survey Summary Tables – Spring wheat in Northwestern Saskatchewan

Table 53. 2014/15 Spring wheat in North western Saskatchewan (53 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Purslane	2.2	0.1	5.0	< 0.1	0.2	0.2	0.3
54	Common pepper-grass	1.8	0.2	10.0	< 0.1	0.6	0.6	0.3
55	Tumble pigweed	1.8	0.2	10.0	< 0.1	0.4	0.4	0.3
56	Common yarrow	2.0	0.1	5.0	< 0.1	0.2	0.2	0.3
57	Toad rush	1.8	0.1	5.0	< 0.1	0.2	0.2	0.3
58	Kochia	1.8	0.1	5.0	< 0.1	0.4	0.4	0.3
59	Pygmyflower	1.4	0.1	10.0	< 0.1	0.4	0.4	0.2
60	Slough grass	1.4	0.1	5.0	< 0.1	0.2	0.2	0.2
61	Biennial wormwood	1.4	0.1	5.0	< 0.1	0.2	0.2	0.2

Field Survey Summary Tables – Barley in Northwestern Saskatchewan

Table 54. 2014/15 Barley in Northwestern Saskatchewan (23 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Low cudweed	21.6	8.8	40.9	31.7	146.8	501.8	45.9
2	Green foxtail	56.3	37.8	67.2	17.2	30.5	94.2	42.8
3	Wild buckwheat	84.8	35.9	42.4	5.3	6.3	32.2	30.2
4	Wild oats	40.4	14.7	36.4	3.2	8.0	41.2	14.3
5	Canola/rapeseed	56.0	15.1	26.9	1.6	2.8	13.0	14.1
6	Narrow-leaved hawk's-beard	45.1	12.4	27.6	1.9	4.2	16.6	12.3
7	Canada thistle	47.5	10.7	22.5	1.1	2.2	9.2	10.8
8	Lamb's-quarters	49.5	9.0	18.2	0.8	1.7	15.0	10.1
9	False cleavers	28.7	9.2	31.9	2.6	8.9	47.6	10.0
10	Spiny annual sow-thistle	24.7	6.8	27.4	0.7	2.9	9.0	6.3
11	Pale smartweed	34.2	4.4	12.9	0.3	0.8	2.2	5.9
12	Yellow sweet-clover	5.3	5.3	100.0	2.4	45.6	45.6	5.8
13	Dandelion	28.4	4.8	17.0	0.3	1.1	3.2	5.4
14	Wheat	19.2	6.2	32.2	0.6	3.1	11.2	5.3
15	Barnyard grass species	14.1	5.0	35.6	1.3	9.4	26.2	5.2
16	Oats	14.7	5.0	34.1	0.8	5.2	9.0	4.6
17	Foxtail barley	11.9	4.7	39.7	0.9	7.2	13.0	4.2
18	Stinkweed	17.6	4.3	24.2	0.3	1.4	2.2	4.0
19	Northern willowherb	13.7	4.2	30.9	0.6	4.1	11.6	3.9
20	Shepherd's-purse	18.9	3.7	19.3	0.2	1.2	2.2	3.8
21	Stork's-bill	12.8	4.6	35.9	0.5	3.6	7.8	3.8
22	Broad-leaved plantain	17.3	3.0	17.2	0.4	2.5	6.4	3.6
23	Field horsetail	9.4	4.5	48.3	0.5	5.8	8.6	3.5
24	Meadow brome	11.7	1.7	14.3	0.2	2.1	4.0	2.3
25	Annual brome species	4.3	2.4	55.0	0.6	13.2	13.2	2.1
26	Night-flowering catchfly	10.6	2.1	19.8	0.1	0.9	1.4	2.1
27	Canada fleabane	13.6	1.0	7.3	0.1	0.9	2.6	2.1
28	Rough hair grass	9.7	1.8	18.9	0.2	2.1	3.6	2.0
29	Long-stalked chickweed	6.2	2.8	45.0	0.2	2.8	2.8	2.0
30	Wood whitlow-grass	6.2	2.2	35.0	0.2	3.6	3.6	1.8
31	Alfalfa	11.7	0.9	7.7	< 0.1	0.3	0.4	1.7
32	Tumble pigweed	7.4	1.7	22.5	0.2	2.3	3.0	1.7
33	Purslane speedwell	9.3	1.4	15.0	0.1	0.7	1.0	1.7
34	Chickweed	7.1	1.8	24.9	0.1	1.3	2.8	1.6
35	Quack grass	8.5	1.2	14.6	0.1	1.3	1.8	1.6
36	Nightshade species	5.4	1.9	35.0	0.2	3.2	3.2	1.6
37	Slough grass	5.4	1.4	25.0	0.2	4.4	4.4	1.4
38	Flax	4.0	1.8	45.0	0.2	4.2	4.2	1.3
39	Kochia	8.3	0.6	7.4	0.1	1.5	3.0	1.3
40	Russian thistle	7.0	0.9	13.4	0.1	1.8	3.0	1.3
41	Black medick	7.5	0.8	10.8	< 0.1	0.7	1.0	1.2
42	Dock species	6.2	0.8	12.5	0.1	1.9	3.4	1.1
43	Golden dock	4.3	1.3	30.0	0.1	2.6	2.6	1.1
44	Clover species	6.2	0.6	10.0	0.1	1.0	1.0	1.0
45	Prostrate pigweed	4.3	0.6	15.0	0.2	4.2	4.2	1.0
46	Redroot pigweed	6.2	0.6	10.0	< 0.1	0.4	0.4	1.0
47	Blue grass species	3.1	0.8	25.0	0.2	5.8	5.8	0.9
48	Wild mustard	5.3	0.5	10.0	< 0.1	0.4	0.4	0.8
49	Prostrate knotweed	4.3	0.6	15.0	< 0.1	1.0	1.0	0.8
50	Round-leaved mallow	3.6	0.7	20.0	0.1	1.4	1.4	0.7
51	Lentil	5.3	0.3	5.0	< 0.1	0.4	0.4	0.7
52	Willow species	4.3	0.4	10.0	< 0.1	0.4	0.4	0.7

(Table continued on next page)

Table 54. 2014/15 Barley in Northwestern Saskatchewan (23 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Pygmyflower	3.1	0.5	15.0	0.1	2.2	2.2	0.6
54	American dragonhead	4.3	0.2	5.0	< 0.1	0.2	0.2	0.6
55	Manitoba maple	4.3	0.2	5.0	< 0.1	0.2	0.2	0.6
56	Field pea	4.3	0.2	5.0	< 0.1	0.2	0.2	0.6
57	American vetch	3.6	0.2	5.0	< 0.1	0.8	0.8	0.5
58	Annual spurge species	3.1	0.2	5.0	< 0.1	0.4	0.4	0.4

Field Survey Summary Tables – Oat in Northwestern Saskatchewan

Table 55. 2014/15 Oat in Northwestern Saskatchewan (10 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	70.4	54.5	77.5	135.0	191.8	502.0	87.2
2	Wild oats	61.5	34.7	56.4	10.6	17.3	58.4	19.4
3	Wild buckwheat	81.2	34.1	42.0	4.4	5.4	18.2	17.8
4	Narrow-leaved hawk's-beard	47.9	19.6	40.9	2.4	5.0	13.2	10.3
5	Thyme-leaved sandwort	10.8	10.8	100.0	12.7	117.0	117.0	10.0
6	Dandelion	51.9	14.7	28.3	1.1	2.2	3.8	8.7
7	Lamb's-quarters	43.9	15.2	34.6	1.5	3.3	6.2	8.3
8	False cleavers	29.1	12.9	44.4	1.6	5.4	9.4	6.6
9	Canada thistle	41.0	9.5	23.1	1.2	2.8	7.8	6.5
10	Shepherd's-purse	43.1	8.4	19.5	0.6	1.5	3.6	6.1
11	Broad-leaved plantain	35.9	9.5	26.6	1.1	3.0	8.8	6.0
12	Chickweed	8.9	8.0	90.0	5.5	62.0	62.0	5.6
13	Night-flowering catchfly	25.0	10.9	43.6	0.9	3.8	7.6	5.4
14	Barley	24.4	8.5	34.7	1.9	7.7	15.2	5.2
15	Redroot pigweed	29.1	7.1	24.5	1.1	3.9	10.0	4.9
16	Clover species	10.8	10.8	100.0	2.2	20.2	20.2	4.8
17	Hemp-nettle	27.9	7.5	27.0	0.9	3.2	8.6	4.7
18	Canola/rapeseed	19.7	8.9	45.0	1.0	5.2	6.4	4.5
19	Alfalfa	18.0	8.1	45.2	1.1	6.3	11.0	4.2
20	Black medick	16.0	6.4	40.3	2.2	13.6	30.6	4.1
21	Field horsetail	16.9	6.6	39.2	1.7	10.2	15.2	4.0
22	Wild mustard	12.1	7.2	60.0	1.8	15.0	15.0	3.8
23	Blue grass species	20.7	5.9	28.3	1.1	5.2	9.2	3.8
24	Perennial sow-thistle	29.0	4.7	16.1	0.3	1.0	2.6	3.8
25	Low cudweed	18.9	6.0	31.4	1.2	6.3	9.6	3.7
26	Wheat	29.2	3.8	13.1	0.5	1.6	5.2	3.7
27	Purslane speedwell	28.8	3.6	12.3	0.5	1.8	3.8	3.6
28	Rough cinquefoil	27.7	3.9	14.1	0.2	0.7	1.2	3.4
29	American vetch	29.9	3.2	10.5	0.2	0.7	1.8	3.4
30	Corn spurry	10.8	6.0	55.0	1.4	12.6	12.6	3.1
31	Tumble pigweed	18.0	4.8	26.9	0.3	1.8	3.2	2.9
32	Stinkweed	26.9	2.2	8.3	0.1	0.4	0.8	2.9
33	Pale smartweed	17.0	4.0	23.3	0.6	3.7	5.6	2.8
34	Canada fleabane	20.7	3.5	16.9	0.2	1.1	2.0	2.7
35	Scentless chamomile	20.2	2.2	11.0	0.2	0.9	2.0	2.4
36	Stork's-bill	17.0	2.9	16.9	0.2	1.1	2.0	2.3
37	Barnyard grass species	18.0	1.3	7.3	0.2	1.4	2.2	2.0
38	Pygmyflower	9.9	3.0	30.0	0.4	4.0	4.0	1.8
39	Willow species	10.8	2.2	20.0	0.2	2.0	2.0	1.6
40	Russian thistle	12.1	1.2	10.0	0.1	1.0	1.0	1.4
41	Slough grass	8.1	2.0	25.0	0.1	1.2	1.2	1.3
42	Scouring-rush	9.9	1.0	10.0	0.2	2.4	2.4	1.2
43	Kochia	12.1	0.6	5.0	< 0.1	0.2	0.2	1.2
44	Long-stalked chickweed	10.8	0.5	5.0	0.1	1.0	1.0	1.1
45	Northern willowherb	10.8	0.5	5.0	< 0.1	0.2	0.2	1.1
46	Common groundsel	9.9	0.5	5.0	< 0.1	0.2	0.2	1.0
47	American dragonhead	8.9	0.4	5.0	< 0.1	0.2	0.2	0.9
48	Rough hair grass	8.1	0.4	5.0	0.1	0.8	0.8	0.8
49	Marsh yellow cress	8.1	0.4	5.0	< 0.1	0.2	0.2	0.8
50	Wormseed mustard	8.1	0.4	5.0	< 0.1	0.2	0.2	0.8
51	Meadow brome	8.1	0.4	5.0	< 0.1	0.2	0.2	0.8

Table 56. 2014/15 Canola in Northwestern Saskatchewan (73 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Wild buckwheat	86.5	37.4	43.2	4.8	5.5	46.2	36.2
2	Wild oats	64.1	24.3	37.9	4.0	6.2	74.2	26.7
3	False cleavers	60.8	22.1	36.3	3.0	4.9	69.6	22.8
4	Green foxtail	36.0	14.5	40.2	5.1	14.2	211.4	22.7
5	Wheat	55.2	18.0	32.7	2.7	4.8	33.4	19.8
6	Narrow-leaved hawk's-beard	47.1	17.2	36.5	2.1	4.5	20.0	17.2
7	Low cudweed	26.9	7.1	26.3	1.9	6.9	56.8	10.4
8	Shepherd's-purse	41.0	8.8	21.3	1.0	2.4	17.6	10.3
9	Canola/rapeseed	35.1	10.4	29.7	0.9	2.5	21.6	10.0
10	Lamb's-quarters	37.9	8.0	21.0	0.7	2.0	14.8	9.1
11	Chickweed	24.5	6.6	26.8	1.4	5.7	28.6	8.8
12	Spiny annual sow-thistle	33.6	5.8	17.4	1.1	3.3	51.4	8.7
13	Foxtail barley	7.8	2.2	28.8	2.6	33.9	160.0	8.4
14	Canada thistle	33.3	7.1	21.3	0.6	1.8	7.8	7.9
15	Northern willowherb	28.0	4.2	15.0	0.3	1.2	13.6	5.5
16	Dandelion	26.0	3.9	15.1	0.4	1.5	18.4	5.3
17	Field horsetail	17.3	3.0	17.1	0.4	2.5	9.4	4.1
18	Purslane speedwell	11.8	2.8	23.8	0.5	4.6	39.2	3.7
19	Barnyard grass species	0.9	0.7	75.0	1.1	125.8	125.8	3.3
20	Hemp-nettle	13.5	2.6	19.2	0.2	1.6	3.0	3.0
21	Rough cinquefoil	11.9	2.6	22.0	0.3	2.1	11.0	3.0
22	Stinkweed	15.5	2.2	14.2	0.2	1.1	7.6	2.9
23	Pygmyflower	8.4	3.0	35.7	0.3	3.9	12.2	2.9
24	Rough hair grass	9.7	2.7	28.1	0.3	2.9	12.2	2.8
25	Willow species	13.9	2.1	14.9	0.1	1.0	3.6	2.6
26	Barley	11.5	2.4	20.6	0.2	1.6	5.4	2.6
27	Stork's-bill	10.9	1.6	15.1	0.2	1.9	8.4	2.3
28	Corn spurry	11.5	1.3	11.0	0.1	0.8	2.8	1.9
29	Canada fleabane	8.7	1.6	18.3	0.1	1.6	7.4	1.9
30	American vetch	11.1	1.1	10.3	0.1	0.6	1.8	1.8
31	Perennial sow-thistle	9.5	1.5	15.2	0.1	0.9	3.2	1.8
32	Black medick	5.0	1.1	22.5	0.3	6.0	22.2	1.7
33	Slough grass	5.0	1.5	30.8	0.2	3.2	11.4	1.6
34	Annual sow-thistle	2.6	1.3	52.7	0.3	10.9	21.2	1.5
35	Broad-leaved plantain	7.0	1.4	19.6	0.1	1.2	3.0	1.5
36	American dragonhead	5.4	1.2	22.4	0.1	2.2	6.6	1.4
37	Oats	4.6	1.4	29.5	0.1	2.6	6.0	1.3
38	Night-flowering catchfly	6.1	1.2	19.2	0.1	1.3	4.0	1.3
39	Redroot pigweed	6.4	0.9	13.5	0.1	1.7	5.8	1.3
40	Field violet	1.4	1.0	70.0	0.2	17.6	17.6	1.2
41	Prostrate knotweed	7.1	0.6	8.0	< 0.1	0.6	1.8	1.1
42	Blue grass species	3.9	0.6	15.3	0.2	4.2	13.2	1.1
43	Golden dock	6.5	0.6	9.6	< 0.1	0.6	1.0	1.0
44	Pale smartweed	7.0	0.4	6.1	< 0.1	0.3	0.6	1.0
45	Tumble pigweed	4.5	0.6	13.7	0.1	1.1	2.4	0.8
46	Yellow toadflax	4.8	0.6	13.3	< 0.1	0.7	1.6	0.8
47	Marsh yellow cress	6.0	0.4	6.1	< 0.1	0.3	0.4	0.8
48	Quack grass	3.4	0.6	18.3	0.1	2.1	3.6	0.8
49	Clover species	5.4	0.4	7.6	< 0.1	0.3	0.6	0.8
50	Pineappleweed	3.4	0.5	15.3	< 0.1	0.7	2.0	0.6
51	Scentless chamomile	4.3	0.2	5.0	< 0.1	0.7	1.8	0.6
52	Common groundsel	4.0	0.3	8.0	< 0.1	0.3	0.4	0.6

(Table continued on next page)

Field Survey Summary Tables – Canola in Northwestern Saskatchewan

Table 56. 2014/15 Canola in Northwestern Saskatchewan (73 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Annual spurge species	2.8	0.4	15.0	<0.1	1.2	1.4	0.6
54	Flixweed	1.6	0.6	40.0	<0.1	2.8	2.8	0.5
55	Burning nettle	3.2	0.4	11.4	<0.1	0.5	0.8	0.5
56	Meadow brome	2.8	0.4	12.5	<0.1	1.1	2.0	0.5
57	Biennial wormwood	2.5	0.4	14.5	<0.1	0.6	0.8	0.4
58	Russian thistle	2.2	0.2	10.0	<0.1	2.0	2.6	0.4
59	Kochia	2.3	0.3	12.4	<0.1	0.9	1.2	0.4
60	Rayless aster	1.2	0.3	30.0	<0.1	1.4	1.4	0.3
61	Goat's-beard	2.2	0.1	5.0	<0.1	0.2	0.2	0.3
62	Scouring-rush	1.3	0.1	10.0	<0.1	2.4	2.4	0.3
63	White cockle	1.0	0.3	30.0	<0.1	1.4	1.4	0.3
64	Alfalfa	1.4	0.2	15.0	<0.1	0.6	0.6	0.3
65	Poplar species	1.3	0.2	15.0	<0.1	0.6	0.6	0.2
66	Round-leaved mallow	1.2	0.2	15.0	<0.1	0.6	0.6	0.2
67	Russian pigweed	1.6	0.1	5.0	<0.1	0.2	0.2	0.2
68	Tansy	1.6	0.1	5.0	<0.1	0.2	0.2	0.2
69	Wood whitlow-grass	1.3	0.1	10.0	<0.1	0.4	0.4	0.2
70	Long-stalked starwort	1.4	0.1	5.0	<0.1	0.2	0.2	0.2
71	Bicknell's geranium	1.4	0.1	5.0	<0.1	0.2	0.2	0.2
72	Ball mustard	1.3	0.1	5.0	<0.1	0.2	0.2	0.2
73	Oak-leaved goosefoot	1.3	0.1	5.0	<0.1	0.2	0.2	0.2
74	Siberian elm	1.3	0.1	5.0	<0.1	0.2	0.2	0.2
75	Prickly lettuce	1.1	0.1	5.0	<0.1	0.2	0.2	0.1

Table 57. 2014/15 Annual crops in Northeastern Saskatchewan (271 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Wild oats	56.2	20.4	36.3	5.1	9.0	168.4	25.2
2	Wild buckwheat	70.8	24.9	35.1	2.9	4.1	56.8	24.5
3	False cleavers	54.5	20.8	38.1	2.9	5.3	44.4	20.9
4	Barnyard grass species	26.7	9.6	36.2	6.1	22.9	272.6	19.2
5	Green foxtail	24.6	11.3	46.0	5.3	21.7	285.4	18.2
6	Canola/rapeseed	37.4	15.3	40.8	2.7	7.3	125.6	16.2
7	Spiny annual sow-thistle	33.2	9.7	29.1	2.7	8.0	373.8	13.2
8	Low cudweed	26.3	7.7	29.3	2.6	10.0	71.8	11.5
9	Chickweed	21.2	6.5	30.8	2.5	11.8	177.4	10.2
10	Canada thistle	42.8	8.5	19.9	0.8	1.8	28.4	10.1
11	Broad-leaved plantain	31.6	7.8	24.8	1.5	4.9	76.0	10.0
12	Pale smartweed	28.7	7.3	25.4	1.1	3.9	81.2	8.6
13	Field horsetail	22.8	5.6	24.8	1.4	6.1	77.0	7.8
14	Dandelion	34.7	5.5	15.8	0.4	1.2	14.4	7.2
15	Northern willowherb	24.6	5.6	22.9	0.8	3.3	66.2	6.8
16	Shepherd's-purse	24.7	5.5	22.3	0.7	2.7	22.6	6.5
17	Hemp-nettle	22.7	5.2	22.7	0.7	3.2	32.2	6.2
18	Wheat	24.9	5.4	21.7	0.5	1.9	13.8	6.1
19	Lamb's-quarters	25.7	4.2	16.3	0.4	1.5	24.0	5.5
20	Narrow-leaved hawk's-beard	19.8	4.0	20.2	0.5	2.7	24.0	5.0
21	Annual sow-thistle	13.1	4.1	31.4	0.8	6.0	90.2	4.8
22	Blue grass species	3.9	1.5	38.9	1.9	47.5	207.2	4.7
23	Marsh yellow cress	11.9	2.2	18.2	0.6	5.2	94.6	3.5
24	Purslane speedwell	11.9	2.1	17.5	0.5	4.4	70.2	3.3
25	Foxtail barley	14.1	2.4	17.3	0.3	2.3	19.8	3.3
26	Stork's-bill	8.8	2.8	32.0	0.5	5.7	31.8	3.2
27	Perennial sow-thistle	15.4	2.5	16.5	0.2	1.2	6.6	3.2
28	Night-flowering catchfly	15.2	2.4	15.5	0.2	1.4	16.6	3.2
29	Flax	1.6	0.9	55.7	0.9	54.6	156.0	2.3
30	Willow species	7.0	1.4	20.2	0.2	2.8	37.4	1.8
31	Black medick	3.5	0.9	25.8	0.4	10.8	88.4	1.5
32	Round-leaved mallow	8.3	0.9	10.5	< 0.1	0.6	2.4	1.4
33	Slough grass	3.9	0.8	21.7	0.3	6.9	34.8	1.3
34	Field violet	1.9	0.7	34.5	0.4	21.6	78.6	1.3
35	Alfalfa	3.1	1.3	42.3	0.2	5.8	17.6	1.3
36	Rough cinquefoil	5.5	0.9	16.1	0.1	2.0	13.6	1.2
37	American dragonhead	7.2	0.7	10.3	< 0.1	0.5	1.6	1.2
38	Canada fleabane	6.1	0.8	12.4	0.1	1.2	8.8	1.2
39	Stinkweed	4.7	0.8	16.0	0.1	2.0	11.4	1.0
40	Clover species	4.4	0.8	17.5	0.1	2.5	15.0	1.0
41	Pineappleweed	5.8	0.5	9.3	0.1	1.0	3.2	1.0
42	Wild mustard	4.5	0.6	14.5	< 0.1	0.9	4.6	0.9
43	Prostrate knotweed	5.2	0.5	9.3	< 0.1	0.5	1.6	0.8
44	Biennial wormwood	4.2	0.6	15.1	< 0.1	1.2	8.6	0.8
45	Rayless aster	4.9	0.5	9.4	< 0.1	0.6	1.8	0.8
46	Redroot pigweed	1.1	0.2	21.4	0.2	18.1	47.8	0.6
47	Quack grass	1.9	0.4	19.6	0.1	4.5	18.0	0.6
48	Kochia	3.1	0.3	11.1	< 0.1	0.8	3.0	0.5
49	Scouring-rush	0.6	0.2	25.2	0.2	30.3	58.8	0.5
50	Henbit	2.3	0.5	20.2	< 0.1	1.4	5.4	0.5
51	American vetch	3.2	0.3	8.8	< 0.1	0.6	1.4	0.5
52	Golden dock	1.7	0.4	24.8	0.1	3.9	17.8	0.5

(Table continued on next page)

Field Survey Summary Tables – Northeastern Saskatchewan

Table 57. 2014/15 Annual crops in Northeastern Saskatchewan (271 fields) (continued)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Barley	1.5	0.5	31.5	0.1	3.8	13.2	0.5
54	Borage	0.8	0.5	57.5	0.1	10.7	20.2	0.5
55	Pygmyflower	3.0	0.2	7.3	<0.1	0.5	2.0	0.5
56	Oak-leaved goosefoot	2.1	0.3	15.5	<0.1	1.8	4.6	0.5
57	Flixweed	2.5	0.3	10.8	<0.1	1.0	5.0	0.4
58	Oats	1.1	0.4	33.3	0.1	5.0	6.4	0.4
59	Tumble pigweed	2.3	0.2	7.0	<0.1	0.4	1.0	0.3
60	Common groundsel	1.8	0.2	12.5	<0.1	0.8	2.4	0.3
61	Prostrate pigweed	1.8	0.2	10.0	<0.1	0.5	1.0	0.3
62	Bluebur	1.8	0.1	6.2	<0.1	0.5	1.2	0.3
63	Poplar species	1.8	0.1	6.9	<0.1	0.4	1.2	0.3
64	Yellow sweet-clover	1.2	0.2	18.5	<0.1	0.7	1.2	0.3
65	Bicknell's geranium	1.5	0.1	5.0	<0.1	0.2	0.2	0.2
66	Dog mustard	0.4	0.2	60.0	<0.1	8.6	8.6	0.2
67	Rough hair grass	1.0	0.1	9.8	<0.1	1.5	2.0	0.2
68	Garden sorrel	0.3	0.1	35.0	<0.1	12.8	12.8	0.2
69	Lentil	1.1	0.1	6.6	<0.1	0.3	0.6	0.2
70	Wood whitlow-grass	0.6	0.1	17.4	<0.1	1.1	1.6	0.1
71	Wormseed mustard	0.3	0.2	50.0	<0.1	3.0	3.0	0.1
72	Small-seeded false flax	0.4	0.1	35.0	<0.1	3.2	3.2	0.1
73	Dock species	0.7	0.1	7.5	<0.1	0.3	0.4	0.1
74	Scentless chamomile	0.3	0.1	30.0	<0.1	1.4	1.4	0.1
75	Absinth	0.6	<0.1	5.0	<0.1	0.2	0.2	0.1
76	Tumble mustard	0.5	0.1	10.0	<0.1	0.6	0.6	0.1
77	Small-leaved lamb's-quarters	0.3	<0.1	10.0	<0.1	3.6	3.6	0.1
78	White cockle	0.5	<0.1	10.0	<0.1	0.4	0.4	0.1
79	Aster species	0.3	0.1	20.0	<0.1	2.2	2.2	0.1
80	Philadelphia fleabane	0.4	0.1	15.0	<0.1	1.4	1.4	0.1
81	Red goosefoot	0.5	<0.1	5.0	<0.1	0.2	0.2	0.1
82	Wild tomato	0.4	<0.1	10.0	<0.1	0.8	0.8	0.1
83	Purslane	0.3	<0.1	10.0	<0.1	0.4	0.4	0.1
84	Annual brome species	0.3	<0.1	10.0	<0.1	0.4	0.4	0.1
85	Sedge species	0.4	<0.1	5.0	<0.1	0.4	0.4	0.1
86	Spear-leaved goosefoot	0.4	<0.1	5.0	<0.1	0.4	0.4	0.1
87	Siberian elm	0.4	<0.1	5.0	<0.1	0.2	0.2	0.1
88	Clammy hedge-hyssop	0.4	<0.1	5.0	<0.1	0.2	0.2	0.1
89	Ball mustard	0.4	<0.1	5.0	<0.1	0.2	0.2	0.1
90	Persian damel	0.4	<0.1	5.0	<0.1	0.2	0.2	0.1
91	Manitoba maple	0.3	<0.1	5.0	<0.1	0.2	0.2	<0.1
92	Cow cockle	0.3	<0.1	5.0	<0.1	0.2	0.2	<0.1
93	Annual spurge species	0.3	<0.1	5.0	<0.1	0.4	0.4	<0.1
94	Cattail	0.3	<0.1	5.0	<0.1	0.2	0.2	<0.1
95	Common pepper-grass	0.3	<0.1	5.0	<0.1	0.2	0.2	<0.1

Field Survey Summary Tables – Spring wheat in Northeastern Saskatchewan

Table 58. 2014/15 Spring wheat in Northeastern Saskatchewan (85 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Wild oats	51.5	20.3	39.4	7.5	14.6	152.2	28.2
2	Wild buckwheat	71.5	28.6	40.0	4.3	6.0	56.8	27.9
3	False cleavers	66.2	25.8	38.9	3.6	5.4	26.4	24.8
4	Green foxtail	31.5	12.8	40.6	6.2	19.7	169.8	20.4
5	Barnyard grass species	21.4	8.0	37.5	7.7	36.1	271.4	20.1
6	Canola/rapeseed	50.4	19.8	39.2	2.4	4.9	27.6	18.4
7	Spiny annual sow-thistle	37.9	15.0	39.7	2.0	5.3	32.2	14.3
8	Canada thistle	54.5	12.2	22.3	1.2	2.1	28.4	13.4
9	Low cudweed	23.7	5.4	22.8	2.6	10.9	67.2	9.7
10	Dandelion	39.2	6.7	17.1	0.5	1.4	13.8	8.2
11	Hemp-nettle	27.3	6.5	23.7	1.1	4.0	32.2	7.8
12	Pale smartweed	26.6	6.7	25.0	0.8	3.1	17.4	7.3
13	Field horsetail	26.7	6.0	22.5	0.8	3.0	12.4	7.0
14	Chickweed	18.3	5.1	28.1	1.4	7.8	25.2	6.8
15	Lamb's-quarters	27.7	5.3	19.1	0.7	2.4	24.0	6.6
16	Broad-leaved plantain	24.4	5.4	22.4	0.7	2.8	22.8	6.3
17	Flax	2.9	2.0	68.1	2.7	92.7	156.0	6.1
18	Annual sow-thistle	11.1	3.5	31.8	1.3	12.1	90.2	5.2
19	Northern willowherb	22.3	4.0	17.8	0.5	2.2	17.8	5.1
20	Perennial sow-thistle	20.6	4.0	19.3	0.3	1.4	4.6	4.5
21	Foxtail barley	23.4	2.7	11.4	0.3	1.5	5.6	4.4
22	Narrow-leaved hawk's-beard	19.0	3.4	17.9	0.4	2.1	19.4	4.3
23	Shepherd's-purse	16.8	2.7	16.2	0.6	3.3	21.6	4.1
24	Marsh yellow cress	11.7	1.8	15.8	0.5	4.6	26.8	3.1
25	Stork's-bill	8.5	3.1	35.9	0.5	5.4	17.2	3.1
26	Blue grass species	4.7	1.7	35.7	1.0	20.5	54.4	3.0
27	Night-flowering catchfly	15.6	2.3	14.6	0.2	1.0	2.4	3.0
28	Slough grass	5.3	1.3	25.1	0.5	9.7	34.8	2.1
29	Purslane speedwell	9.8	1.2	12.1	0.1	1.5	4.8	1.9
30	Round-leaved mallow	9.1	1.2	12.8	0.1	0.9	2.4	1.7
31	Willow species	7.8	1.4	17.7	0.1	1.3	4.4	1.6
32	Stinkweed	4.9	1.4	29.2	0.2	5.0	11.4	1.6
33	Canada fleabane	5.6	1.3	23.2	0.2	3.0	8.8	1.5
34	Wheat	3.5	1.5	41.5	0.2	6.8	13.8	1.4
35	American dragonhead	8.8	0.6	6.9	< 0.1	0.3	0.4	1.3
36	Biennial wormwood	4.6	1.3	27.4	0.1	2.6	8.6	1.3
37	Rayless aster	5.8	0.7	12.2	< 0.1	0.6	1.8	1.0
38	Black medick	3.6	1.0	27.2	0.1	2.7	6.2	1.0
39	Oats	2.4	1.0	42.5	0.1	4.3	5.2	0.9
40	Rough cinquefoil	4.8	0.2	5.0	0.1	1.7	6.0	0.8
41	Pineappleweed	5.2	0.3	6.1	< 0.1	0.6	1.0	0.8
42	Common groundsel	3.6	0.6	16.8	< 0.1	1.1	2.4	0.7
43	Pygmyflower	3.3	0.4	11.8	< 0.1	0.6	0.8	0.6
44	Prostrate knotweed	3.3	0.3	9.9	< 0.1	0.5	0.6	0.5
45	American vetch	3.3	0.3	8.1	< 0.1	0.8	1.4	0.5
46	Kochia	3.5	0.2	5.0	< 0.1	0.2	0.2	0.5
47	Wild mustard	2.8	0.2	8.0	< 0.1	0.4	0.4	0.4
48	Field violet	2.2	0.3	12.7	< 0.1	1.3	2.2	0.4
49	Borage	1.5	0.4	30.0	< 0.1	2.6	2.6	0.4
50	Golden dock	2.3	0.3	12.2	< 0.1	0.5	0.8	0.4
51	Quack grass	1.1	0.4	35.0	< 0.1	3.6	3.6	0.4
52	Dock species	2.4	0.2	7.5	< 0.1	0.3	0.4	0.4

(Table continued on next page)

Field Survey Summary Tables – Spring wheat in Northeastern Saskatchewan

Table 58. 2014/15 Spring wheat in Northeastern Saskatchewan (85 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Bicknell's geranium	2.4	0.1	5.0	< 0.1	0.2	0.2	0.3
54	Henbit	2.1	0.1	5.0	< 0.1	0.2	0.2	0.3
55	Oak-leaved goosefoot	1.1	0.2	15.0	< 0.1	2.8	2.8	0.2
56	Philadelphia fleabane	1.2	0.2	15.0	< 0.1	1.4	1.4	0.2
57	Bluebur	1.7	0.1	5.0	< 0.1	0.2	0.2	0.2
58	Wild tomato	1.2	0.1	10.0	< 0.1	0.8	0.8	0.2
59	Purslane	1.1	0.1	10.0	< 0.1	0.4	0.4	0.2
60	Scouring-rush	1.0	0.1	10.0	< 0.1	1.0	1.0	0.2
61	Sedge species	1.2	0.1	5.0	< 0.1	0.4	0.4	0.2
62	Poplar species	1.2	0.1	5.0	< 0.1	0.2	0.2	0.2
63	Spear-leaved goosefoot	1.2	0.1	5.0	< 0.1	0.4	0.4	0.2
64	Clover species	1.2	0.1	5.0	< 0.1	0.4	0.4	0.2
65	Annual spurge species	1.0	0.1	5.0	< 0.1	0.4	0.4	0.1
66	Prostrate pigweed	1.0	0.1	5.0	< 0.1	0.2	0.2	0.1
67	Common pepper-grass	1.0	< 0.1	5.0	< 0.1	0.2	0.2	0.1

Field Survey Summary Tables – Barley in Northeastern Saskatchewan

Table 59. 2014/15 Barley in Northeastern Saskatchewan (27 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	25.7	17.4	67.6	20.0	78.0	285.4	50.3
2	Wild oats	63.3	30.4	48.0	4.2	6.7	25.2	29.4
3	Wild buckwheat	78.6	28.7	36.5	2.7	3.4	13.8	27.5
4	Canola/rapeseed	55.5	24.8	44.7	4.4	8.0	38.2	26.4
5	False cleavers	51.6	21.7	42.1	2.5	4.8	17.2	20.7
6	Chickweed	18.6	8.9	47.9	2.8	15.3	35.2	11.8
7	Pale smartweed	28.7	9.0	31.5	2.0	6.9	30.6	11.4
8	Canada thistle	43.4	9.7	22.4	0.8	1.9	7.0	11.2
9	Barnyard grass species	27.5	8.0	29.0	1.8	6.6	15.2	10.4
10	Wheat	40.3	7.9	19.5	0.7	1.7	6.4	9.7
11	Dandelion	33.1	6.2	18.8	0.7	2.1	14.4	8.2
12	Annual sow-thistle	22.4	8.0	35.5	0.9	3.8	14.0	7.9
13	Spiny annual sow-thistle	32.3	4.9	15.1	0.3	0.9	2.4	6.7
14	Stork's-bill	17.7	4.8	27.2	0.8	4.4	12.4	5.8
15	Foxtail barley	14.6	4.6	31.4	0.7	4.5	11.0	5.1
16	Northern willowherb	22.5	3.7	16.4	0.3	1.3	5.4	5.0
17	Scouring-rush	3.3	1.3	40.0	2.0	58.8	58.8	4.9
18	Shepherd's-purse	22.2	3.1	13.9	0.3	1.2	5.4	4.6
19	Broad-leaved plantain	14.4	3.1	21.8	0.3	2.4	6.6	3.8
20	Night-flowering catchfly	14.4	2.7	18.5	0.2	1.3	3.0	3.3
21	Perennial sow-thistle	18.6	1.9	10.1	0.1	0.5	0.8	3.3
22	Narrow-leaved hawk's-beard	14.1	2.2	15.5	0.2	1.2	1.6	3.0
23	Lamb's-quarters	14.7	1.3	9.0	0.1	0.4	1.0	2.5
24	Redroot pigweed	7.7	1.5	19.6	0.2	2.8	5.6	2.0
25	Low cudweed	7.6	1.1	15.0	0.3	3.7	5.8	2.0
26	Round-leaved mallow	10.1	1.2	12.0	0.1	0.7	1.4	1.9
27	Garden sorrel	3.5	1.2	35.0	0.5	12.8	12.8	1.9
28	Hemp-nettle	7.3	0.9	12.2	0.1	1.6	2.2	1.5
29	Marsh yellow cress	6.7	1.0	14.8	0.1	0.9	1.4	1.4
30	Wormseed mustard	3.3	1.7	50.0	0.1	3.0	3.0	1.3
31	Field horsetail	7.0	0.7	10.0	0.1	0.9	1.4	1.3
32	Purslane speedwell	7.4	0.6	7.7	< 0.1	0.4	0.6	1.2
33	Oats	3.8	0.6	15.0	0.2	6.4	6.4	1.2
34	Willow species	6.9	0.5	7.3	< 0.1	0.4	0.6	1.1
35	Henbit	6.5	0.3	5.0	< 0.1	0.2	0.2	1.0
36	Stinkweed	3.3	0.7	20.0	0.1	1.6	1.6	0.8
37	American dragonhead	3.5	0.7	20.0	< 0.1	1.0	1.0	0.8
38	Canada fleabane	3.3	0.7	20.0	< 0.1	1.0	1.0	0.8
39	Alfalfa	3.7	0.6	15.0	< 0.1	0.6	0.6	0.8
40	Prostrate knotweed	4.9	0.2	5.0	< 0.1	0.2	0.2	0.7
41	Rough cinquefoil	3.3	0.5	15.0	< 0.1	0.6	0.6	0.7
42	Field violet	3.5	0.4	10.0	< 0.1	0.8	0.8	0.6
43	Kochia	4.0	0.2	5.0	< 0.1	0.2	0.2	0.6
44	Pygmyflower	3.7	0.2	5.0	< 0.1	0.2	0.2	0.6
45	American vetch	3.7	0.2	5.0	< 0.1	0.2	0.2	0.6
46	Rayless aster	3.5	0.2	5.0	< 0.1	0.2	0.2	0.5
47	Absinth	3.3	0.2	5.0	< 0.1	0.2	0.2	0.5
48	Biennial wormwood	3.3	0.2	5.0	< 0.1	0.2	0.2	0.5
49	Common groundsel	3.2	0.2	5.0	< 0.1	0.2	0.2	0.5

Field Survey Summary Tables – Oat in Northeastern Saskatchewan

Table 60. 2014/15 Oat in Northeastern Saskatchewan (21 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Barnyard grass species	43.1	19.3	44.8	24.3	56.5	272.6	37.2
2	Wild oats	58.2	25.2	43.3	10.0	17.1	168.4	25.7
3	Wild buckwheat	62.1	22.5	36.2	2.8	4.5	22.2	17.5
4	Green foxtail	20.8	14.8	71.3	8.7	41.8	115.0	16.7
5	Field horsetail	26.0	13.9	53.5	6.8	26.3	77.0	14.9
6	Low cudweed	27.8	14.7	53.0	5.1	18.3	71.8	13.6
7	Canola/rapeseed	46.3	14.4	31.1	1.9	4.1	29.0	12.1
8	Pale smartweed	35.2	9.5	26.9	3.9	11.1	81.2	11.2
9	False cleavers	41.7	11.3	27.1	2.1	5.1	11.4	10.7
10	Purslane speedwell	19.4	9.2	47.1	4.5	22.9	70.2	10.0
11	Hemp-nettle	22.4	11.1	49.7	2.1	9.4	24.2	8.6
12	Canada thistle	50.7	6.9	13.7	0.6	1.2	5.8	8.5
13	Marsh yellow cress	15.2	7.0	45.9	4.1	27.0	94.6	8.4
14	Broad-leaved plantain	31.6	7.6	23.9	1.9	6.0	33.4	8.1
15	Lamb's-quarters	39.8	6.9	17.4	0.5	1.2	3.6	7.2
16	Northern willowherb	27.4	7.0	25.7	1.6	5.9	30.8	7.1
17	Narrow-leaved hawk's-beard	30.1	7.1	23.7	0.9	2.9	12.2	6.7
18	Willow species	14.5	8.5	58.4	1.9	13.0	37.4	6.5
19	Chickweed	10.6	4.4	41.5	2.3	21.4	47.2	5.1
20	Dandelion	23.2	5.7	24.3	0.5	2.1	6.6	5.0
21	Foxtail barley	14.9	5.8	38.8	0.5	3.2	4.2	4.1
22	Blue grass species	4.2	3.5	85.0	2.2	52.8	52.8	4.0
23	Wheat	26.9	2.4	9.1	0.2	0.7	2.4	3.9
24	Night-flowering catchfly	13.3	3.8	28.4	0.7	5.4	16.6	3.5
25	Quack grass	14.9	2.2	15.0	0.9	5.9	18.0	3.3
26	Shepherd's-purse	11.8	4.3	36.2	0.5	4.1	9.8	3.3
27	Wild mustard	14.5	3.7	25.5	0.3	2.3	4.6	3.2
28	Perennial sow-thistle	12.2	3.6	29.5	0.5	3.9	6.6	3.1
29	Spiny annual sow-thistle	13.4	3.2	23.8	0.4	2.7	7.4	2.9
30	Prostrate knotweed	17.3	2.3	13.5	0.1	0.7	1.6	2.8
31	Pineappleweed	15.2	1.4	9.5	0.2	1.4	3.2	2.4
32	Black medick	12.6	1.8	13.9	0.1	0.8	1.6	2.1
33	Alfalfa	3.8	2.7	70.0	0.6	15.2	15.2	2.0
34	Annual sow-thistle	9.1	1.1	12.5	0.1	0.8	1.2	1.5
35	Oak-leaved goosefoot	4.2	1.9	45.0	0.2	4.6	4.6	1.3
36	Biennial wormwood	8.4	1.0	12.5	< 0.1	0.5	0.6	1.3
37	Slough grass	10.3	0.5	5.0	< 0.1	0.2	0.2	1.3
38	Stinkweed	7.7	1.2	15.0	0.1	0.7	1.2	1.3
39	Stork's-bill	8.7	0.6	7.4	0.1	0.9	1.6	1.2
40	Pygmyflower	8.8	0.4	5.0	0.1	1.1	2.0	1.2
41	Rough cinquefoil	3.8	1.7	45.0	0.2	4.0	4.0	1.2
42	Flixweed	8.1	0.8	10.0	< 0.1	0.4	0.4	1.2
43	Round-leaved mallow	6.5	0.3	5.0	< 0.1	0.2	0.2	0.8
44	Aster species	3.8	0.8	20.0	0.1	2.2	2.2	0.8
45	Field violet	4.6	0.7	15.0	< 0.1	0.6	0.6	0.8
46	Canada fleabane	4.2	0.4	10.0	< 0.1	0.6	0.6	0.6
47	Rough hair grass	4.2	0.4	10.0	< 0.1	0.6	0.6	0.6
48	Kochia	4.2	0.2	5.0	< 0.1	0.2	0.2	0.5
49	Cow cockle	4.2	0.2	5.0	< 0.1	0.2	0.2	0.5
50	Rayless aster	4.2	0.2	5.0	< 0.1	0.2	0.2	0.5
51	Common groundsel	4.2	0.2	5.0	< 0.1	0.2	0.2	0.5
52	Yellow sweet-clover	4.2	0.2	5.0	< 0.1	0.2	0.2	0.5

(Table continued on next page)

Table 60. 2014/15 Oat in Northeastern Saskatchewan (21 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	American dragonhead	3.8	0.2	5.0	< 0.1	0.4	0.4	0.5
54	Tumble pigweed	3.8	0.2	5.0	< 0.1	0.2	0.2	0.5

Field Survey Summary Tables – Canola in Northeastern Saskatchewan

Table 61. 2014/15 Canola in Northeastern Saskatchewan (125 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Wild buckwheat	71.3	23.2	32.5	2.2	3.2	36.4	24.5
2	Wild oats	57.6	17.9	31.0	3.1	5.4	49.8	22.8
3	False cleavers	51.6	19.5	37.9	2.8	5.5	44.4	22.1
4	Spiny annual sow-thistle	33.1	8.3	25.0	4.2	12.8	373.8	18.2
5	Low cudweed	32.1	9.8	30.7	2.8	8.9	50.8	15.4
6	Broad-leaved plantain	39.0	10.3	26.5	2.3	5.9	76.0	15.0
7	Barnyard grass species	26.4	8.1	30.8	2.9	11.2	84.0	14.2
8	Chickweed	25.4	7.2	28.4	2.1	8.1	68.0	11.4
9	Green foxtail	20.5	8.8	43.2	1.5	7.5	25.0	10.3
10	Wheat	37.3	8.2	21.9	0.7	1.9	8.4	9.8
11	Shepherd's-purse	31.9	8.1	25.3	0.9	2.8	22.6	9.6
12	Northern willowherb	28.7	7.5	26.2	1.1	3.8	66.2	9.5
13	Canada thistle	35.5	6.8	19.0	0.6	1.7	9.6	8.7
14	Blue grass species	4.5	1.5	33.7	3.0	65.5	207.2	8.7
15	Canola/rapeseed	19.3	7.6	39.3	1.1	5.4	43.6	8.4
16	Field horsetail	23.8	5.3	22.5	1.2	5.0	26.0	8.2
17	Pale smartweed	27.4	6.4	23.5	0.6	2.3	14.4	7.7
18	Dandelion	31.9	4.4	13.8	0.3	0.9	11.6	6.4
19	Narrow-leaved hawk's-beard	21.0	4.5	21.5	0.7	3.4	24.0	6.3
20	Lamb's-quarters	25.0	3.9	15.6	0.3	1.0	6.2	5.3
21	Annual sow-thistle	13.1	4.0	30.9	0.6	4.3	22.0	4.8
22	Hemp-nettle	21.7	3.3	15.1	0.2	1.1	3.8	4.6
23	Stork's-bill	8.1	2.9	36.2	0.6	7.5	31.8	3.8
24	Purslane speedwell	14.2	2.0	14.1	0.2	1.8	10.6	3.2
25	Night-flowering catchfly	15.7	2.1	13.2	0.2	1.1	5.4	3.2
26	Marsh yellow cress	12.2	1.9	15.9	0.2	1.9	11.4	2.9
27	Black medick	3.0	1.0	33.3	0.7	24.6	88.4	2.7
28	Foxtail barley	9.0	1.5	16.8	0.2	2.7	19.8	2.3
29	Alfalfa	4.4	2.2	48.8	0.3	6.1	17.6	2.2
30	Perennial sow-thistle	11.8	1.3	11.2	0.1	0.6	1.6	2.1
31	Rough cinquefoil	6.5	1.3	20.0	0.2	2.4	13.6	1.7
32	Clover species	7.1	0.8	11.7	0.1	0.9	2.0	1.4
33	Round-leaved mallow	7.8	0.7	9.6	< 0.1	0.4	1.0	1.3
34	American dragonhead	7.2	0.8	11.8	< 0.1	0.6	1.6	1.3
35	Pineappleweed	6.4	0.7	11.0	0.1	1.0	3.2	1.2
36	Redroot pigweed	0.8	0.2	25.0	0.4	47.8	47.8	1.2
37	Willow species	5.9	0.6	9.4	< 0.1	0.4	1.0	1.0
38	Canada fleabane	6.1	0.5	7.5	< 0.1	0.4	1.2	1.0
39	Barley	2.4	0.8	33.6	0.1	4.6	13.2	0.9
40	Golden dock	2.1	0.7	33.8	0.1	6.4	17.8	0.9
41	Borage	0.8	0.7	90.0	0.2	20.2	20.2	0.9
42	Wild mustard	4.2	0.5	12.0	< 0.1	0.5	1.4	0.8
43	Flax	1.6	0.6	40.3	0.1	7.5	11.6	0.8
44	Rayless aster	4.5	0.4	8.3	< 0.1	0.7	1.8	0.8
45	Flixweed	3.2	0.4	11.4	< 0.1	1.4	5.0	0.7
46	Biennial wormwood	3.7	0.3	7.9	< 0.1	0.4	1.2	0.6
47	Stinkweed	3.8	0.3	7.1	< 0.1	0.4	0.8	0.6
48	Prostrate pigweed	3.2	0.4	11.1	< 0.1	0.5	1.0	0.6
49	American vetch	3.0	0.3	11.4	< 0.1	0.7	1.4	0.6
50	Oak-leaved goosefoot	3.1	0.3	8.6	< 0.1	1.0	3.4	0.5
51	Prostrate knotweed	3.2	0.3	8.7	< 0.1	0.5	1.4	0.5
52	Tumble pigweed	3.2	0.3	8.2	< 0.1	0.5	1.0	0.5

(Table continued on next page)

Field Survey Summary Tables – Canola in Northeastern Saskatchewan

Table 61. 2014/15 Canola in Northeastern Saskatchewan (125 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Kochia	1.6	0.5	29.9	<0.1	2.5	3.0	0.5
54	Poplar species	3.1	0.2	7.4	<0.1	0.4	1.2	0.5
55	Dog mustard	0.8	0.5	60.0	0.1	8.6	8.6	0.5
56	Bluebur	2.8	0.2	6.7	<0.1	0.7	1.2	0.5
57	Slough grass	2.3	0.3	11.7	<0.1	1.0	1.6	0.4
58	Lentil	2.3	0.2	6.6	<0.1	0.3	0.6	0.4
59	Henbit	1.3	0.3	25.0	<0.1	1.4	1.4	0.4
60	Wood whitlow-grass	1.4	0.2	17.4	<0.1	1.1	1.6	0.3
61	Rough hair grass	1.4	0.1	9.8	<0.1	2.0	2.0	0.3
62	Small-seeded false flax	0.8	0.3	35.0	<0.1	3.2	3.2	0.3
63	Pygmyflower	1.9	0.1	5.0	<0.1	0.2	0.2	0.3
64	Bicknell's geranium	1.6	0.1	5.0	<0.1	0.2	0.2	0.2
65	Scentless chamomile	0.7	0.2	30.0	<0.1	1.4	1.4	0.2
66	Quack grass	0.8	0.2	20.0	<0.1	1.0	1.0	0.2
67	Small-leaved lamb's-quarters	0.7	0.1	10.0	<0.1	3.6	3.6	0.2
68	Yellow sweet-clover	0.8	0.1	15.0	<0.1	0.6	0.6	0.2
69	Red goosefoot	1.1	0.1	5.0	<0.1	0.2	0.2	0.2
70	Annual brome species	0.7	0.1	10.0	<0.1	0.4	0.4	0.1
71	Siberian elm	0.8	<0.1	5.0	<0.1	0.2	0.2	0.1
72	Clammy hedge-hyssop	0.8	<0.1	5.0	<0.1	0.2	0.2	0.1
73	Ball mustard	0.8	<0.1	5.0	<0.1	0.2	0.2	0.1
74	Persian damel	0.8	<0.1	5.0	<0.1	0.2	0.2	0.1
75	Manitoba maple	0.7	<0.1	5.0	<0.1	0.2	0.2	0.1
76	Absinth	0.7	<0.1	5.0	<0.1	0.2	0.2	0.1
77	Cattail	0.7	<0.1	5.0	<0.1	0.2	0.2	0.1

Field Survey Summary Tables – West-Central Saskatchewan

Table 62. 2014/15 Annual crops in West-Central Saskatchewan (378 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	47.0	22.8	48.6	11.4	24.2	350.6	42.1
2	Canola/rapeseed	50.4	23.4	46.5	7.8	15.4	296.2	35.4
3	Wild oats	53.3	19.2	36.1	5.0	9.4	113.6	27.9
4	Narrow-leaved hawk's-beard	40.7	15.1	37.2	5.3	13.1	216.4	24.7
5	Wild buckwheat	59.7	20.0	33.4	2.0	3.3	36.2	22.9
6	Lamb's-quarters	42.0	9.9	23.6	1.3	3.2	56.4	13.9
7	Spiny annual sow-thistle	31.4	9.7	30.9	1.8	5.6	99.4	13.1
8	Canada thistle	40.6	6.4	15.8	0.6	1.5	17.4	10.3
9	Stinkweed	21.1	5.5	26.2	1.8	8.6	106.4	9.7
10	Wheat	19.4	6.8	35.2	0.9	4.8	26.2	8.2
11	False cleavers	14.3	6.1	42.5	1.1	7.6	51.4	7.4
12	Shepherd's-purse	15.2	4.3	28.1	0.7	4.6	66.4	5.8
13	Tumble pigweed	14.7	2.6	17.9	0.9	5.8	176.6	5.2
14	Dandelion	17.5	3.3	18.6	0.4	2.2	64.2	5.0
15	Barnyard grass species	10.5	2.8	26.6	0.8	8.0	96.0	4.7
16	Wild mustard	9.2	3.0	32.8	0.6	7.0	94.8	4.2
17	Kochia	14.4	2.0	13.9	0.3	2.1	52.8	3.7
18	Perennial sow-thistle	13.3	2.5	18.5	0.3	1.9	17.0	3.7
19	Northern willowherb	14.9	2.1	14.0	0.1	0.9	5.8	3.5
20	Foxtail barley	9.3	1.7	18.3	0.3	3.1	24.6	2.8
21	Low cudweed	7.7	1.5	19.3	0.4	4.7	38.6	2.6
22	Canada fleabane	9.6	1.4	14.8	0.1	1.2	9.2	2.3
23	Annual spurge species	8.6	1.3	14.9	0.2	2.2	28.6	2.3
24	Redroot pigweed	7.3	1.4	19.3	0.2	2.6	12.2	2.2
25	Russian thistle	6.6	1.1	17.3	0.1	1.6	11.2	1.7
26	Barley	3.8	1.3	33.5	0.2	6.1	26.4	1.7
27	Annual sow-thistle	3.7	1.1	31.4	0.3	7.3	52.8	1.7
28	Lentil	5.4	1.0	18.2	0.1	1.3	9.0	1.4
29	Persian damel	2.3	0.7	32.0	0.3	13.6	65.2	1.3
30	Biennial wormwood	6.3	0.6	9.6	< 0.1	0.8	9.4	1.3
31	Flixweed	4.7	0.8	16.3	0.1	2.2	17.2	1.3
32	Pale smartweed	4.7	0.8	17.6	0.1	1.7	6.8	1.3
33	Flax	1.1	0.8	73.4	0.3	27.5	61.2	1.2
34	Hemp-nettle	4.7	0.7	15.2	0.1	1.4	9.4	1.2
35	Annual brome species	2.5	0.6	24.2	0.2	9.5	47.0	1.2
36	Prostrate knotweed	6.0	0.5	7.9	< 0.1	0.4	2.0	1.2
37	Quack grass	0.7	0.3	45.8	0.4	56.2	133.6	1.1
38	Willow species	5.6	0.5	8.9	< 0.1	0.4	1.4	1.1
39	Round-leaved mallow	5.2	0.5	10.2	< 0.1	0.6	2.8	1.1
40	Rough hair grass	3.1	0.7	23.6	0.1	2.9	12.6	1.0
41	Common groundsel	2.3	0.7	30.6	0.1	6.3	22.8	1.0
42	Purslane speedwell	3.4	0.5	14.6	0.1	2.1	22.2	0.9
43	Rough cinquefoil	3.6	0.4	12.3	< 0.1	0.9	6.4	0.8
44	Pygmyflower	3.9	0.3	8.3	< 0.1	0.6	4.2	0.8
45	American vetch	4.1	0.3	6.4	< 0.1	0.4	1.8	0.8
46	Scouring-rush	2.0	0.5	24.5	0.1	3.8	9.4	0.7
47	Chickweed	2.5	0.3	11.0	0.1	2.8	26.8	0.6
48	Yellow sweet-clover	1.0	0.5	46.3	0.1	11.3	43.4	0.6
49	Alfalfa	1.3	0.4	26.4	0.1	6.9	35.0	0.6
50	Broad-leaved plantain	2.5	0.3	11.9	< 0.1	0.9	4.2	0.6
51	Black medick	1.1	0.3	30.0	0.1	10.6	41.2	0.6
52	Common pepper-grass	2.6	0.3	10.9	< 0.1	0.6	1.6	0.5

(Table continued on next page)

Table 62. 2014/15 Annual crops in West-Central Saskatchewan (378 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Field horsetail	1.0	0.2	17.2	0.1	11.1	26.8	0.5
54	Prostrate pigweed	2.0	0.3	13.4	<0.1	1.2	3.8	0.5
55	White mustard	0.2	0.2	100.0	0.2	64.2	64.2	0.5
56	Rayless aster	2.3	0.2	7.9	<0.1	0.6	1.6	0.4
57	Golden dock	2.0	0.2	7.8	<0.1	0.5	1.8	0.4
58	Field pea	1.8	0.2	10.5	<0.1	0.7	1.8	0.4
59	Night-flowering catchfly	1.3	0.2	14.8	<0.1	2.5	8.6	0.4
60	Goat's-beard	1.7	0.2	8.9	<0.1	0.5	1.2	0.3
61	Marsh yellow cress	1.6	0.2	11.2	<0.1	0.7	1.8	0.3
62	Prickly lettuce	1.4	0.2	11.8	<0.1	0.8	1.4	0.3
63	Cow cockle	1.3	0.1	9.4	<0.1	0.8	1.6	0.3
64	Purslane	0.4	0.1	22.5	0.1	15.9	31.6	0.2
65	Wild tomato	0.7	0.1	11.1	<0.1	1.4	3.6	0.2
66	Pineappleweed	0.8	0.1	10.6	<0.1	0.5	0.8	0.2
67	Poplar species	0.8	0.1	8.2	<0.1	0.3	0.4	0.2
68	American dragonhead	0.8	0.1	6.7	<0.1	0.4	0.8	0.2
69	Siberian elm	0.7	0.1	10.1	<0.1	0.7	1.6	0.1
70	Slough grass	0.6	<0.1	5.0	<0.1	1.1	2.0	0.1
71	Bluebur	0.5	<0.1	7.5	<0.1	0.6	0.6	0.1
72	Oats	0.3	<0.1	15.0	<0.1	5.8	5.8	0.1
73	Rose species	0.6	<0.1	5.0	<0.1	0.3	0.6	0.1
74	Dock species	0.5	<0.1	5.0	<0.1	0.2	0.2	0.1
75	Scentless chamomile	0.2	<0.1	25.0	<0.1	6.6	6.6	0.1
76	Green tansy mustard	0.3	0.1	20.0	<0.1	1.0	1.0	0.1
77	Canary grass	0.3	0.1	25.0	<0.1	1.2	1.2	0.1
78	Oak-leaved goosefoot	0.2	0.1	25.0	<0.1	2.8	2.8	0.1
79	Tartary buckwheat	0.3	0.1	20.0	<0.1	1.0	1.0	0.1
80	Soybean	0.3	<0.1	10.0	<0.1	3.0	3.0	0.1
81	Absinth	0.3	<0.1	10.0	<0.1	0.4	0.4	0.1
82	Smooth brome	0.3	<0.1	5.0	<0.1	1.0	1.0	0.1
83	Skeletonweed	0.2	<0.1	20.0	<0.1	1.2	1.2	0.1
84	Yellow toadflax	0.3	<0.1	5.0	<0.1	0.2	0.2	0.1
85	Manitoba maple	0.3	<0.1	5.0	<0.1	0.2	0.2	0.1
86	Spear-leaved goosefoot	0.3	<0.1	5.0	<0.1	0.4	0.4	0.1
87	Wormseed mustard	0.3	<0.1	5.0	<0.1	0.4	0.4	0.1
88	Russian pigweed	0.3	<0.1	5.0	<0.1	0.2	0.2	0.1
89	Milk-vetch species	0.3	<0.1	5.0	<0.1	0.2	0.2	0.1
90	Dog mustard	0.3	<0.1	5.0	<0.1	0.8	0.8	<0.1
91	Povertyweed	0.3	<0.1	5.0	<0.1	0.4	0.4	<0.1
92	Clover species	0.2	<0.1	5.0	<0.1	0.4	0.4	<0.1
93	Meadow brome	0.2	<0.1	5.0	<0.1	0.8	0.8	<0.1
94	Wood whitlow-grass	0.2	<0.1	15.0	<0.1	0.6	0.6	<0.1
95	Blue lettuce	0.2	<0.1	5.0	<0.1	1.4	1.4	<0.1
96	Beggarticks species	0.2	<0.1	5.0	<0.1	0.2	0.2	<0.1
97	Cattail	0.2	<0.1	5.0	<0.1	0.6	0.6	<0.1
98	Sedge species	0.2	<0.1	5.0	<0.1	0.2	0.2	<0.1
99	Scouler's popcomflower	0.2	<0.1	5.0	<0.1	0.4	0.4	<0.1
100	Stork's-bill	0.2	<0.1	5.0	<0.1	0.2	0.2	<0.1

Field Survey Summary Tables – Spring wheat in West-Central Saskatchewan

Table 63. 2014/15 Spring wheat in West-Central Saskatchewan (117 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	55.2	29.9	54.2	18.5	33.5	350.6	46.2
2	Canola/rapeseed	57.4	24.2	42.2	7.4	12.8	207.0	27.9
3	Wild buckwheat	72.9	29.7	40.7	3.1	4.2	36.2	25.7
4	Narrow-leaved hawk's-beard	49.9	18.0	36.1	7.3	14.7	216.4	24.3
5	Wild oats	53.3	22.0	41.4	5.1	9.6	91.0	23.1
6	Spiny annual sow-thistle	44.5	12.9	28.9	3.3	7.5	99.4	15.6
7	Canada thistle	56.6	10.4	18.4	1.0	1.8	17.4	12.8
8	Stinkweed	20.0	7.9	39.7	4.5	22.7	106.4	12.4
9	Lamb's-quarters	43.6	10.5	24.0	1.4	3.3	30.4	11.8
10	False cleavers	23.9	11.0	46.1	2.3	9.7	51.4	10.9
11	Shepherd's-purse	24.1	6.6	27.4	1.3	5.4	66.4	7.6
12	Dandelion	25.6	5.7	22.3	0.6	2.2	12.2	6.3
13	Barnyard grass species	12.2	4.8	39.2	1.8	14.8	96.0	6.1
14	Tumble pigweed	13.5	2.3	17.1	1.8	13.6	176.6	5.3
15	Northern willowherb	23.9	3.4	14.3	0.3	1.1	5.8	4.7
16	Foxtail barley	15.9	3.6	22.7	0.6	4.1	24.6	4.4
17	Perennial sow-thistle	13.5	2.9	21.7	0.4	2.8	17.0	3.4
18	Low cudweed	11.9	2.0	16.7	0.6	5.4	38.6	3.2
19	Wild mustard	6.3	2.0	31.1	1.0	16.2	94.8	3.1
20	Canada fleabane	14.5	2.0	13.9	0.2	1.3	7.6	2.9
21	Annual spurge species	9.2	1.4	15.5	0.3	3.1	28.6	2.1
22	Annual sow-thistle	6.1	2.0	33.1	0.3	5.7	17.4	2.1
23	Flixweed	6.3	1.9	30.0	0.3	4.8	17.2	2.0
24	Hemp-nettle	9.7	1.3	13.3	0.1	1.0	4.4	1.9
25	Persian damel	4.6	1.4	30.7	0.4	9.1	39.0	1.8
26	Pale smartweed	6.5	1.6	25.0	0.2	2.4	6.8	1.7
27	Round-leaved mallow	9.1	1.0	10.8	0.1	0.6	2.0	1.6
28	Annual brome species	3.4	0.9	27.2	0.5	15.7	47.0	1.6
29	Rough hair grass	4.3	1.6	36.5	0.2	5.7	12.6	1.5
30	Willow species	9.3	0.8	8.5	< 0.1	0.4	1.4	1.5
31	Kochia	7.4	0.9	12.2	0.1	1.5	6.0	1.5
32	Redroot pigweed	5.6	0.9	16.8	0.1	2.4	10.4	1.3
33	Flax	0.9	0.8	90.0	0.5	61.2	61.2	1.2
34	Biennial wormwood	7.4	0.6	8.1	< 0.1	0.3	0.6	1.2
35	Prostrate knotweed	7.2	0.6	7.7	< 0.1	0.4	1.0	1.2
36	Pygmyflower	7.5	0.5	6.2	< 0.1	0.3	0.6	1.1
37	White mustard	0.8	0.8	100.0	0.5	64.2	64.2	1.1
38	Lentil	4.2	1.1	26.4	0.1	2.3	9.0	1.1
39	Rough cinquefoil	4.6	0.8	17.6	0.1	1.7	6.4	1.0
40	Barley	2.0	0.9	47.1	0.3	12.8	23.6	1.0
41	Field horsetail	1.4	0.5	35.0	0.4	26.8	26.8	0.9
42	Common groundsel	1.9	0.9	45.0	0.2	10.9	21.0	0.9
43	Chickweed	5.4	0.4	7.3	< 0.1	0.5	1.2	0.9
44	Broad-leaved plantain	3.8	0.7	18.6	0.1	1.7	4.2	0.9
45	Wheat	2.6	0.8	31.0	0.1	4.8	8.8	0.8
46	Golden dock	5.0	0.4	7.2	< 0.1	0.3	1.2	0.8
47	Russian thistle	3.6	0.4	11.7	0.1	1.7	4.6	0.7
48	Rayless aster	3.6	0.3	9.3	< 0.1	0.7	1.4	0.6
49	Field pea	3.4	0.4	12.2	< 0.1	0.8	1.8	0.6
50	Marsh yellow cress	3.0	0.3	11.1	< 0.1	0.6	0.8	0.5
51	Purslane speed well	2.5	0.3	13.7	< 0.1	1.4	2.0	0.5
52	Scouring-rush	2.1	0.2	11.6	0.1	2.5	3.0	0.4

(Table continued on next page)

Field Survey Summary Tables – Spring wheat in West-Central Saskatchewan

Table 63. 2014/15 Spring wheat in West-Central Saskatchewan (117 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	American vetch	2.5	0.2	9.0	<0.1	0.5	1.0	0.4
54	Prostrate pigweed	2.4	0.2	8.5	<0.1	0.6	1.0	0.4
55	Pineappleweed	1.6	0.2	10.9	<0.1	0.6	0.8	0.3
56	Night-flowering catchfly	1.0	0.3	30.0	<0.1	1.8	1.8	0.3
57	Alfalfa	0.8	0.3	45.0	<0.1	3.2	3.2	0.3
58	American dragonhead	1.8	0.1	5.0	<0.1	0.2	0.2	0.3
59	Quack grass	1.4	0.1	7.7	<0.1	1.9	2.6	0.3
60	Common pepper-grass	1.4	0.1	7.3	<0.1	0.3	0.4	0.2
61	Siberian elm	1.5	0.1	5.0	<0.1	0.2	0.2	0.2
62	Scentless chamomile	0.6	0.2	25.0	<0.1	6.6	6.6	0.2
63	Tartary buckwheat	0.9	0.2	20.0	<0.1	1.0	1.0	0.2
64	Oak-leaved goosefoot	0.7	0.2	25.0	<0.1	2.8	2.8	0.2
65	Cow cockle	1.0	<0.1	5.0	<0.1	1.6	1.6	0.2
66	Smooth brome	1.0	<0.1	5.0	<0.1	1.0	1.0	0.2
67	Bluebur	0.9	0.1	10.0	<0.1	0.6	0.6	0.2
68	Manitoba maple	1.0	<0.1	5.0	<0.1	0.2	0.2	0.1
69	Spear-leaved goosefoot	1.0	<0.1	5.0	<0.1	0.4	0.4	0.1
70	Slough grass	1.0	<0.1	5.0	<0.1	0.2	0.2	0.1
71	Wild tomato	0.9	<0.1	5.0	<0.1	0.2	0.2	0.1
72	Beggarticks species	0.8	<0.1	5.0	<0.1	0.2	0.2	0.1
73	Sedge species	0.7	<0.1	5.0	<0.1	0.2	0.2	0.1
74	Rose species	0.6	<0.1	5.0	<0.1	0.2	0.2	0.1

Field Survey Summary Tables – Durum in West-Central Saskatchewan

Table 64. 2014/15 Durum in West-Central Saskatchewan (42 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Canola/rapeseed	28.4	17.7	62.5	22.0	77.5	296.2	73.9
2	Green foxtail	25.4	10.3	40.7	8.0	31.5	173.2	34.5
3	Wild oats	38.9	9.8	25.3	2.1	5.4	36.2	24.2
4	Lamb's-quarters	30.9	7.7	24.9	2.5	8.1	56.4	21.0
5	Wild buckwheat	36.5	9.2	25.1	0.6	1.8	8.8	19.6
6	Spiny annual sow-thistle	22.5	9.1	40.5	1.8	7.8	25.8	18.4
7	Tumble pigweed	30.0	5.8	19.3	0.6	2.2	11.6	14.7
8	Wild mustard	16.7	5.8	34.8	0.7	4.3	10.0	11.5
9	False cleavers	6.4	3.4	53.1	1.2	19.4	46.0	7.7
10	Canada thistle	16.4	2.3	14.2	0.3	1.6	3.4	7.1
11	Stinkweed	13.7	1.7	12.7	0.3	2.5	10.4	5.9
12	Annual sow-thistle	2.4	2.2	95.0	1.2	52.8	52.8	5.5
13	Narrow-leaved hawk's-beard	7.2	3.1	42.4	0.3	4.2	6.0	5.5
14	Perennial sow-thistle	9.3	1.9	20.5	0.2	2.0	6.0	4.6
15	Wheat	7.4	1.9	25.1	0.4	5.3	7.6	4.6
16	Kochia	13.1	1.1	8.2	0.1	0.5	0.6	4.6
17	Foxtail barley	9.5	0.7	7.4	0.4	3.8	9.6	3.9
18	Russian thistle	7.4	1.4	18.6	0.1	1.3	2.0	3.5
19	Lentil	9.7	0.7	7.4	< 0.1	0.3	0.6	3.2
20	Barnyard grass species	1.7	1.5	85.0	0.6	32.6	32.6	3.1
21	Annual spurge species	7.3	0.5	6.8	< 0.1	0.5	0.6	2.4
22	Annual brome species	2.4	1.1	45.0	0.3	12.2	12.2	2.3
23	Shepherd's-purse	4.1	1.0	24.2	0.1	2.8	3.8	2.2
24	Redroot pigweed	4.6	0.6	12.5	0.1	3.2	5.0	2.1
25	Dandelion	4.7	0.4	7.5	< 0.1	0.3	0.4	1.6
26	Northern willowherb	2.6	0.8	30.0	< 0.1	1.4	1.4	1.5
27	American vetch	4.6	0.2	5.0	< 0.1	0.2	0.2	1.4
28	Common groundsel	2.4	0.4	15.0	< 0.1	2.0	2.0	1.0
29	Prickly lettuce	2.3	0.3	15.0	< 0.1	1.4	1.4	1.0
30	Cow cockle	2.3	0.3	15.0	< 0.1	1.2	1.2	1.0
31	Low cudweed	2.6	0.3	10.0	< 0.1	0.4	0.4	0.9
32	Field pea	2.3	0.2	10.0	< 0.1	0.6	0.6	0.9
33	Dog mustard	2.3	0.1	5.0	< 0.1	0.8	0.8	0.7
34	Persian damel	2.3	0.1	5.0	< 0.1	0.2	0.2	0.7
35	Povertyweed	2.3	0.1	5.0	< 0.1	0.4	0.4	0.7
36	Pale smartweed	1.7	0.2	10.0	< 0.1	0.4	0.4	0.6
37	Alfalfa	1.5	0.1	10.0	< 0.1	0.4	0.4	0.5
38	Round-leaved mallow	1.5	0.1	5.0	< 0.1	0.2	0.2	0.5
39	Rose species	1.5	0.1	5.0	< 0.1	0.2	0.2	0.5
40	Stork's-bill	1.5	0.1	5.0	< 0.1	0.2	0.2	0.5

Field Survey Summary Tables – Barley in West-Central Saskatchewan

Table 65. 2014/15 Barley in West-Central Saskatchewan (26 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	63.1	32.6	51.6	20.5	32.5	261.4	65.2
2	Canola/rapeseed	68.5	40.0	58.3	11.4	16.6	69.6	52.8
3	Wild oats	57.9	12.7	21.9	2.2	3.8	20.0	19.5
4	Narrow-leaved hawk's-beard	42.8	13.8	32.2	2.8	6.4	27.4	18.8
5	Wild buckwheat	62.9	12.1	19.2	0.9	1.4	9.6	17.5
6	Dandelion	19.5	8.2	41.8	2.5	12.9	64.2	12.0
7	Tumble pigweed	20.5	7.0	34.1	2.0	9.8	38.2	10.5
8	Lamb's-quarters	34.6	5.9	17.2	0.5	1.5	7.2	9.3
9	Redroot pigweed	21.2	5.9	27.6	0.8	4.0	12.2	7.9
10	Canada thistle	34.6	4.1	11.8	0.3	0.8	2.2	7.8
11	Spiny annual sow-thistle	27.7	4.5	16.1	0.5	1.8	7.0	7.4
12	Kochia	7.3	1.7	23.4	2.1	28.6	52.8	5.9
13	Black medick	3.9	3.9	100.0	1.6	41.2	41.2	5.7
14	Wheat	14.9	4.1	27.6	0.4	2.3	9.2	5.1
15	Barnyard grass species	20.7	2.7	13.2	0.3	1.3	2.6	5.0
16	Wild mustard	8.4	3.7	44.5	0.6	6.7	14.2	4.3
17	Scouring-rush	6.1	4.3	70.0	0.6	9.4	9.4	4.3
18	Alfalfa	3.4	2.7	80.0	1.2	35.0	35.0	4.2
19	Stinkweed	15.1	1.4	9.1	0.1	0.5	0.8	3.1
20	Purslane	3.0	1.2	40.0	0.9	31.6	31.6	2.8
21	Perennial sow-thistle	13.7	1.0	7.4	< 0.1	0.4	0.6	2.7
22	Annual spurge species	9.5	1.6	16.8	0.1	0.9	1.0	2.4
23	Northern willowherb	9.5	1.4	14.7	0.1	0.6	0.8	2.3
24	Prostrate pigweed	6.8	1.7	25.0	0.1	2.0	3.8	2.2
25	Pale smartweed	10.0	0.7	6.9	< 0.1	0.3	0.4	1.9
26	Rough cinquefoil	6.1	1.5	25.0	0.1	1.2	1.2	1.9
27	Round-leaved mallow	7.6	1.0	12.8	< 0.1	0.5	0.6	1.7
28	Shepherd's-purse	8.2	0.8	10.2	< 0.1	0.4	0.6	1.7
29	Foxtail barley	7.3	0.9	13.0	< 0.1	0.6	1.0	1.7
30	False cleavers	6.8	0.7	10.6	< 0.1	0.7	1.4	1.5
31	Oats	4.3	0.6	15.0	0.2	5.8	5.8	1.4
32	Purslane speedwell	7.8	0.4	5.0	< 0.1	0.4	0.6	1.4
33	Russian thistle	5.9	0.8	12.8	< 0.1	0.7	0.8	1.4
34	Pygmyflower	3.4	1.0	30.0	0.1	4.2	4.2	1.3
35	Night-flowering catchfly	3.9	0.6	15.0	< 0.1	1.2	1.2	1.0
36	Annual brome species	3.9	0.4	10.0	< 0.1	0.8	0.8	0.8
37	Willow species	3.4	0.3	10.0	< 0.1	0.4	0.4	0.7
38	Biennial wormwood	3.9	0.2	5.0	< 0.1	0.2	0.2	0.7
39	American vetch	3.9	0.2	5.0	< 0.1	0.2	0.2	0.7
40	Meadow brome	3.4	0.2	5.0	< 0.1	0.8	0.8	0.6
41	Lentil	3.6	0.2	5.0	< 0.1	0.2	0.2	0.6
42	Prostrate knotweed	2.6	0.1	5.0	< 0.1	0.2	0.2	0.5

Field Survey Summary Tables – Canola in West-Central Saskatchewan

Table 66. 2014/15 Canola in West-Central Saskatchewan (99 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Wild oats	55.8	23.9	42.8	7.6	13.7	113.6	40.6
2	Green foxtail	42.1	21.2	50.3	6.6	15.6	170.6	34.4
3	Canola/rapeseed	57.1	22.2	38.8	2.8	4.9	51.6	26.4
4	Wild buckwheat	59.7	20.6	34.5	1.9	3.3	25.8	23.5
5	Narrow-leaved hawk's-beard	38.2	13.1	34.3	3.6	9.4	59.6	21.6
6	Wheat	39.0	16.9	43.3	2.5	6.5	26.2	20.5
7	Lamb's-quarters	50.6	12.9	25.6	1.2	2.5	24.6	16.6
8	Spiny annual sow-thistle	29.2	10.8	37.1	1.3	4.5	27.2	12.9
9	False cleavers	19.3	8.3	43.0	0.9	4.5	12.4	9.0
10	Canada thistle	34.5	5.2	14.9	0.4	1.0	4.6	8.1
11	Stinkweed	24.4	5.2	21.3	0.8	3.2	25.8	8.0
12	Shepherd's-purse	17.3	3.9	22.6	0.3	1.9	4.8	5.2
13	Northern willowherb	23.1	3.0	12.8	0.2	0.7	2.4	5.0
14	Perennial sow-thistle	12.4	3.0	24.5	0.3	2.5	11.8	4.0
15	Kochia	17.5	2.3	13.0	0.2	1.0	5.6	3.9
16	Tumble pigweed	14.9	2.3	15.8	0.3	1.9	11.4	3.9
17	Wild mustard	7.4	2.7	36.1	0.5	6.4	22.2	3.6
18	Low cudweed	10.3	2.2	20.9	0.4	4.2	20.4	3.6
19	Barnyard grass species	10.0	1.7	16.5	0.3	3.0	15.8	3.0
20	Persian damel	2.2	1.1	48.0	0.7	31.4	65.2	2.8
21	Dandelion	14.0	1.1	8.1	0.1	0.4	1.4	2.6
22	Annual spurge species	7.0	1.5	21.3	0.3	3.6	13.6	2.4
23	Redroot pigweed	8.7	1.2	14.3	0.1	1.6	6.4	2.2
24	Barley	6.0	1.6	27.2	0.2	3.2	13.4	2.2
25	Lentil	6.6	1.6	24.7	0.1	1.9	8.4	2.0
26	Biennial wormwood	8.4	0.9	11.0	0.1	1.5	9.4	1.9
27	Flax	2.0	1.2	60.9	0.3	17.0	28.0	1.8
28	Russian thistle	7.9	1.0	12.4	0.1	0.8	3.0	1.7
29	Purslane speedwell	4.7	0.9	19.6	0.2	4.2	22.2	1.7
30	Pale smartweed	6.0	1.0	15.8	0.1	1.7	4.8	1.6
31	Rough hair grass	6.5	1.0	15.3	0.1	1.0	3.2	1.5
32	Foxtail barley	4.8	1.0	20.6	0.1	2.5	8.2	1.5
33	Canada fleabane	7.5	0.7	8.8	< 0.1	0.5	1.0	1.4
34	Chickweed	3.2	0.6	18.5	0.2	7.4	26.8	1.4
35	Willow species	7.0	0.7	10.0	< 0.1	0.5	1.2	1.4
36	Annual sow-thistle	4.8	1.0	21.1	0.1	1.6	4.4	1.3
37	Prostrate knotweed	6.5	0.4	5.9	< 0.1	0.2	0.4	1.1
38	Annual brome species	2.9	0.6	22.2	0.1	4.9	6.6	1.1
39	Hemp-nettle	4.4	0.5	11.0	< 0.1	0.8	2.6	0.9
40	Broad-leaved plantain	5.3	0.3	6.1	< 0.1	0.2	0.4	0.9
41	Common pepper-grass	4.2	0.4	10.2	< 0.1	0.5	0.8	0.8
42	American vetch	5.0	0.3	5.0	< 0.1	0.2	0.2	0.8
43	Rough cinquefoil	4.8	0.2	5.0	< 0.1	0.2	0.2	0.8
44	Round-leaved mallow	3.7	0.2	6.4	< 0.1	0.9	2.8	0.7
45	Rayless aster	3.9	0.2	5.9	< 0.1	0.2	0.4	0.7
46	Flixweed	3.2	0.3	10.4	< 0.1	0.6	1.2	0.6
47	Marsh yellow cress	2.6	0.3	11.4	< 0.1	0.7	1.8	0.5
48	Wild tomato	1.8	0.3	14.7	< 0.1	2.1	3.6	0.5
49	Night-flowering catchfly	1.1	0.1	10.0	0.1	8.6	8.6	0.4
50	Pygmyflower	2.0	0.2	7.9	< 0.1	0.4	0.6	0.4
51	Common groundsel	2.2	0.1	5.0	< 0.1	0.2	0.2	0.4
52	Poplar species	2.0	0.1	7.1	< 0.1	0.3	0.4	0.4

(Table continued on next page)

Field Survey Summary Tables – Canola in West-Central Saskatchewan

Table 66. 2014/15 Canola in West-Central Saskatchewan (99 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Prostrate pigweed	2.1	0.1	5.0	<0.1	0.2	0.2	0.3
54	Soybean	1.1	0.1	10.0	<0.1	3.0	3.0	0.3
55	Scouring-rush	1.6	0.1	5.0	<0.1	0.2	0.2	0.3
56	Siberian elm	0.9	0.2	20.0	<0.1	1.6	1.6	0.3
57	Field horsetail	1.5	0.1	5.0	<0.1	0.2	0.2	0.3
58	Slough grass	1.1	0.1	5.0	<0.1	2.0	2.0	0.2
59	Absinth	1.1	0.1	10.0	<0.1	0.4	0.4	0.2
60	American dragonhead	1.1	0.1	10.0	<0.1	0.8	0.8	0.2
61	Yellow toadflax	1.2	0.1	5.0	<0.1	0.2	0.2	0.2
62	Wormseed mustard	1.1	0.1	5.0	<0.1	0.4	0.4	0.2
63	Bluebur	1.1	0.1	5.0	<0.1	0.6	0.6	0.2
64	Golden dock	1.1	0.1	5.0	<0.1	0.2	0.2	0.2
65	Black medick	1.1	0.1	5.0	<0.1	0.2	0.2	0.2
66	Field pea	1.1	0.1	5.0	<0.1	0.2	0.2	0.2
67	Cow cockle	1.0	0.1	5.0	<0.1	0.2	0.2	0.2
68	Alfalfa	0.8	0.1	10.0	<0.1	0.4	0.4	0.1
69	Cattail	0.8	<0.1	5.0	<0.1	0.6	0.6	0.1
70	Purslane	0.8	<0.1	5.0	<0.1	0.2	0.2	0.1

Field Survey Summary Tables – Lentil in West-Central Saskatchewan

Table 67. 2014/15 Lentil in West-Central Saskatchewan (50 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Canola/rapeseed	42.0	23.9	56.9	5.9	13.9	92.0	51.8
2	Narrow-leaved hawk's-beard	34.5	15.0	43.4	5.4	15.6	87.4	41.2
3	Wild oats	56.7	16.5	29.1	3.5	6.1	56.0	38.8
4	Green foxtail	35.8	14.3	40.0	3.9	10.8	62.0	34.5
5	Wild buckwheat	37.5	10.1	26.9	1.2	3.3	21.0	20.5
6	Wheat	25.5	5.4	21.1	0.4	1.7	8.6	11.1
7	Canada thistle	30.0	3.6	11.9	0.3	1.1	4.0	10.2
8	Kochia	28.3	4.1	14.4	0.2	0.8	2.0	9.7
9	Stinkweed	19.1	3.4	17.9	0.3	1.3	4.0	7.6
10	Spiny annual sow-thistle	16.2	3.6	22.2	0.3	1.8	9.0	7.3
11	Lamb's-quarters	21.7	2.6	12.2	0.2	0.8	2.4	7.1
12	Perennial sow-thistle	21.9	2.4	10.8	0.2	0.8	3.0	6.9
13	Wild mustard	10.7	3.0	28.1	0.3	2.6	7.4	5.7
14	Dandelion	14.0	2.4	17.2	0.1	0.9	1.8	5.2
15	Barnyard grass species	7.0	1.5	21.3	0.4	6.3	13.2	4.4
16	Canada fleabane	9.4	2.0	20.7	0.2	1.7	9.2	4.1
17	Russian thistle	7.5	2.0	26.5	0.2	3.0	6.8	4.0
18	Goat's-beard	10.7	1.0	9.6	0.1	0.5	1.2	3.2
19	Shepherd's-purse	3.8	1.1	29.3	0.2	5.8	12.8	2.6
20	Prickly lettuce	8.0	0.9	11.0	0.1	0.7	1.2	2.5
21	Yellow sweet-clover	2.3	1.1	50.0	0.1	5.2	5.2	1.8
22	Redroot pigweed	2.6	0.9	35.0	0.1	4.6	4.6	1.7
23	Tumble pigweed	5.8	0.4	6.1	< 0.1	0.2	0.4	1.5
24	Annual spurge species	5.2	0.3	6.2	< 0.1	0.8	1.8	1.4
25	Round-leaved mallow	3.9	0.6	15.0	< 0.1	1.0	1.0	1.4
26	Biennial wormwood	5.6	0.3	5.0	< 0.1	0.2	0.2	1.4
27	Pygmyflower	4.4	0.3	7.6	< 0.1	0.6	1.0	1.2
28	Willow species	3.0	0.3	9.3	< 0.1	0.5	0.8	0.9
29	Canary grass	1.9	0.5	25.0	< 0.1	1.2	1.2	0.9
30	Barley	2.1	0.2	10.0	0.1	2.6	2.6	0.8
31	Low cudweed	2.1	0.3	15.0	< 0.1	1.2	1.2	0.8
32	Cow cockle	2.3	0.3	15.0	< 0.1	0.6	0.6	0.8
33	Pineappleweed	2.1	0.2	10.0	< 0.1	0.4	0.4	0.6
34	Field pea	2.0	0.2	10.0	< 0.1	0.6	0.6	0.6
35	Black medick	2.3	0.1	5.0	< 0.1	0.2	0.2	0.6
36	Prostrate knotweed	2.1	0.1	5.0	< 0.1	0.2	0.2	0.5
37	Purslane speedwell	1.3	0.3	20.0	< 0.1	1.0	1.0	0.5
38	Night-flowering catchfly	1.7	0.2	10.0	< 0.1	0.4	0.4	0.5
39	Common groundsel	2.0	0.1	5.0	< 0.1	0.4	0.4	0.5
40	Clover species	1.8	0.1	5.0	< 0.1	0.4	0.4	0.5
41	American vetch	1.7	0.1	5.0	< 0.1	0.6	0.6	0.4
42	Dock species	1.8	0.1	5.0	< 0.1	0.2	0.2	0.4
43	Wood whitlow-grass	1.3	0.2	15.0	< 0.1	0.6	0.6	0.4
44	Annual brome species	1.3	0.1	5.0	< 0.1	2.4	2.4	0.4
45	Pale smartweed	1.7	0.1	5.0	< 0.1	0.4	0.4	0.4
46	Flixweed	1.3	0.1	5.0	< 0.1	0.2	0.2	0.3
47	Northern willowherb	1.3	0.1	5.0	< 0.1	0.2	0.2	0.3

Field Survey Summary Tables – Pea in West-Central Saskatchewan

Table 68. 2014/15 Pea in West-Central Saskatchewan (27 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Narrow-leaved hawk's-beard	69.0	31.4	45.5	15.1	21.9	153.2	48.8
2	Wild oats	68.0	26.1	38.4	8.6	12.7	78.4	34.7
3	Canola/rapeseed	51.3	28.3	55.2	9.0	17.5	70.0	34.3
4	Green foxtail	56.8	22.5	39.6	5.6	9.8	57.4	26.4
5	Wild buckwheat	67.2	17.3	25.8	1.6	2.3	11.2	18.2
6	Lamb's-quarters	54.4	10.4	19.2	1.3	2.3	20.6	13.2
7	Shepherd's-purse	24.9	12.9	51.7	2.5	10.0	35.8	12.9
8	Wheat	35.0	12.2	34.9	1.5	4.4	15.0	12.1
9	Canada thistle	55.2	8.7	15.7	0.9	1.7	12.2	12.0
10	Spiny annual sow-thistle	34.6	12.3	35.5	1.4	4.0	18.6	11.8
11	Stinkweed	23.8	7.3	30.9	1.3	5.7	23.8	8.4
12	Barley	12.1	6.7	55.4	1.3	10.7	26.4	6.6
13	Canada fleabane	22.9	4.8	21.0	0.4	1.8	6.6	5.5
14	Common groundsel	8.3	5.0	60.0	1.0	12.3	22.8	4.9
15	Wild mustard	11.8	3.9	33.1	0.6	4.7	12.8	4.0
16	Dandelion	20.8	2.8	13.6	0.1	0.7	2.0	4.0
17	Low cudweed	8.3	3.1	37.5	0.6	7.4	13.8	3.4
18	Hemp-nettle	8.3	2.7	32.5	0.4	4.9	9.4	2.9
19	Prostrate knotweed	16.3	1.2	7.4	0.1	0.4	0.6	2.6
20	Annual spurge species	14.5	1.3	8.8	0.1	0.6	1.0	2.5
21	Barnyard grass species	12.6	1.3	10.2	0.2	1.5	2.2	2.4
22	Russian thistle	13.6	1.3	9.4	0.1	0.4	0.6	2.3
23	Lentil	11.7	1.7	14.8	0.1	0.7	1.6	2.3
24	Kochia	6.6	2.0	30.0	0.1	2.2	4.2	1.9
25	False cleavers	8.3	1.7	20.0	0.1	1.2	2.2	1.9
26	Flixweed	12.0	0.6	5.0	<0.1	0.3	0.4	1.8
27	Biennial wormwood	7.8	1.5	19.0	0.1	1.0	2.0	1.7
28	Yellow sweet-clover	6.6	1.4	20.6	0.1	1.4	2.2	1.5
29	Redroot pigweed	6.3	0.9	14.0	0.2	2.5	5.0	1.4
30	Purslane speedwell	7.1	0.9	12.4	0.1	0.9	1.6	1.3
31	Perennial sow-thistle	2.5	1.4	55.0	0.2	7.0	7.0	1.2
32	Foxtail barley	5.9	0.6	11.0	<0.1	0.6	0.8	1.0
33	Common pepper-grass	4.1	0.8	20.0	0.1	1.4	1.4	1.0
34	Green tansy mustard	4.1	0.8	20.0	<0.1	1.0	1.0	0.9
35	American vetch	4.1	0.4	10.0	0.1	1.8	1.8	0.8
36	Golden dock	3.3	0.5	15.0	0.1	1.8	1.8	0.7
37	Northern willowherb	4.1	0.4	10.0	<0.1	0.4	0.4	0.7
38	Rough cinquefoil	4.1	0.2	5.0	<0.1	0.2	0.2	0.6
39	Russian pigweed	4.1	0.2	5.0	<0.1	0.2	0.2	0.6
40	Annual sow-thistle	4.1	0.2	5.0	<0.1	0.2	0.2	0.6
41	Willow species	4.1	0.2	5.0	<0.1	0.2	0.2	0.6
42	Dock species	4.1	0.2	5.0	<0.1	0.2	0.2	0.6
43	Blue lettuce	2.9	0.1	5.0	<0.1	1.4	1.4	0.5
44	Night-flowering catchfly	3.3	0.2	5.0	<0.1	0.2	0.2	0.5
45	Rayless aster	2.5	0.2	10.0	<0.1	1.6	1.6	0.5
46	Rose species	2.9	0.1	5.0	<0.1	0.6	0.6	0.4
47	Alfalfa	2.9	0.1	5.0	<0.1	0.2	0.2	0.4
48	Scouler's popcomflower	2.5	0.1	5.0	<0.1	0.4	0.4	0.4
49	Rough hair grass	2.4	0.1	5.0	<0.1	0.2	0.2	0.3

Field Survey Summary Tables – East-Central Saskatchewan

Table 69. 2014/15 Annual crops in East-Central Saskatchewan (503 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	49.8	21.5	43.2	10.9	21.8	642.4	46.5
2	Wild oats	53.6	19.2	35.8	4.2	7.8	118.6	28.0
3	Wild buckwheat	72.3	19.8	27.4	1.7	2.4	38.8	24.3
4	Canola/rapeseed	46.0	17.2	37.4	2.9	6.4	105.6	22.7
5	Canada thistle	48.1	9.6	20.0	1.0	2.0	29.4	13.8
6	Dandelion	39.3	9.2	23.4	0.9	2.3	30.2	12.3
7	False cleavers	34.2	7.8	22.9	1.2	3.6	132.4	11.8
8	Spiny annual sow-thistle	27.8	6.5	23.3	1.0	3.6	67.0	9.7
9	Shepherd's-purse	24.7	5.9	23.9	1.2	4.9	96.8	9.5
10	Lamb's-quarters	26.8	5.0	18.7	0.8	2.9	95.8	8.1
11	Broad-leaved plantain	22.4	4.6	20.6	0.9	3.9	88.0	7.7
12	Wheat	18.4	5.1	27.9	0.9	5.0	108.0	7.5
13	Chickweed	11.9	3.8	32.0	1.3	10.7	138.4	6.9
14	Perennial sow-thistle	22.5	4.8	21.3	0.5	2.3	47.2	6.8
15	Barnyard grass species	20.3	3.7	18.4	0.6	3.1	42.6	6.2
16	Round-leaved mallow	21.6	4.3	20.0	0.4	2.0	17.8	6.2
17	Foxtail barley	18.2	3.8	21.0	0.6	3.1	40.2	5.9
18	Narrow-leaved hawk's-beard	15.9	3.0	19.1	0.4	2.6	41.2	4.7
19	Pale smartweed	15.2	2.6	16.8	0.5	3.1	56.8	4.6
20	Kochia	11.2	2.0	18.1	0.6	5.0	128.0	4.0
21	Hemp-nettle	11.4	2.6	22.5	0.3	2.9	28.0	3.7
22	Flax	6.0	2.6	43.4	0.5	8.9	45.0	3.6
23	Stinkweed	10.4	2.2	21.0	0.3	3.2	32.2	3.4
24	Black medick	9.1	2.3	25.1	0.3	3.2	25.2	3.1
25	Night-flowering catchfly	9.1	1.9	20.6	0.4	3.9	67.6	3.1
26	Biennial wormwood	10.7	1.8	16.6	0.2	2.3	47.8	3.0
27	Wild mustard	5.4	1.8	33.4	0.4	6.7	63.0	2.6
28	Redroot pigweed	8.8	1.5	16.9	0.2	2.0	14.8	2.4
29	Prostrate knotweed	8.2	1.4	16.8	0.2	1.9	15.2	2.2
30	Yellow sweet-clover	2.3	0.9	39.2	0.5	20.0	130.6	2.0
31	Field horsetail	7.7	1.1	13.7	0.1	1.8	18.4	1.9
32	Annual brome species	3.3	1.1	31.5	0.3	9.9	49.0	1.9
33	Northern willowherb	5.9	1.1	19.3	0.1	1.9	21.0	1.7
34	Clover species	4.2	0.7	17.8	0.1	3.2	42.6	1.3
35	Annual sow-thistle	3.2	0.9	29.5	0.1	3.7	16.2	1.2
36	Canada fleabane	4.9	0.7	13.6	0.1	1.3	9.6	1.2
37	Rough cinquefoil	3.3	0.5	14.9	0.1	3.2	41.4	1.0
38	Russian thistle	3.8	0.5	13.8	< 0.1	1.2	6.8	0.9
39	Low cudweed	2.6	0.4	15.6	0.1	3.3	26.8	0.8
40	Annual spurge species	3.7	0.4	12.0	< 0.1	0.6	3.0	0.8
41	Rayless aster	2.9	0.5	16.8	< 0.1	1.4	4.8	0.7
42	Stork's-bill	2.9	0.4	13.3	< 0.1	1.6	10.6	0.7
43	Oak-leaved goosefoot	3.1	0.3	11.0	< 0.1	1.2	3.4	0.7
44	Pennsylvania pellitory	0.4	0.3	75.0	0.1	33.7	58.0	0.6
45	Pineappleweed	1.9	0.4	20.1	< 0.1	2.4	6.4	0.6
46	Barley	2.4	0.3	12.2	< 0.1	0.8	3.4	0.5
47	Alfalfa	1.8	0.3	19.4	< 0.1	1.8	7.8	0.5
48	Scentless chamomile	1.3	0.3	22.9	< 0.1	2.6	12.0	0.4
49	Tumble pigweed	2.1	0.2	9.5	< 0.1	0.6	2.0	0.4
50	Flixweed	1.7	0.2	10.5	< 0.1	1.2	6.0	0.4
51	American vetch	1.9	0.2	8.6	< 0.1	0.5	1.8	0.4
52	Quack grass	1.7	0.2	11.7	< 0.1	0.7	1.2	0.3

(Table continued on next page)

Table 69. 2014/15 Annual crops in East-Central Saskatchewan (503 fields) (continued)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Blue grass species	0.6	0.2	28.6	0.1	10.7	31.8	0.3
54	Scouring-rush	0.4	0.2	37.5	0.1	15.9	29.4	0.3
55	American dragonhead	1.0	0.2	21.3	<0.1	1.5	5.2	0.3
56	Prostrate pigweed	1.2	0.1	11.1	<0.1	0.7	2.8	0.3
57	Lentil	1.1	0.2	15.2	<0.1	0.9	1.6	0.2
58	Dock species	1.0	0.1	8.0	<0.1	0.5	1.2	0.2
59	Spear-leaved goosefoot	0.9	0.1	9.2	<0.1	0.9	2.2	0.2
60	Golden dock	0.6	0.1	18.4	<0.1	1.7	4.2	0.2
61	Rose species	0.8	0.1	10.1	<0.1	0.7	1.2	0.2
62	White mustard	0.4	0.1	27.5	<0.1	2.4	3.0	0.1
63	Dog mustard	0.8	0.1	6.2	<0.1	0.4	0.6	0.1
64	Prickly lettuce	0.8	0.1	6.2	<0.1	0.3	0.4	0.1
65	Oats	0.2	0.1	35.0	<0.1	12.8	12.8	0.1
66	Common pepper-grass	0.8	0.1	6.3	<0.1	0.3	0.4	0.1
67	Willow species	0.4	0.1	30.0	<0.1	2.5	4.8	0.1
68	Field violet	0.2	0.1	65.0	<0.1	9.6	9.6	0.1
69	Cattail	0.8	<0.1	5.0	<0.1	0.5	0.8	0.1
70	Chickpea	0.2	0.1	55.0	<0.1	5.0	5.0	0.1
71	Bluebur	0.6	0.1	8.9	<0.1	0.9	2.0	0.1
72	Absinth	0.6	0.1	11.6	<0.1	0.7	1.4	0.1
73	Field pea	0.5	0.1	12.3	<0.1	0.8	1.8	0.1
74	Common groundsel	0.6	<0.1	6.5	<0.1	0.5	0.6	0.1
75	Thyme-leaved sandwort	0.4	0.1	15.0	<0.1	2.8	5.0	0.1
76	Rough hair grass	0.4	0.1	17.3	<0.1	1.5	2.6	0.1
77	Purslane speedwell	0.5	<0.1	7.8	<0.1	0.4	0.6	0.1
78	Manitoba maple	0.4	<0.1	10.1	<0.1	0.9	1.2	0.1
79	Cow cockle	0.4	<0.1	7.4	<0.1	0.6	1.0	0.1
80	Slough grass	0.4	<0.1	7.5	<0.1	0.4	0.6	0.1
81	Pygmyflower	0.4	<0.1	5.0	<0.1	0.6	0.6	0.1
82	Bicknell's geranium	0.4	<0.1	5.0	<0.1	0.2	0.2	0.1
83	Marsh yellow cress	0.3	<0.1	5.0	<0.1	0.4	0.6	0.1
84	Philadelphia fleabane	0.2	<0.1	20.0	<0.1	1.6	1.6	0.1
85	Goat's-beard	0.2	<0.1	10.6	<0.1	0.6	0.8	<0.1
86	Russian pigweed	0.2	<0.1	15.0	<0.1	0.6	0.6	<0.1
87	Wild licorice	0.2	<0.1	10.0	<0.1	1.4	1.4	<0.1
88	Timothy	0.2	<0.1	15.0	<0.1	0.6	0.6	<0.1
89	Sunflower species	0.2	<0.1	10.0	<0.1	0.8	0.8	<0.1
90	Persian damel	0.2	<0.1	5.0	<0.1	0.6	0.6	<0.1
91	Aster species	0.2	<0.1	5.0	<0.1	0.2	0.2	<0.1
92	Blue lettuce	0.2	<0.1	10.0	<0.1	0.4	0.4	<0.1
93	Nuttall's alkali grass	0.2	<0.1	5.0	<0.1	0.6	0.6	<0.1
94	Corn	0.2	<0.1	5.0	<0.1	0.2	0.2	<0.1
95	Atriplex species	0.2	<0.1	5.0	<0.1	0.2	0.2	<0.1
96	Goldenrod species	0.2	<0.1	5.0	<0.1	0.2	0.2	<0.1
97	Witch grass	0.2	<0.1	5.0	<0.1	0.2	0.2	<0.1
98	Small-leaved lamb's-quarters	0.2	<0.1	5.0	<0.1	0.2	0.2	<0.1
99	Milk-vetch species	0.2	<0.1	5.0	<0.1	0.2	0.2	<0.1
100	Striate knotweed	0.1	<0.1	5.0	<0.1	0.2	0.2	<0.1

Field Survey Summary Tables – Spring wheat in East-Central Saskatchewan

Table 70. 2014/15 Spring wheat in East-Central Saskatchewan (144 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	45.4	21.9	48.2	16.0	35.3	642.4	54.4
2	Canola/rapeseed	63.3	20.8	32.9	3.2	5.0	48.4	26.1
3	Wild oats	47.0	18.0	38.2	4.1	8.7	118.6	24.7
4	Wild buckwheat	72.6	20.0	27.5	1.8	2.5	32.0	23.7
5	Canada thistle	59.6	13.5	22.7	1.2	2.1	17.8	17.4
6	Dandelion	43.1	11.3	26.2	1.3	3.1	30.2	14.3
7	False cleavers	40.0	8.3	20.7	1.1	2.6	27.2	11.8
8	Broad-leaved plantain	26.6	5.8	21.7	1.8	6.8	88.0	10.6
9	Foxtail barley	28.2	6.5	23.1	0.9	3.1	28.0	9.0
10	Spiny annual sow-thistle	29.1	6.4	21.9	0.6	2.1	12.6	8.4
11	Round-leaved mallow	24.3	5.1	21.0	0.6	2.3	10.2	7.0
12	Perennial sow-thistle	23.4	5.0	21.3	0.5	2.3	15.6	6.8
13	Shepherd's-purse	17.9	3.9	21.7	0.9	4.9	49.0	6.3
14	Hemp-nettle	17.8	4.3	23.9	0.6	3.2	15.0	5.8
15	Lamb's-quarters	21.8	4.0	18.1	0.4	1.7	11.6	5.7
16	Chickweed	12.6	3.7	29.2	0.7	5.5	29.8	5.1
17	Narrow-leaved hawk's-beard	16.4	3.4	20.8	0.4	2.6	14.0	4.8
18	Pale smartweed	16.7	2.5	14.7	0.5	2.8	37.6	4.5
19	Night-flowering catchfly	9.0	2.2	24.7	0.8	8.7	67.6	4.1
20	Flax	5.0	2.7	54.2	0.6	12.2	28.8	3.4
21	Barnyard grass species	12.8	1.6	12.4	0.3	2.6	25.8	3.2
22	Yellow sweet-clover	2.7	1.2	44.9	1.0	36.5	130.6	3.2
23	Prostrate knotweed	10.6	2.2	20.4	0.3	2.4	15.2	3.0
24	Biennial wormwood	13.8	1.6	11.6	0.2	1.2	6.2	3.0
25	Redroot pigweed	9.5	1.8	18.4	0.2	2.6	14.8	2.7
26	Kochia	10.1	1.6	15.9	0.1	1.4	5.2	2.4
27	Wild mustard	5.4	2.1	38.9	0.3	5.2	22.2	2.4
28	Stinkweed	8.5	1.2	14.4	0.1	1.6	7.2	2.0
29	Field horsetail	8.2	1.0	11.8	0.1	1.0	2.4	1.7
30	Canada fleabane	6.5	1.0	15.9	0.1	1.7	9.6	1.6
31	Black medick	4.9	1.3	25.5	0.1	2.4	5.8	1.5
32	Pennsylvania pellitory	0.8	0.7	95.0	0.4	58.0	58.0	1.5
33	Rough cinquefoil	1.4	0.8	58.6	0.3	21.1	41.4	1.3
34	Wheat	3.0	0.9	28.7	0.1	3.3	5.8	1.1
35	Scouring-rush	1.5	0.6	37.5	0.2	15.9	29.4	1.1
36	Annual brome species	1.4	0.5	37.5	0.2	17.1	23.8	1.0
37	Rayless aster	3.6	0.6	18.1	0.1	2.1	4.8	1.0
38	Russian thistle	4.5	0.5	11.8	<0.1	1.0	3.6	0.9
39	Northern willowherb	4.3	0.6	13.9	<0.1	0.7	1.4	0.9
40	Annual spurge species	4.5	0.4	9.8	<0.1	0.6	1.8	0.9
41	Tumble pigweed	3.8	0.4	10.8	<0.1	0.7	2.0	0.8
42	Stork's-bill	2.4	0.4	17.8	0.1	3.4	10.6	0.7
43	Clover species	2.7	0.5	18.3	<0.1	1.4	2.6	0.7
44	Oak-leaved goosefoot	2.1	0.3	13.1	<0.1	1.6	3.4	0.5
45	Oats	0.8	0.3	35.0	0.1	12.8	12.8	0.5
46	Chickpea	0.8	0.5	55.0	<0.1	5.0	5.0	0.4
47	Dock species	2.0	0.2	10.2	<0.1	0.6	1.2	0.4
48	Annual sow-thistle	1.4	0.3	17.5	<0.1	0.7	1.0	0.3
49	Pineappleweed	1.4	0.2	15.2	<0.1	1.4	2.4	0.3
50	Scentless chamomile	1.2	0.2	14.3	<0.1	1.5	2.4	0.3
51	American vetch	1.4	0.1	10.0	<0.1	0.8	1.2	0.3
52	Low cudweed	1.4	0.1	5.0	<0.1	1.2	2.4	0.3

(Table continued on next page)

Field Survey Summary Tables – Spring wheat in East-Central Saskatchewan

Table 70. 2014/15 Spring wheat in East-Central Saskatchewan (144 fields) (continued)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Prickly lettuce	1.6	0.1	5.0	<0.1	0.3	0.4	0.3
54	Spear-leaved goosefoot	1.2	0.1	11.6	<0.1	1.1	2.2	0.3
55	White mustard	0.8	0.2	25.0	<0.1	3.0	3.0	0.2
56	Dog mustard	1.5	0.1	5.0	<0.1	0.4	0.6	0.2
57	Barley	1.4	0.1	5.0	<0.1	0.7	0.8	0.2
58	Flixweed	1.2	0.1	7.2	<0.1	0.3	0.4	0.2
59	Marsh yellow cress	1.2	0.1	5.0	<0.1	0.4	0.6	0.2
60	Philadelphia fleabane	0.7	0.1	20.0	<0.1	1.6	1.6	0.2
61	American dragonhead	0.7	0.1	15.0	<0.1	1.0	1.0	0.2
62	Cow cockle	0.7	0.1	10.0	<0.1	1.0	1.0	0.1
63	Blue grass species	0.7	0.1	10.0	<0.1	1.0	1.0	0.1
64	Purslane speedwell	0.7	0.1	10.0	<0.1	0.6	0.6	0.1
65	Golden dock	0.7	0.1	10.0	<0.1	0.4	0.4	0.1
66	Persian damel	0.8	<0.1	5.0	<0.1	0.6	0.6	0.1
67	Prostrate pigweed	0.8	<0.1	5.0	<0.1	0.6	0.6	0.1
68	Blue lettuce	0.6	0.1	10.0	<0.1	0.4	0.4	0.1
69	Pygmyflower	0.7	<0.1	5.0	<0.1	0.6	0.6	0.1
70	Nuttall's alkali grass	0.7	<0.1	5.0	<0.1	0.6	0.6	0.1
71	Absinth	0.7	<0.1	5.0	<0.1	0.2	0.2	0.1
72	Common pepper-grass	0.7	<0.1	5.0	<0.1	0.2	0.2	0.1
73	Willow species	0.7	<0.1	5.0	<0.1	0.2	0.2	0.1
74	Manitoba maple	0.7	<0.1	5.0	<0.1	0.6	0.6	0.1
75	Field pea	0.7	<0.1	5.0	<0.1	0.2	0.2	0.1
76	Quack grass	0.7	<0.1	5.0	<0.1	0.2	0.2	0.1
77	Rose species	0.6	<0.1	5.0	<0.1	0.4	0.4	0.1

Field Survey Summary Tables – Durum in East-Central Saskatchewan

Table 71. 2014/15 Durum in East-Central Saskatchewan (11 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	91.0	43.7	48.0	11.9	13.1	49.4	51.6
2	Wild oats	64.5	28.5	44.2	8.5	13.2	30.8	35.6
3	Wild buckwheat	100.0	29.0	29.0	2.9	2.9	14.4	29.6
4	Canola/rapeseed	82.0	29.4	35.9	3.9	4.7	17.6	29.4
5	Perennial sow-thistle	45.7	20.9	45.8	5.9	12.9	47.2	25.3
6	Shepherd's-purse	37.1	10.4	28.1	8.8	23.7	96.8	25.2
7	Stinkweed	44.5	15.4	34.6	3.2	7.1	24.2	17.7
8	Lamb's-quarters	82.6	12.3	14.9	1.1	1.3	8.0	16.9
9	Spiny annual sow-thistle	8.4	4.2	50.0	4.1	49.0	49.0	10.5
10	Round-leaved mallow	46.1	5.0	10.9	0.4	0.9	2.0	8.3
11	Canada thistle	45.5	2.3	5.0	0.1	0.3	0.8	6.6
12	Barnyard grass species	27.4	4.6	16.8	0.4	1.6	3.2	6.0
13	Kochia	27.0	3.6	13.3	0.3	1.1	2.6	5.3
14	Annual sow-thistle	18.0	4.5	25.0	0.3	1.9	2.2	4.7
15	Pale smartweed	27.7	2.3	8.4	0.2	0.7	1.2	4.6
16	Dandelion	18.0	4.1	22.5	0.2	1.3	1.4	4.3
17	Alfalfa	18.0	3.2	17.5	0.2	1.1	1.8	3.8
18	False cleavers	9.0	3.6	40.0	0.6	7.0	7.0	3.8
19	Narrow-leaved hawk's-beard	18.0	2.7	15.0	0.1	0.8	1.0	3.5
20	Wild mustard	9.0	1.8	20.0	0.2	1.8	1.8	2.1
21	Flax	9.0	0.9	10.0	< 0.1	0.4	0.4	1.5
22	Cattail	9.0	0.5	5.0	< 0.1	0.4	0.4	1.3
23	Foxtail barley	9.0	0.5	5.0	< 0.1	0.2	0.2	1.3
24	Annual brome species	9.0	0.5	5.0	< 0.1	0.2	0.2	1.3

Field Survey Summary Tables – Barley in East-Central Saskatchewan

Table 72. 2014/15 Barley in East-Central Saskatchewan (54 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	51.5	18.3	35.5	16.8	32.7	610.6	43.7
2	Canola/rapeseed	66.5	27.6	41.4	4.7	7.1	41.8	27.7
3	Wild oats	59.7	23.0	38.5	5.0	8.4	44.2	25.6
4	Wild buckwheat	69.1	20.4	29.5	2.1	3.0	29.8	20.4
5	Canada thistle	64.7	14.8	22.9	1.5	2.3	13.2	16.4
6	False cleavers	33.0	10.9	33.0	4.2	12.6	132.4	15.8
7	Dandelion	43.5	13.3	30.6	1.4	3.2	21.4	13.2
8	Chickweed	16.7	7.6	45.6	2.3	13.8	77.6	9.2
9	Spiny annual sow-thistle	38.8	7.5	19.4	0.6	1.7	10.2	8.8
10	Foxtail barley	26.0	6.6	25.3	1.2	4.8	40.2	8.0
11	Shepherd's-purse	25.1	6.6	26.5	1.0	3.9	19.2	7.5
12	Wild mustard	9.9	5.9	59.2	1.8	17.9	63.0	6.8
13	Narrow-leaved hawk's-beard	21.0	4.9	23.5	1.2	5.8	41.2	6.7
14	Pale smartweed	19.3	3.8	19.8	1.5	8.0	56.8	6.6
15	Lamb's-quarters	20.8	4.7	22.6	1.2	5.9	51.2	6.6
16	Barnyard grass species	20.4	5.1	24.8	1.0	5.0	29.2	6.3
17	Wheat	12.7	4.6	36.2	1.6	12.3	62.2	6.2
18	Perennial sow-thistle	21.0	5.7	27.3	0.6	2.9	11.6	6.0
19	Broad-leaved plantain	23.3	3.7	16.0	0.8	3.3	16.4	5.7
20	Round-leaved mallow	25.3	4.1	16.4	0.4	1.6	5.4	5.4
21	Hemp-nettle	9.6	4.3	44.8	0.5	5.4	10.2	3.9
22	Biennial wormwood	14.3	3.6	25.1	0.4	2.5	8.2	3.8
23	Night-flowering catchfly	10.6	4.2	39.8	0.4	4.1	10.2	3.8
24	Stinkweed	9.6	2.7	28.6	0.4	4.7	21.2	3.1
25	Redroot pigweed	10.7	2.3	21.2	0.2	2.3	8.2	2.6
26	Kochia	11.4	1.4	12.1	0.2	1.8	9.4	2.3
27	Black medick	5.9	1.5	26.1	0.4	7.1	19.2	2.1
28	Yellow sweet-clover	5.5	2.0	36.1	0.3	5.0	14.2	2.0
29	Prostrate knotweed	5.8	1.7	28.7	0.3	5.7	13.4	2.0
30	Clover species	9.2	1.1	12.5	0.2	1.8	6.4	1.9
31	Flax	5.7	2.0	34.0	0.2	3.2	4.8	1.8
32	Stork's-bill	8.1	1.4	17.2	0.2	1.9	5.0	1.8
33	Blue grass species	1.7	1.2	70.0	0.6	31.8	31.8	1.7
34	Alfalfa	3.7	1.7	47.1	0.2	5.2	7.8	1.5
35	Field horsetail	9.8	0.6	6.2	0.1	0.6	1.2	1.5
36	American dragonhead	3.8	1.5	39.7	0.1	3.1	5.2	1.3
37	Flixweed	3.9	0.7	17.7	0.1	3.1	6.0	1.0
38	Rayless aster	5.0	0.7	13.1	0.1	1.0	2.4	1.0
39	Prostrate pigweed	5.6	0.3	5.0	<0.1	0.2	0.2	0.8
40	Rough cinquefoil	3.9	0.4	10.1	<0.1	0.9	1.6	0.7
41	Annual brome species	3.6	0.2	5.0	0.1	2.3	4.4	0.6
42	Canada fleabane	3.8	0.4	9.7	<0.1	0.6	1.0	0.6
43	Annual spurge species	3.8	0.3	7.5	<0.1	0.3	0.4	0.6
44	Spear-leaved goosefoot	3.2	0.3	9.2	<0.1	1.2	1.4	0.6
45	Prickly lettuce	3.6	0.3	7.5	<0.1	0.3	0.4	0.6
46	Rose species	1.9	0.4	20.0	<0.1	1.2	1.2	0.4
47	Scentless chamomile	1.9	0.4	20.0	<0.1	1.4	1.4	0.4
48	Russian pigweed	1.8	0.3	15.0	<0.1	0.6	0.6	0.4
49	Timothy	1.8	0.3	15.0	<0.1	0.6	0.6	0.3
50	Quack grass	1.9	0.2	10.0	<0.1	0.6	0.6	0.3
51	Northern willowherb	2.0	0.1	5.0	<0.1	0.2	0.2	0.3
52	Russian thistle	1.9	0.1	5.0	<0.1	0.4	0.4	0.3

(Table continued on next page)

Field Survey Summary Tables – Barley in East-Central Saskatchewan

Table 72. 2014/15 Barley in East-Central Saskatchewan (54 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Bicknell's geranium	1.9	0.1	5.0	< 0.1	0.2	0.2	0.3
54	Common pepper-grass	1.9	0.1	5.0	< 0.1	0.2	0.2	0.3
55	Dog mustard	1.8	0.1	5.0	< 0.1	0.2	0.2	0.3
56	Atriplex species	1.8	0.1	5.0	< 0.1	0.2	0.2	0.3
57	Dock species	1.8	0.1	5.0	< 0.1	0.2	0.2	0.3
58	Small-leaved lamb's-quarters	1.7	0.1	5.0	< 0.1	0.2	0.2	0.2

Field Survey Summary Tables – Oat in East-Central Saskatchewan

Table 73. 2014/15 Oat in East-Central Saskatchewan (48 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	53.6	31.0	57.8	16.9	31.5	187.0	73.9
2	Wild oats	50.0	17.9	35.8	4.5	9.1	84.4	31.6
3	Wild buckwheat	60.1	19.3	32.2	1.5	2.4	10.0	25.9
4	Canola/rapeseed	28.6	12.7	44.5	3.1	10.8	65.6	21.0
5	Canada thistle	32.9	8.5	25.9	1.3	3.9	29.4	14.2
6	Chickweed	11.1	4.2	37.7	2.2	20.3	79.8	10.5
7	Dandelion	30.0	5.6	18.5	0.5	1.7	10.8	9.8
8	Lamb's-quarters	10.8	6.9	63.5	1.1	10.3	16.6	9.1
9	Barnyard grass species	19.2	5.6	29.4	0.9	4.6	11.2	9.0
10	Broad-leaved plantain	24.1	4.5	18.8	0.6	2.4	12.8	8.3
11	Perennial sow-thistle	20.1	3.4	16.7	0.3	1.2	4.2	6.1
12	False cleavers	19.3	3.7	19.2	0.2	1.1	2.0	6.0
13	Wheat	20.1	2.7	13.6	0.2	1.1	3.6	5.6
14	Foxtail barley	17.4	2.6	14.9	0.4	2.4	10.4	5.6
15	Pale smartweed	11.5	2.9	25.0	0.4	3.8	18.0	4.9
16	Shepherd's-purse	13.6	2.8	20.3	0.3	2.1	4.8	4.8
17	Round-leaved mallow	13.2	2.1	15.9	0.2	1.3	4.4	3.9
18	Spiny annual sow-thistle	16.7	1.4	8.2	0.1	0.5	1.0	3.8
19	Hemp-nettle	13.2	1.5	11.6	0.2	1.5	28.0	3.6
20	Stinkweed	11.1	1.0	9.2	0.1	1.0	2.6	2.8
21	Black medick	6.2	1.8	28.7	0.2	2.5	5.0	2.5
22	Clover species	8.6	1.0	12.0	0.1	1.4	22.6	2.4
23	Narrow-leaved hawk's-beard	11.3	0.6	5.0	< 0.1	0.3	0.8	2.3
24	Annual sow-thistle	4.6	1.7	37.5	0.2	3.6	5.0	2.3
25	Barley	6.6	1.4	20.6	0.1	1.4	3.4	2.2
26	Redroot pigweed	6.2	1.3	20.6	0.1	2.2	4.8	2.2
27	Field horsetail	8.4	0.8	10.0	0.1	1.0	2.4	2.1
28	Wild mustard	6.9	0.9	13.4	0.1	2.0	5.0	2.1
29	Russian thistle	4.3	1.2	28.4	0.2	4.2	6.8	2.0
30	Night-flowering catchfly	8.8	0.4	5.0	< 0.1	0.2	0.4	1.8
31	Pennsylvania pellitory	2.3	1.3	55.0	0.2	9.4	9.4	1.8
32	American vetch	6.5	0.5	8.2	< 0.1	0.3	0.6	1.5
33	Biennial wormwood	3.1	0.8	25.0	0.2	5.2	10.2	1.4
34	Northern willowherb	4.5	0.8	16.8	0.1	1.1	2.0	1.4
35	Pineappleweed	2.1	0.9	45.0	0.1	4.2	4.2	1.2
36	Oak-leaved goosefoot	4.2	0.5	12.5	< 0.1	0.9	1.2	1.1
37	Yellow sweet-clover	2.0	0.9	45.0	0.1	2.6	2.6	1.0
38	White mustard	2.3	0.7	30.0	< 0.1	1.8	1.8	0.9
39	Prostrate knotweed	4.5	0.2	5.0	< 0.1	0.3	0.4	0.9
40	Quack grass	2.5	0.6	25.0	< 0.1	1.2	1.2	0.9
41	Low cudweed	4.1	0.2	5.0	< 0.1	0.6	1.0	0.9
42	Stork's-bill	2.5	0.4	15.0	< 0.1	0.6	0.6	0.7
43	Flixweed	2.3	0.2	10.0	< 0.1	0.8	0.8	0.6
44	Canada fleabane	2.3	0.2	10.0	< 0.1	0.6	0.6	0.6
45	Common pepper-grass	2.3	0.2	10.0	< 0.1	0.4	0.4	0.5
46	Alfalfa	2.1	0.1	5.0	< 0.1	1.6	1.6	0.5
47	Cow cockle	2.3	0.1	5.0	< 0.1	0.2	0.2	0.5
48	Rose species	2.3	0.1	5.0	< 0.1	0.2	0.2	0.5
49	Kochia	1.6	0.2	15.0	< 0.1	0.6	0.6	0.4
50	Cattail	2.1	0.1	5.0	< 0.1	0.2	0.2	0.4
51	Flax	2.1	0.1	5.0	< 0.1	0.2	0.2	0.4
52	Goat's-beard	0.3	< 0.1	15.0	< 0.1	0.8	0.8	0.1

(Table continued on next page)

Field Survey Summary Tables – Oat in East-Central Saskatchewan

Table 73. 2014/15 Oat in East-Central Saskatchewan (48 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Blue grass species	0.3	< 0.1	5.0	< 0.1	0.4	0.4	0.1

Field Survey Summary Tables – Canola in East-Central Saskatchewan

Table 74. 2014/15 Canola in East-Central Saskatchewan (194 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	44.6	16.8	37.6	4.9	11.0	90.6	33.5
2	Wild oats	54.7	18.4	33.6	3.8	6.9	96.4	31.7
3	Wild buckwheat	76.6	20.0	26.1	1.7	2.2	38.8	28.2
4	Canola/rapeseed	21.9	9.3	42.6	1.9	8.5	105.6	15.1
5	Wheat	27.8	8.3	30.0	1.5	5.4	108.0	14.0
6	False cleavers	37.6	8.8	23.5	1.0	2.8	36.6	14.0
7	Spiny annual sow-thistle	24.7	6.9	28.1	1.5	6.2	67.0	12.9
8	Dandelion	42.0	8.1	19.3	0.6	1.5	25.6	12.8
9	Shepherd's-purse	30.6	7.1	23.1	1.0	3.2	47.2	11.8
10	Canada thistle	38.1	5.4	14.3	0.5	1.3	19.8	10.1
11	Chickweed	12.7	3.5	27.9	1.5	11.7	138.4	9.1
12	Lamb's-quarters	31.8	4.8	15.2	0.5	1.5	23.0	8.8
13	Kochia	12.1	2.9	24.1	1.2	10.1	128.0	7.7
14	Broad-leaved plantain	22.6	4.7	20.8	0.5	2.2	20.4	7.6
15	Barnyard grass species	23.9	4.1	17.0	0.4	1.7	10.4	7.0
16	Flax	7.8	3.8	49.0	0.9	11.1	45.0	6.4
17	Round-leaved mallow	17.9	4.1	23.0	0.4	2.4	17.8	6.4
18	Perennial sow-thistle	19.9	3.2	15.9	0.2	1.1	5.2	5.3
19	Biennial wormwood	10.5	2.0	18.7	0.4	3.5	47.8	3.9
20	Foxtail barley	10.2	1.8	17.3	0.3	2.6	22.4	3.4
21	Northern willowherb	9.0	2.1	23.0	0.2	2.7	21.0	3.3
22	Stinkweed	10.5	1.9	18.3	0.2	1.9	7.4	3.2
23	Black medick	11.0	1.7	15.8	0.2	1.7	14.0	3.2
24	Hemp-nettle	9.5	1.8	18.4	0.2	2.5	26.6	3.2
25	Pale smartweed	9.9	2.0	19.9	0.2	1.7	10.2	3.1
26	Field horsetail	7.4	1.5	20.3	0.3	3.4	18.4	2.8
27	Night-flowering catchfly	9.1	1.4	15.8	0.2	1.7	14.8	2.6
28	Annual brome species	3.3	1.2	37.5	0.4	10.8	49.0	2.4
29	Narrow-leaved hawk's-beard	9.0	1.3	14.0	0.1	1.3	4.4	2.4
30	Prostrate knotweed	8.7	1.4	15.5	0.1	1.3	7.0	2.4
31	Redroot pigweed	8.2	1.1	13.2	0.1	1.4	8.0	2.2
32	Low cudweed	4.3	1.0	22.0	0.2	4.6	26.8	1.9
33	Annual sow-thistle	3.4	1.1	32.8	0.2	5.9	16.2	1.8
34	Rough cinquefoil	6.0	0.5	8.4	< 0.1	0.7	3.0	1.3
35	Canada fleabane	5.3	0.6	11.8	< 0.1	0.9	4.8	1.3
36	Oak-leaved goosefoot	5.0	0.5	10.2	0.1	1.1	3.4	1.2
37	Clover species	3.2	0.5	14.4	< 0.1	1.0	1.8	0.8
38	Wild mustard	3.2	0.5	14.0	< 0.1	0.6	2.0	0.8
39	Scentless chamomile	1.5	0.5	35.0	0.1	4.6	12.0	0.8
40	Russian thistle	2.8	0.4	14.0	< 0.1	1.1	3.4	0.7
41	Rayless aster	2.6	0.5	18.1	< 0.1	1.1	2.8	0.7
42	Quack grass	2.7	0.3	10.3	< 0.1	0.6	1.2	0.6
43	Annual spurge species	2.5	0.2	9.8	< 0.1	0.4	1.2	0.5
44	Pineappleweed	1.5	0.3	18.2	< 0.1	2.8	4.2	0.5
45	Lentil	1.7	0.3	18.3	< 0.1	1.2	1.6	0.5
46	Field violet	0.5	0.3	65.0	< 0.1	9.6	9.6	0.4
47	Stork's-bill	2.2	0.2	7.4	< 0.1	0.4	0.8	0.4
48	American vetch	1.9	0.2	9.0	< 0.1	0.6	1.8	0.4
49	Tumble pigweed	2.1	0.2	7.5	< 0.1	0.5	1.0	0.4
50	Golden dock	1.0	0.2	22.5	< 0.1	2.4	4.2	0.4
51	Willow species	0.5	0.3	55.0	< 0.1	4.8	4.8	0.3
52	Flixweed	1.5	0.1	7.5	< 0.1	0.5	1.0	0.3

(Table continued on next page)

Field Survey Summary Tables – Canola in East-Central Saskatchewan

Table 74. 2014/15 Canola in East-Central Saskatchewan (194 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Rough hair grass	1.0	0.2	17.3	<0.1	1.5	2.6	0.3
54	Barley	1.1	0.1	11.8	<0.1	0.8	2.4	0.3
55	Absinth	1.0	0.2	15.0	<0.1	0.9	1.4	0.3
56	Field pea	0.9	0.1	16.5	<0.1	1.1	1.8	0.2
57	Thyme-leaved sandwort	0.5	0.1	20.0	<0.1	5.0	5.0	0.2
58	Cattail	1.1	0.1	5.0	<0.1	0.6	0.8	0.2
59	Slough grass	1.0	0.1	7.5	<0.1	0.4	0.6	0.2
60	Alfalfa	0.9	0.1	10.7	<0.1	0.5	0.8	0.2
61	Bluebur	1.0	0.1	5.0	<0.1	0.2	0.2	0.2
62	American dragonhead	1.0	<0.1	5.0	<0.1	0.2	0.2	0.2
63	Manitoba maple	0.5	0.1	15.0	<0.1	1.2	1.2	0.1
64	Purslane speedwell	0.7	<0.1	6.1	<0.1	0.2	0.4	0.1
65	Rose species	0.5	0.1	10.0	<0.1	0.8	0.8	0.1
66	Blue grass species	0.5	<0.1	10.0	<0.1	1.0	1.0	0.1
67	Goat's-beard	0.5	0.1	10.0	<0.1	0.6	0.6	0.1
68	Dog mustard	0.5	0.1	10.0	<0.1	0.6	0.6	0.1
69	Pygmyflower	0.5	<0.1	5.0	<0.1	0.6	0.6	0.1
70	Corn	0.5	<0.1	5.0	<0.1	0.2	0.2	0.1
71	Spear-leaved goosefoot	0.5	<0.1	5.0	<0.1	0.2	0.2	0.1
72	Prostrate pigweed	0.5	<0.1	5.0	<0.1	0.2	0.2	0.1
73	Goldenrod species	0.5	<0.1	5.0	<0.1	0.2	0.2	0.1
74	Bicknell's geranium	0.5	<0.1	5.0	<0.1	0.2	0.2	0.1
75	Milk-vetch species	0.5	<0.1	5.0	<0.1	0.2	0.2	0.1

Field Survey Summary Tables – Flax in East-Central Saskatchewan

Table 75. 2014/15 Flax in East-Central Saskatchewan (20 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Wild oats	71.4	25.2	35.4	7.0	9.7	65.0	47.1
2	Green foxtail	63.3	25.4	40.2	5.2	8.2	33.6	39.6
3	Canola/rapeseed	75.3	30.3	40.2	2.5	3.3	8.2	33.4
4	Wild buckwheat	67.8	13.1	19.4	0.9	1.4	8.4	17.9
5	Pale smartweed	50.1	6.5	12.9	1.3	2.5	10.0	13.7
6	Shepherd's-purse	33.7	8.5	25.2	1.2	3.5	14.4	12.6
7	False cleavers	50.1	7.1	14.2	0.6	1.1	3.6	11.4
8	Round-leaved mallow	34.5	9.6	27.8	0.7	2.0	5.8	11.4
9	Dandelion	26.8	8.2	30.7	0.9	3.3	11.6	10.6
10	Chickweed	16.3	5.1	31.1	1.4	8.5	16.8	9.7
11	Canada thistle	45.0	5.8	12.8	0.4	0.8	2.2	9.4
12	Wheat	28.5	6.1	21.4	0.5	1.6	6.8	8.0
13	Perennial sow-thistle	27.4	5.0	18.4	0.4	1.4	3.4	7.2
14	Night-flowering catchfly	20.8	4.2	20.0	0.5	2.4	4.8	6.3
15	Narrow-leaved hawk's-beard	27.0	3.4	12.6	0.2	0.9	2.6	5.7
16	Broad-leaved plantain	15.7	3.5	22.4	0.5	2.9	7.6	5.3
17	Spiny annual sow-thistle	20.0	3.7	18.3	0.2	1.0	1.8	4.9
18	Redroot pigweed	20.5	3.5	17.2	0.2	0.9	1.6	4.8
19	Pineappleweed	14.3	3.1	21.9	0.4	2.7	6.4	4.7
20	Black medick	14.5	2.9	20.0	0.3	2.2	4.8	4.3
21	Barnyard grass species	14.5	2.4	16.7	0.3	1.8	2.2	3.9
22	Hemp-nettle	11.4	2.2	18.9	0.2	1.7	3.2	3.1
23	Common groundsel	15.7	1.0	6.5	0.1	0.5	0.6	2.6
24	Field horsetail	10.8	1.2	10.7	0.2	1.5	2.0	2.4
25	Kochia	15.0	0.8	5.0	0.1	0.4	0.8	2.3
26	Rayless aster	9.8	1.5	15.0	0.1	1.2	2.0	2.3
27	Yellow sweet-clover	5.4	1.6	30.0	0.1	2.2	2.2	1.9
28	Lamb's-quarters	10.7	0.8	7.5	< 0.1	0.4	0.6	1.8
29	Stinkweed	5.7	1.4	25.0	0.1	1.4	1.4	1.7
30	Bluebur	6.1	0.9	15.0	0.1	2.0	2.0	1.6
31	Prostrate knotweed	10.0	0.5	5.0	< 0.1	0.2	0.2	1.5
32	Foxtail barley	4.7	0.7	15.0	< 0.1	0.8	0.8	1.0
33	Flixweed	4.7	0.5	10.0	0.1	1.2	1.2	1.0
34	Low cudweed	4.9	0.2	5.0	0.1	1.6	1.6	1.0
35	Stork's-bill	6.1	0.3	5.0	< 0.1	0.2	0.2	0.9
36	Biennial wormwood	3.7	0.5	15.0	< 0.1	0.8	0.8	0.8
37	Annual spurge species	5.4	0.3	5.0	< 0.1	0.2	0.2	0.8
38	Witch grass	4.7	0.2	5.0	< 0.1	0.2	0.2	0.7
39	Striate knotweed	3.7	0.2	5.0	< 0.1	0.2	0.2	0.5

Field Survey Summary Tables – Lentil in East-Central Saskatchewan

Table 76. 2014/15 Lentil in East-Central Saskatchewan (12 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Canola/rapeseed	91.1	34.5	37.9	9.1	10.0	45.0	53.4
2	Green foxtail	68.0	21.9	32.3	4.5	6.6	20.0	31.5
3	Wild buckwheat	68.0	25.6	37.6	2.2	3.2	7.4	26.6
4	Wild oats	48.8	19.7	40.4	2.8	5.7	16.8	23.2
5	Narrow-leaved hawks-beard	41.7	13.4	32.0	1.7	4.1	6.2	16.2
6	Canada thistle	49.4	13.0	26.4	1.4	2.8	13.0	16.1
7	Annual brome species	25.0	8.9	35.5	2.3	9.3	25.4	13.8
8	Barnyard grass species	8.5	3.0	35.0	3.6	42.6	42.6	12.8
9	Spiny annual sow-thistle	50.5	10.1	19.9	0.6	1.1	5.2	12.5
10	Lamb's-quarters	41.1	7.2	17.4	0.7	1.7	4.2	10.3
11	Perennial sow-thistle	25.0	5.9	23.5	0.4	1.7	2.6	7.0
12	False cleavers	15.5	5.1	33.1	0.8	5.2	10.2	6.6
13	Shepherd's-purse	17.0	4.3	25.0	0.8	4.4	7.8	6.2
14	Dandelion	22.7	4.6	20.4	0.3	1.2	3.0	5.7
15	Foxtail barley	16.6	2.8	17.0	0.6	3.5	5.0	5.0
16	Kochia	25.0	2.9	11.6	0.1	0.6	1.0	4.8
17	Black medick	16.8	3.6	21.4	0.3	1.9	3.4	4.6
18	Broad-leaved plantain	16.8	3.2	18.7	0.2	1.1	2.2	4.1
19	Stinkweed	8.5	3.0	35.0	0.5	5.6	5.6	3.8
20	Russian thistle	17.0	2.6	15.0	0.1	0.7	1.2	3.6
21	Northern willowherb	17.0	2.1	12.5	0.2	0.9	1.6	3.5
22	Pale smartweed	8.5	1.3	15.0	0.6	7.6	7.6	3.5
23	Prostrate pigweed	8.5	3.4	40.0	0.2	2.8	2.8	3.3
24	Annual sow-thistle	8.5	2.6	30.0	0.2	2.2	2.2	2.8
25	Wheat	17.4	0.9	5.0	0.1	0.5	0.8	2.8
26	Barley	16.2	1.2	7.6	< 0.1	0.3	0.4	2.7
27	Annual spurge species	15.5	1.2	7.7	0.1	0.5	0.8	2.7
28	Round-leaved mallow	15.5	0.8	5.0	< 0.1	0.3	0.4	2.4
29	Biennial wormwood	8.5	0.9	10.0	0.2	1.8	1.8	1.9
30	Oak-leaved goosefoot	8.5	0.9	10.0	0.1	1.0	1.0	1.7
31	Flax	8.5	0.4	5.0	0.1	1.0	1.0	1.5
32	Common pepper-grass	8.5	0.4	5.0	< 0.1	0.2	0.2	1.3
33	Redroot pigweed	8.0	0.4	5.0	< 0.1	0.4	0.4	1.2
34	American vetch	7.0	0.4	5.0	< 0.1	0.2	0.2	1.1

Table 77. 2014/15 Pea in East-Central Saskatchewan (16 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	64.3	25.7	39.9	4.9	7.6	34.8	33.9
2	Canola/rapeseed	74.5	22.6	30.4	2.7	3.7	12.4	26.2
3	Black medick	37.9	21.9	57.9	3.2	8.3	25.2	23.7
4	Narrow-leaved hawk's-beard	56.7	13.9	24.5	1.4	2.5	8.2	16.3
5	Wild oats	55.7	12.9	23.1	1.4	2.4	8.0	15.6
6	Spiny annual sow-thistle	50.2	14.0	28.0	1.3	2.7	12.2	15.5
7	Wild buckwheat	58.0	14.0	24.1	1.0	1.8	5.2	15.1
8	Wheat	49.0	13.9	28.4	1.1	2.3	5.2	14.6
9	Canada thistle	57.3	10.7	18.6	0.8	1.5	4.0	13.1
10	Wild mustard	20.4	8.0	39.5	1.9	9.3	26.2	11.8
11	Perennial sow-thistle	38.4	11.3	29.4	0.7	1.8	4.0	10.9
12	Barnyard grass species	51.5	7.6	14.7	0.7	1.4	5.6	10.8
13	Stinkweed	6.3	5.3	85.0	2.0	32.2	32.2	9.7
14	Annual brome species	13.4	5.4	40.0	1.7	13.0	21.2	9.5
15	Foxtail barley	24.9	6.6	26.6	0.8	3.2	8.0	8.0
16	Shepherd's-purse	25.4	5.3	21.0	0.6	2.2	4.4	6.7
17	Lamb's-quarters	39.2	4.7	11.9	0.2	0.5	1.0	6.6
18	Dandelion	29.7	5.1	17.1	0.3	1.1	2.2	6.2
19	Annual spurge species	13.4	4.7	35.0	0.2	1.8	3.0	4.1
20	Annual sow-thistle	13.4	3.7	27.5	0.3	2.6	5.0	4.1
21	Kochia	13.0	2.6	20.4	0.3	2.0	2.6	3.3
22	Round-leaved mallow	18.4	2.1	11.6	0.1	0.5	1.2	3.1
23	Canada fleabane	12.7	2.2	17.4	0.2	2.0	3.0	3.1
24	Barley	17.8	2.1	11.6	0.1	0.5	0.8	3.0
25	Broad-leaved plantain	5.8	2.6	45.0	0.4	6.2	6.2	2.9
26	False cleavers	12.2	1.8	14.5	0.2	1.6	3.2	2.6
27	Biennial wormwood	12.7	1.3	10.0	0.1	0.5	0.6	2.0
28	Pale smartweed	12.5	1.2	9.6	0.1	0.5	0.8	2.0
29	Northern willowherb	5.8	1.4	25.0	0.2	2.8	2.8	1.7
30	Russian thistle	12.1	0.9	7.5	< 0.1	0.3	0.4	1.7
31	Prostrate knotweed	11.6	0.6	5.0	< 0.1	0.2	0.2	1.5
32	Lentil	7.0	1.0	15.0	< 0.1	0.6	0.6	1.3
33	Rough cinquefoil	6.7	0.7	10.0	< 0.1	0.4	0.4	1.0
34	Tumble pigweed	6.7	0.7	10.0	< 0.1	0.4	0.4	1.0
35	Night-flowering catchfly	6.0	0.6	10.0	< 0.1	0.6	0.6	1.0
36	Dock species	6.7	0.3	5.0	< 0.1	0.4	0.4	0.9
37	Aster species	7.0	0.3	5.0	< 0.1	0.2	0.2	0.9
38	Flax	6.0	0.3	5.0	< 0.1	0.2	0.2	0.8
39	Scentless chamomile	6.0	0.3	5.0	< 0.1	0.2	0.2	0.8
40	Pineappleweed	6.0	0.3	5.0	< 0.1	0.2	0.2	0.8
41	Yellow sweet-clover	6.0	0.3	5.0	< 0.1	0.2	0.2	0.8
42	Field horsetail	5.8	0.3	5.0	< 0.1	0.2	0.2	0.7
43	Alfalfa	5.8	0.3	5.0	< 0.1	0.2	0.2	0.7

Field Survey Summary Tables – Southwestern Saskatchewan

Table 78. 2014/15 Annual crops in Southwestern Saskatchewan (469 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	30.1	14.3	47.3	9.7	32.1	646.6	58.4
2	Stinkweed	26.2	9.0	34.1	5.2	19.7	449.8	35.4
3	Wild oats	32.4	10.4	32.2	2.1	6.6	96.0	27.6
4	Wild buckwheat	34.1	8.1	23.8	0.8	2.3	36.4	20.6
5	Canola/rapeseed	14.5	4.4	30.2	1.8	12.2	284.6	15.0
6	Kochia	27.2	5.4	19.7	0.5	1.7	16.4	14.7
7	Lamb's-quarters	19.5	5.1	26.1	0.9	4.7	103.6	14.0
8	Wild mustard	10.2	3.5	34.3	1.5	14.6	259.6	11.8
9	Russian thistle	15.2	3.9	25.6	0.7	4.3	83.6	10.6
10	Canada thistle	18.3	2.7	14.9	0.3	1.8	22.0	9.0
11	Narrow-leaved hawk's-beard	12.7	2.3	18.2	0.6	4.5	87.8	8.0
12	Wheat	8.8	2.0	22.5	0.3	3.9	50.2	5.7
13	Flax	3.8	1.6	42.5	0.6	16.1	78.4	4.9
14	Spiny annual sow-thistle	6.1	1.7	27.8	0.4	5.8	38.4	4.7
15	Dandelion	8.8	1.7	18.9	0.1	1.5	8.2	4.6
16	Tumble pigweed	8.9	1.4	15.7	0.1	1.2	7.2	4.3
17	Barnyard grass species	4.5	1.0	23.0	0.5	10.8	129.4	4.0
18	Foxtail barley	8.5	1.3	14.7	0.1	1.4	13.2	4.0
19	Redroot pigweed	6.6	1.3	20.5	0.1	2.2	17.0	3.7
20	Annual spurge species	6.6	1.1	16.1	0.1	1.2	11.8	3.2
21	Alfalfa	5.2	1.0	19.9	0.1	1.7	14.8	2.8
22	Cow cockle	4.1	1.0	25.4	0.1	3.3	36.4	2.7
23	Perennial sow-thistle	4.1	0.8	20.1	0.1	1.7	10.2	2.2
24	Annual brome species	3.2	0.7	21.3	0.1	2.4	9.2	1.8
25	Round-leaved mallow	4.4	0.5	10.8	<0.1	0.7	2.2	1.8
26	Persian damel	2.8	0.7	25.9	0.1	2.4	12.0	1.8
27	Biennial wormwood	3.6	0.5	14.3	0.1	1.4	9.2	1.7
28	Flixweed	3.7	0.4	11.6	<0.1	0.6	2.4	1.5
29	Canada fleabane	3.0	0.5	16.6	<0.1	1.7	12.4	1.5
30	Prostrate knotweed	2.9	0.5	18.1	<0.1	1.2	3.2	1.5
31	Prickly lettuce	2.8	0.3	12.1	<0.1	1.0	3.6	1.2
32	Lentil	2.5	0.3	10.2	<0.1	0.5	1.8	1.0
33	Prostrate pigweed	1.6	0.3	19.3	<0.1	1.3	7.2	0.8
34	Black medick	1.7	0.3	15.1	<0.1	1.2	5.2	0.8
35	Yellow sweet-clover	1.5	0.2	16.3	<0.1	1.4	8.8	0.7
36	Shepherd's-purse	1.1	0.2	22.4	0.1	4.7	9.0	0.7
37	Quack grass	0.6	0.1	11.6	0.1	16.3	42.4	0.6
38	White mustard	0.6	0.3	52.1	<0.1	4.8	9.4	0.6
39	Dock species	1.7	0.1	7.5	<0.1	0.3	1.0	0.6
40	Northern willowherb	1.3	0.1	8.3	<0.1	2.0	8.2	0.6
41	Goat's-beard	1.5	0.1	8.0	<0.1	0.4	1.0	0.5
42	Bluebur	0.6	0.2	40.2	<0.1	5.7	14.6	0.5
43	Sunflower species	1.2	0.1	12.6	<0.1	0.8	3.0	0.5
44	Field pea	1.2	0.1	7.6	<0.1	0.4	1.2	0.4
45	Cocklebur	0.8	0.2	20.1	<0.1	1.1	3.0	0.4
46	Tumble mustard	1.0	0.1	6.9	<0.1	0.3	0.4	0.4
47	Blue lettuce	0.9	0.1	8.1	<0.1	0.5	1.2	0.3
48	Wild tomato	0.9	0.1	8.9	<0.1	0.4	0.6	0.3
49	Night-flowering catchfly	0.5	0.1	27.3	<0.1	3.0	5.2	0.3
50	Skeletonweed	0.6	0.1	15.7	<0.1	0.8	1.6	0.3
51	Barley	0.7	0.1	12.5	<0.1	0.5	0.8	0.3
52	Yellow toadflax	0.3	0.1	50.0	<0.1	3.4	3.4	0.2

(Table continued on next page)

Table 78. 2014/15 Annual crops in Southwestern Saskatchewan (469 fields) (continued)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Oak-leaved goosefoot	0.2	0.1	50.0	<0.1	9.0	9.0	0.2
54	Goldenrod species	0.6	<0.1	5.0	<0.1	1.6	4.0	0.2
55	Annual sow-thistle	0.7	<0.1	6.6	<0.1	0.5	0.6	0.2
56	Pale smartweed	0.6	<0.1	6.7	<0.1	0.7	1.0	0.2
57	Common pepper-grass	0.6	<0.1	5.0	<0.1	0.2	0.2	0.2
58	False cleavers	0.5	<0.1	9.5	<0.1	1.3	2.4	0.2
59	Low cudweed	0.4	<0.1	7.4	<0.1	3.1	5.2	0.2
60	False ragweed	0.6	<0.1	5.0	<0.1	0.2	0.2	0.2
61	Crested wheat grass	0.4	0.1	15.8	<0.1	0.7	1.2	0.2
62	Meadow brome	0.4	<0.1	10.3	<0.1	0.4	0.6	0.2
63	Rose species	0.4	<0.1	7.6	<0.1	1.3	2.2	0.2
64	Broad-leaved plantain	0.4	<0.1	7.5	<0.1	0.5	0.6	0.2
65	Purslane	0.4	<0.1	7.6	<0.1	0.4	0.6	0.2
66	Scentless chamomile	0.4	<0.1	7.6	<0.1	0.4	0.6	0.2
67	Dog mustard	0.2	0.1	25.0	<0.1	1.6	1.6	0.1
68	Rough hair grass	0.2	<0.1	20.0	<0.1	3.2	3.2	0.1
69	Scouler's popcomflower	0.2	<0.1	20.0	<0.1	2.4	2.4	0.1
70	Milk-vetch species	0.2	<0.1	15.0	<0.1	0.8	0.8	0.1
71	Hemp-nettle	0.2	<0.1	15.0	<0.1	1.6	1.6	0.1
72	American vetch	0.3	<0.1	5.0	<0.1	0.2	0.2	0.1
73	Chickweed	0.2	<0.1	15.0	<0.1	0.6	0.6	0.1
74	Pasture sage	0.2	<0.1	10.0	<0.1	0.6	0.6	0.1
75	Striate knotweed	0.2	<0.1	5.0	<0.1	0.6	0.6	0.1
76	Green tansy mustard	0.2	<0.1	5.0	<0.1	0.2	0.2	0.1
77	Siberian elm	0.2	<0.1	5.0	<0.1	0.2	0.2	0.1
78	Rough cinquefoil	0.2	<0.1	5.0	<0.1	0.4	0.4	0.1
79	Maple-leaved goosefoot	0.2	<0.1	5.0	<0.1	0.4	0.4	0.1
80	Field mint	0.2	<0.1	5.0	<0.1	0.2	0.2	0.1
81	Tall hedge mustard	0.2	<0.1	5.0	<0.1	0.2	0.2	0.1
82	Wormseed mustard	0.2	<0.1	5.0	<0.1	0.2	0.2	0.1
83	Silver-leaved Indian breadroot	0.2	<0.1	5.0	<0.1	0.2	0.2	0.1
84	Water smartweed	0.2	<0.1	5.0	<0.1	0.4	0.4	0.1
85	Blue grass species	0.2	<0.1	5.0	<0.1	0.2	0.2	0.1

Field Survey Summary Tables – Spring wheat in Southwestern Saskatchewan

Table 79. 2014/15 Spring wheat in Southwestern Saskatchewan (48 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	50.8	35.0	68.8	40.9	80.4	646.6	96.1
2	Wild buckwheat	43.7	19.4	44.5	2.5	5.7	36.4	25.5
3	Lamb's-quarters	37.5	14.6	39.0	4.9	13.0	103.6	24.8
4	Wild oats	37.5	14.2	37.9	3.3	8.7	69.2	22.1
5	Stinkweed	27.1	11.0	40.8	3.0	10.9	47.2	17.3
6	Wild mustard	19.5	9.4	47.9	2.4	12.1	49.8	13.7
7	Kochia	22.1	5.7	25.9	0.8	3.6	16.4	9.6
8	Cow cockle	18.2	5.5	30.5	1.1	5.8	36.4	9.0
9	Canada thistle	17.4	3.9	22.7	0.4	2.0	4.6	6.7
10	Narrow-leaved hawk's-beard	14.9	3.7	24.7	0.7	4.4	15.8	6.5
11	Russian thistle	14.2	3.9	27.6	0.5	3.7	15.4	6.3
12	Redroot pigweed	15.0	3.8	25.6	0.4	2.6	9.4	6.2
13	Tumble pigweed	19.7	2.5	12.5	0.1	0.7	1.4	6.0
14	Spiny annual sow-thistle	6.5	3.8	57.3	1.0	15.6	38.4	5.4
15	Alfalfa	11.3	3.1	27.2	0.4	3.7	14.8	5.0
16	Dandelion	15.3	2.0	13.2	0.2	1.1	2.8	4.8
17	Foxtail barley	10.8	1.3	12.1	0.1	0.6	2.0	3.2
18	Round-leaved mallow	12.3	0.8	6.8	< 0.1	0.4	0.6	3.2
19	Prostrate knotweed	8.0	1.9	23.7	0.1	1.8	3.2	3.1
20	Canola/rapeseed	9.0	1.3	14.8	0.1	0.8	1.6	2.9
21	Annual brome species	4.3	2.0	46.7	0.4	8.8	9.2	2.7
22	Quack grass	2.1	0.4	20.0	0.9	42.4	42.4	2.1
23	Biennial wormwood	4.5	1.2	27.5	0.2	4.8	9.2	2.1
24	Persian damel	6.4	0.7	11.4	< 0.1	0.5	1.2	1.9
25	Yellow sweet-clover	2.1	1.8	85.0	0.2	8.8	8.8	1.9
26	Perennial sow-thistle	4.3	0.5	12.6	< 0.1	0.5	0.6	1.3
27	Canada fleabane	2.2	1.0	45.0	0.1	3.2	3.2	1.2
28	Flax	4.2	0.2	5.0	< 0.1	0.2	0.2	1.0
29	Skeletonweed	2.4	0.7	30.0	< 0.1	1.6	1.6	1.0
30	Wheat	2.2	0.4	20.0	< 0.1	1.8	1.8	0.8
31	Prostrate pigweed	2.7	0.3	10.0	< 0.1	0.4	0.4	0.8
32	Low cudweed	2.2	0.1	5.0	0.1	5.2	5.2	0.7
33	False cleavers	2.7	0.1	5.0	< 0.1	0.4	0.4	0.7
34	Field pea	2.2	0.2	10.0	< 0.1	0.4	0.4	0.6
35	Rose species	2.1	0.1	5.0	< 0.1	2.2	2.2	0.6
36	Black medick	2.0	0.2	10.0	< 0.1	0.4	0.4	0.6
37	Dock species	2.2	0.1	5.0	< 0.1	0.2	0.2	0.6
38	Lentil	2.1	0.1	5.0	< 0.1	0.2	0.2	0.5
39	Goat's-beard	2.0	0.1	5.0	< 0.1	0.2	0.2	0.5
40	Bluebur	1.7	0.2	10.0	< 0.1	0.4	0.4	0.5
41	False ragweed	1.3	0.1	5.0	< 0.1	0.2	0.2	0.3
42	Annual spurge species	1.3	0.1	5.0	< 0.1	0.2	0.2	0.3

Field Survey Summary Tables – Durum in Southwestern Saskatchewan

Table 80. 2014/15 Durum in Southwestern Saskatchewan (172 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	31.3	16.1	51.6	7.2	22.9	268.0	59.4
2	Stinkweed	20.4	7.8	38.0	5.9	29.0	449.8	40.7
3	Wild oats	26.6	8.0	30.0	1.0	3.7	15.2	21.9
4	Wild buckwheat	33.6	6.2	18.5	0.6	1.7	29.6	20.1
5	Canola/rapeseed	12.6	3.9	30.7	2.4	19.1	284.6	18.8
6	Kochia	26.2	5.3	20.2	0.5	1.8	12.2	16.5
7	Russian thistle	14.2	4.5	31.7	0.8	6.0	83.6	13.3
8	Flax	5.0	3.4	67.7	1.5	29.4	78.4	11.7
9	Canada thistle	16.2	3.1	18.9	0.5	3.0	22.0	10.7
10	Wild mustard	8.4	3.4	40.0	0.9	11.1	54.8	10.6
11	Lamb's-quarters	11.0	3.2	29.1	0.3	3.1	17.0	8.7
12	Narrow-leaved hawk's-beard	13.4	2.2	16.3	0.3	2.3	20.8	8.1
13	Tumble pigweed	9.3	2.3	24.4	0.2	2.3	7.2	6.5
14	Dandelion	9.4	2.2	23.1	0.2	2.1	8.2	6.4
15	Foxtail barley	10.7	1.4	12.9	0.1	0.9	3.2	5.3
16	Annual spurge species	8.6	1.5	17.5	0.1	1.4	11.8	5.0
17	Spiny annual sow-thistle	4.1	1.0	24.5	0.1	3.6	11.4	3.1
18	Annual brome species	4.7	0.6	13.9	< 0.1	0.9	1.6	2.4
19	Prostrate pigweed	3.0	0.7	24.4	0.1	1.8	7.2	2.0
20	Persian damel	3.0	0.7	22.6	0.1	1.9	5.8	1.9
21	Alfalfa	3.0	0.7	22.2	< 0.1	1.6	3.2	1.9
22	Redroot pigweed	3.6	0.5	15.0	< 0.1	0.9	2.4	1.9
23	Round-leaved mallow	4.0	0.3	8.6	< 0.1	0.6	2.2	1.7
24	Perennial sow-thistle	2.4	0.5	22.8	< 0.1	1.9	5.2	1.6
25	Cow cockle	2.0	0.6	32.3	< 0.1	2.4	4.0	1.6
26	Flixweed	2.8	0.3	11.0	< 0.1	0.8	2.4	1.3
27	Canada fleabane	1.6	0.3	15.8	0.1	4.5	12.4	1.1
28	Field pea	2.7	0.2	7.1	< 0.1	0.4	1.2	1.1
29	Wheat	1.3	0.3	25.3	< 0.1	3.1	5.2	1.0
30	Barnyard grass species	2.4	0.2	7.4	< 0.1	0.4	0.8	1.0
31	Lentil	2.1	0.2	10.7	< 0.1	0.5	1.2	0.9
32	Prickly lettuce	1.4	0.2	13.3	< 0.1	1.6	2.8	0.7
33	White mustard	0.8	0.3	40.0	< 0.1	3.8	3.8	0.7
34	Biennial wormwood	1.8	0.1	6.6	< 0.1	0.3	0.4	0.7
35	Black medick	1.7	0.1	6.6	< 0.1	0.4	0.6	0.7
36	Prostrate knotweed	1.1	0.2	15.1	< 0.1	1.1	1.8	0.6
37	Goldenrod species	1.2	0.1	5.0	< 0.1	2.3	4.0	0.6
38	Meadow brome	1.2	0.1	10.3	< 0.1	0.4	0.6	0.5
39	Tumble mustard	1.2	0.1	6.9	< 0.1	0.3	0.4	0.5
40	Northern willowherb	0.6	0.1	10.0	< 0.1	8.2	8.2	0.5
41	Dog mustard	0.6	0.2	25.0	< 0.1	1.6	1.6	0.4
42	Sunflower species	0.9	0.1	9.9	< 0.1	0.4	0.6	0.4
43	Goat's-beard	0.6	0.1	20.0	< 0.1	1.0	1.0	0.4
44	Scouler's popcomflower	0.6	0.1	20.0	< 0.1	2.4	2.4	0.4
45	Milk-vetch species	0.6	0.1	15.0	< 0.1	0.8	0.8	0.3
46	Hemp-nettle	0.6	0.1	15.0	< 0.1	1.6	1.6	0.3
47	Chickweed	0.6	0.1	15.0	< 0.1	0.6	0.6	0.3
48	Purslane	0.6	0.1	10.0	< 0.1	0.6	0.6	0.3
49	Broad-leaved plantain	0.6	0.1	10.0	< 0.1	0.6	0.6	0.3
50	Annual sow-thistle	0.6	0.1	10.0	< 0.1	0.6	0.6	0.3
51	Wild tomato	0.6	0.1	10.0	< 0.1	0.4	0.4	0.3
52	Low cudweed	0.6	0.1	10.0	< 0.1	0.8	0.8	0.3

(Table continued on next page)

Field Survey Summary Tables – Durum in Southwestern Saskatchewan

Table 80. 2014/15 Durum in Southwestern Saskatchewan (172 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Shepherd's-purse	0.6	0.1	10.0	< 0.1	0.4	0.4	0.2
54	Blue lettuce	0.5	0.1	15.0	< 0.1	0.8	0.8	0.2
55	Siberian elm	0.6	< 0.1	5.0	< 0.1	0.2	0.2	0.2
56	Yellow sweet-clover	0.6	< 0.1	5.0	< 0.1	0.2	0.2	0.2
57	Dock species	0.6	< 0.1	5.0	< 0.1	0.2	0.2	0.2
58	Scentless chamomile	0.6	< 0.1	5.0	< 0.1	0.2	0.2	0.2
59	Tall hedge mustard	0.6	< 0.1	5.0	< 0.1	0.2	0.2	0.2
60	False ragweed	0.6	< 0.1	5.0	< 0.1	0.2	0.2	0.2
61	Water smartweed	0.5	< 0.1	5.0	< 0.1	0.4	0.4	0.2
62	Blue grass species	0.5	< 0.1	5.0	< 0.1	0.2	0.2	0.2

Table 81. 2014/15 Barley in Southwestern Saskatchewan (21 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	35.7	21.2	59.5	28.2	78.9	215.0	70.9
2	Wild oats	62.4	23.7	37.9	9.2	14.7	73.0	44.0
3	Lamb's-quarters	24.6	12.1	49.2	3.1	12.7	37.4	18.2
4	Wild buckwheat	45.4	11.0	24.1	1.0	2.2	7.8	17.9
5	Stinkweed	19.6	10.9	55.8	3.3	16.9	52.0	16.8
6	Russian thistle	27.9	8.6	30.9	2.7	9.5	47.2	15.8
7	Canada thistle	30.0	6.4	21.3	0.6	2.0	6.8	11.2
8	Foxtail barley	21.5	8.4	39.1	0.8	3.8	13.2	11.2
9	Dandelion	21.5	6.6	30.9	0.4	2.0	3.6	9.3
10	Canola/rapeseed	5.0	4.8	95.0	2.7	53.6	53.6	8.8
11	Kochia	17.3	3.2	18.4	0.2	1.2	1.6	5.9
12	Persian damel	6.1	4.9	80.0	0.7	12.0	12.0	5.6
13	Wild mustard	19.9	2.2	11.0	0.1	0.5	1.2	5.6
14	Bluebur	5.1	4.8	95.0	0.7	14.6	14.6	5.4
15	Narrow-leaved hawk's-beard	14.5	1.5	10.1	0.7	4.9	9.6	5.1
16	Cow cockle	11.1	3.3	29.5	0.2	1.6	2.8	4.7
17	Perennial sow-thistle	7.0	4.1	57.8	0.3	4.4	7.4	4.6
18	Canada fleabane	15.8	1.1	6.9	0.1	0.4	0.6	4.0
19	Alfalfa	11.1	2.1	18.6	0.1	1.2	2.0	3.8
20	Yellow toadflax	6.1	3.0	50.0	0.2	3.4	3.4	3.5
21	Night-flowering catchfly	6.1	2.7	45.0	0.3	5.2	5.2	3.5
22	Tumble pigweed	9.8	1.7	17.6	0.1	0.7	0.8	3.2
23	Dock species	9.4	1.2	12.4	0.1	0.7	1.0	2.7
24	Northern willowherb	9.7	0.7	7.4	< 0.1	0.4	0.4	2.5
25	Wheat	5.1	1.0	20.0	0.1	1.8	1.8	1.8
26	Biennial wormwood	5.1	0.8	15.0	0.1	2.2	2.2	1.7
27	Yellow sweet-clover	6.1	0.3	5.0	< 0.1	0.2	0.2	1.4
28	Flax	5.1	0.5	10.0	< 0.1	0.8	0.8	1.4
29	Rose species	5.1	0.5	10.0	< 0.1	0.4	0.4	1.4
30	Redroot pigweed	4.6	0.5	10.0	< 0.1	0.6	0.6	1.3
31	Annual spurge species	4.6	0.5	10.0	< 0.1	0.4	0.4	1.3
32	Sunflower species	5.1	0.3	5.0	< 0.1	0.2	0.2	1.2
33	Spiny annual sow-thistle	4.7	0.2	5.0	< 0.1	0.4	0.4	1.1
34	Flixweed	4.6	0.2	5.0	< 0.1	0.4	0.4	1.1
35	Goat's-beard	3.9	0.2	5.0	< 0.1	0.2	0.2	0.9
36	Lentil	3.9	0.2	5.0	< 0.1	0.2	0.2	0.9

Field Survey Summary Tables – Oat in Southwestern Saskatchewan

Table 82. 2014/15 Oat in Southwestern Saskatchewan (14 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	42.1	26.7	63.4	26.7	63.5	181.8	90.9
2	Russian thistle	44.2	16.5	37.3	2.7	6.2	31.8	25.5
3	Wild oats	34.6	16.2	46.8	2.1	6.0	12.6	22.1
4	Lamb's-quarters	34.4	15.1	43.9	1.9	5.5	14.6	20.8
5	Wild buckwheat	47.6	11.1	23.3	0.8	1.6	3.8	17.7
6	Kochia	27.7	8.4	30.2	1.0	3.6	6.0	12.9
7	Stinkweed	34.4	5.4	15.8	0.5	1.5	5.2	11.0
8	Foxtail barley	20.4	3.9	18.9	1.0	4.9	12.2	8.6
9	Perennial sow-thistle	14.3	4.4	31.1	0.7	5.2	10.2	7.3
10	Alfalfa	13.2	5.5	42.0	0.5	3.6	6.6	7.2
11	Annual spurge species	22.8	2.8	12.1	0.1	0.5	0.8	6.2
12	Canola/rapeseed	13.3	3.7	27.9	0.5	4.0	7.2	6.1
13	Wheat	20.5	3.0	14.8	0.2	0.8	2.0	6.0
14	Sunflower species	13.6	3.0	21.9	0.2	1.7	3.0	5.0
15	Oak-leaved goosefoot	6.8	3.4	50.0	0.6	9.0	9.0	5.0
16	Wild mustard	14.0	2.4	17.0	0.2	1.5	3.0	4.6
17	Prostrate knotweed	7.5	3.4	45.0	0.2	2.8	2.8	4.1
18	Redroot pigweed	13.0	1.6	12.5	0.1	0.5	0.8	3.5
19	Blue lettuce	16.1	0.8	5.0	< 0.1	0.2	0.2	3.4
20	Crested wheat grass	6.5	1.6	25.0	0.1	1.2	1.2	2.4
21	Biennial wormwood	7.1	1.4	20.0	0.1	0.8	0.8	2.3
22	Dandelion	7.1	1.1	15.0	< 0.1	0.6	0.6	2.1
23	Round-leaved mallow	7.5	0.8	10.0	< 0.1	0.4	0.4	1.9
24	Canada thistle	6.8	0.7	10.0	0.1	1.2	1.2	1.8
25	Quack grass	6.8	0.3	5.0	0.1	2.0	2.0	1.8
26	Pasture sage	6.7	0.7	10.0	< 0.1	0.6	0.6	1.7
27	Skeletonweed	6.7	0.7	10.0	< 0.1	0.4	0.4	1.7
28	Striate knotweed	7.1	0.4	5.0	< 0.1	0.6	0.6	1.6
29	Cow cockle	7.1	0.4	5.0	< 0.1	0.2	0.2	1.5
30	Flixweed	7.1	0.4	5.0	< 0.1	0.2	0.2	1.5
31	Rough cinquefoil	6.8	0.3	5.0	< 0.1	0.4	0.4	1.5
32	Maple-leaved goosefoot	6.8	0.3	5.0	< 0.1	0.4	0.4	1.5
33	Broad-leaved plantain	6.8	0.3	5.0	< 0.1	0.4	0.4	1.5
34	Night-flowering catchfly	6.8	0.3	5.0	< 0.1	0.2	0.2	1.5
35	Field mint	6.8	0.3	5.0	< 0.1	0.2	0.2	1.5
36	Wild tomato	6.8	0.3	5.0	< 0.1	0.2	0.2	1.5
37	Black medick	6.5	0.3	5.0	< 0.1	0.4	0.4	1.4
38	Tumble pigweed	6.5	0.3	5.0	< 0.1	0.4	0.4	1.4

Field Survey Summary Tables – Canola in Southwestern Saskatchewan

Table 83. 2014/15 Canola in Southwestern Saskatchewan (39 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Stinkweed	43.2	16.5	38.1	15.1	34.9	216.0	80.6
2	Barnyard grass species	12.6	5.7	45.2	4.3	34.2	129.4	24.1
3	Wild buckwheat	37.6	10.4	27.7	1.0	2.8	21.6	23.7
4	Green foxtail	25.5	8.2	32.0	2.2	8.5	28.8	22.3
5	Lamb's-quarters	38.4	7.1	18.5	0.6	1.5	7.6	18.8
6	Kochia	37.7	6.6	17.5	0.5	1.2	3.6	17.6
7	Canola/rapeseed	18.2	6.1	33.6	0.7	4.1	10.0	13.5
8	Wild oats	17.7	5.0	28.2	0.8	4.7	17.6	12.4
9	Redroot pigweed	15.1	4.4	29.4	0.7	4.8	17.0	10.9
10	Spiny annual sow-thistle	12.6	3.7	28.9	0.9	7.3	31.8	10.1
11	Canada thistle	20.2	1.9	9.3	0.2	0.8	2.8	7.4
12	Wheat	12.9	2.1	16.1	0.2	1.8	6.4	6.1
13	Russian thistle	8.2	2.4	29.0	0.1	1.6	2.0	5.0
14	Tumble pigweed	14.8	1.1	7.5	0.1	0.4	1.0	4.9
15	Lentil	10.2	1.3	12.3	0.1	0.7	1.8	4.0
16	Annual brome species	5.0	1.9	37.5	0.2	4.1	6.6	3.9
17	Flixweed	7.4	1.4	18.4	0.1	0.9	1.6	3.4
18	Flax	7.9	0.9	11.6	0.1	0.9	1.2	3.1
19	Round-leaved mallow	5.2	1.1	20.4	0.1	1.7	2.0	2.7
20	Biennial wormwood	7.7	0.5	6.7	<0.1	0.3	0.4	2.5
21	Shepherd's-purse	5.0	0.7	14.8	0.1	2.5	4.8	2.4
22	Prickly lettuce	4.9	0.9	17.7	0.1	1.9	3.6	2.4
23	Wild mustard	5.2	0.9	18.3	<0.1	0.9	1.4	2.4
24	Narrow-leaved hawk's-beard	4.9	0.4	7.5	<0.1	0.3	0.4	1.6
25	Foxtail barley	5.1	0.3	5.0	<0.1	0.2	0.2	1.5
26	False cleavers	2.6	0.4	15.0	0.1	2.4	2.4	1.3
27	Northern willowherb	2.5	0.4	15.0	0.1	2.6	2.6	1.2
28	Alfalfa	2.7	0.4	15.0	<0.1	0.6	0.6	1.1
29	Wild tomato	2.6	0.4	15.0	<0.1	0.6	0.6	1.1
30	Persian damel	2.5	0.4	15.0	<0.1	0.6	0.6	1.0
31	Dandelion	2.8	0.3	10.0	<0.1	0.6	0.6	1.0
32	Pale smartweed	2.5	0.2	10.0	<0.1	1.0	1.0	0.9
33	Canada fleabane	2.5	0.2	10.0	<0.1	0.4	0.4	0.9
34	Dock species	2.5	0.2	10.0	<0.1	0.4	0.4	0.9
35	Annual sow-thistle	2.6	0.1	5.0	<0.1	0.6	0.6	0.8
36	Perennial sow-thistle	2.6	0.1	5.0	<0.1	0.6	0.6	0.8
37	Prostrate pigweed	2.5	0.1	5.0	<0.1	0.2	0.2	0.7
38	Prostrate knotweed	2.5	0.1	5.0	<0.1	0.2	0.2	0.7

Field Survey Summary Tables – Flax in Southwestern Saskatchewan

Table 84. 2014/15 Flax in Southwestern Saskatchewan (22 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	31.6	10.7	33.8	3.2	10.1	39.8	46.3
2	Stinkweed	40.0	9.3	23.2	1.4	3.4	21.4	32.7
3	Wild buckwheat	44.5	10.1	22.7	0.7	1.7	4.2	30.1
4	Wheat	9.2	4.7	51.1	2.2	24.4	50.2	25.7
5	Wild oats	26.8	6.1	22.6	1.3	4.8	18.2	24.5
6	Wild mustard	13.7	3.9	28.7	1.8	13.4	40.6	22.7
7	Lamb's-quarters	22.4	5.3	23.8	0.4	1.6	3.2	15.3
8	Barnyard grass species	13.0	4.8	36.7	0.7	5.3	12.0	14.8
9	Kochia	28.4	3.0	10.6	0.2	0.6	1.8	12.3
10	Russian thistle	21.8	2.8	12.9	0.3	1.3	4.4	11.3
11	Canada thistle	18.6	3.0	16.0	0.3	1.7	2.8	11.0
12	Canola/rapeseed	13.5	3.2	23.3	0.2	1.2	2.0	8.8
13	Prostrate knotweed	13.5	2.7	20.3	0.1	1.0	1.8	8.0
14	Redroot pigweed	18.1	1.3	7.4	0.1	0.3	0.4	6.7
15	Foxtail barley	13.8	0.7	5.0	<0.1	0.2	0.2	4.6
16	Dock species	13.0	0.6	5.0	<0.1	0.2	0.2	4.3
17	Alfalfa	9.2	0.7	7.4	<0.1	0.3	0.4	3.4
18	Narrow-leaved hawk's-beard	9.5	0.5	5.0	<0.1	0.4	0.4	3.3
19	Tumble pigweed	8.7	0.6	7.5	<0.1	0.3	0.4	3.2
20	Common pepper-grass	9.1	0.5	5.0	<0.1	0.2	0.2	3.0
21	Round-leaved mallow	4.7	0.5	10.0	<0.1	0.4	0.4	2.0
22	Cow cockle	4.5	0.4	10.0	<0.1	0.4	0.4	1.8
23	Dandelion	4.5	0.2	5.0	<0.1	0.2	0.2	1.5
24	Persian damel	4.3	0.2	5.0	<0.1	0.2	0.2	1.4
25	Flixweed	4.3	0.2	5.0	<0.1	0.2	0.2	1.4

Field Survey Summary Tables – Mustard in Southwestern Saskatchewan

Table 85. 2014/15 Mustard in Southwestern Saskatchewan (12 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Stinkweed	49.5	15.3	30.9	3.4	7.0	32.6	91.7
2	Wild buckwheat	35.7	8.4	23.5	1.0	2.9	10.6	40.7
3	Redroot pigweed	26.7	8.0	29.9	0.6	2.4	4.4	31.3
4	Annual spurge species	8.8	7.0	80.0	0.7	7.8	7.8	24.5
5	Kochia	33.1	3.1	9.2	0.2	0.6	1.4	18.7
6	Lamb's-quarters	18.0	4.9	27.5	0.3	1.7	2.2	18.5
7	Wild oats	23.4	3.9	16.5	0.2	1.0	2.2	17.4
8	Dandelion	16.2	3.3	20.4	0.1	0.8	1.0	12.7
9	Alfalfa	17.1	1.7	10.0	0.1	0.4	0.4	9.4
10	Flixweed	18.6	0.9	5.0	<0.1	0.2	0.2	8.1
11	Green foxtail	18.4	0.9	5.0	<0.1	0.2	0.2	8.0
12	Russian thistle	17.7	0.9	5.0	<0.1	0.2	0.2	7.8
13	Purslane	9.0	0.4	5.0	<0.1	0.2	0.2	3.9
14	Silver-leaved Indian breadroot	8.8	0.4	5.0	<0.1	0.2	0.2	3.8
15	Biennial wormwood	7.5	0.4	5.0	<0.1	0.2	0.2	3.3

Field Survey Summary Tables – Lentil in Southwestern Saskatchewan

Table 86. 2014/15 Lentil in Southwestern Saskatchewan (95 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Wild oats	36.0	12.1	33.7	3.4	9.5	96.0	47.5
2	Stinkweed	24.8	6.9	27.9	4.4	17.8	268.6	42.1
3	Canola/rapeseed	21.5	7.4	34.2	3.1	14.6	193.2	34.7
4	Green foxtail	22.8	6.0	26.2	1.8	8.0	64.8	25.7
5	Wheat	19.3	3.9	20.3	0.7	3.8	26.8	15.6
6	Wild mustard	11.2	3.2	28.4	1.3	11.6	107.2	15.2
7	Wild buckwheat	26.0	3.4	13.1	0.3	1.0	5.2	14.1
8	Kochia	22.2	3.5	15.7	0.2	0.8	2.8	12.7
9	Narrow-leaved hawk's-beard	13.2	3.1	23.5	0.6	4.9	27.2	12.0
10	Spiny annual sow-thistle	10.2	2.8	27.3	0.6	5.4	37.2	10.2
11	Canada thistle	19.9	2.0	9.9	0.2	0.9	6.8	9.8
12	Lamb's-quarters	15.2	1.2	7.7	0.1	0.5	2.2	6.6
13	Russian thistle	10.4	1.6	15.8	0.1	1.4	5.2	6.3
14	Perennial sow-thistle	5.5	0.8	15.1	<0.1	0.8	3.0	3.1
15	Annual spurge species	7.2	0.6	7.7	<0.1	0.4	1.0	3.1
16	Barnyard grass species	4.1	0.6	15.1	0.2	4.4	16.8	3.1
17	Prickly lettuce	6.0	0.7	11.6	<0.1	0.6	2.4	3.0
18	White mustard	1.6	1.0	62.5	0.1	5.6	9.4	2.4
19	Black medick	2.0	0.8	40.1	0.1	3.5	5.2	2.2
20	Dandelion	5.0	0.4	7.0	<0.1	0.6	1.0	2.2
21	Cocklebur	2.9	0.6	21.8	<0.1	1.2	3.0	2.0
22	Canada fleabane	2.2	0.6	29.8	<0.1	1.7	4.2	1.8
23	Biennial wormwood	2.9	0.4	14.2	<0.1	1.7	4.2	1.7
24	Tumble pigweed	4.0	0.3	7.5	<0.1	0.5	1.0	1.7
25	Barley	3.3	0.4	12.5	<0.1	0.5	0.8	1.7
26	Annual brome species	3.0	0.4	13.5	<0.1	0.9	1.4	1.6
27	Alfalfa	3.8	0.2	6.3	<0.1	0.3	0.4	1.5
28	Shepherd's-purse	1.1	0.4	40.0	0.1	8.6	8.6	1.5
29	Foxtail barley	3.2	0.2	6.6	<0.1	0.5	1.0	1.3
30	Round-leaved mallow	2.1	0.4	17.9	<0.1	1.1	2.0	1.3
31	Flixweed	1.8	0.4	23.2	<0.1	1.3	1.8	1.3
32	Cow cockle	2.0	0.3	14.9	<0.1	1.0	1.8	1.1
33	Yellow sweet-clover	2.8	0.1	5.0	<0.1	0.3	0.4	1.1
34	Rough hair grass	1.1	0.2	20.0	<0.1	3.2	3.2	0.8
35	Pale smartweed	2.0	0.1	5.0	<0.1	0.5	0.8	0.8
36	Northern willowherb	2.1	0.1	5.0	<0.1	0.2	0.2	0.8
37	Quack grass	1.0	0.1	10.0	<0.1	4.8	4.8	0.7
38	Persian damel	1.0	0.2	20.0	<0.1	1.4	1.4	0.7
39	Redroot pigweed	1.0	0.1	10.0	<0.1	3.6	3.6	0.6
40	Tumble mustard	1.7	0.1	5.0	<0.1	0.2	0.2	0.6
41	Flax	1.1	0.2	15.0	<0.1	0.8	0.8	0.6
42	Green tansy mustard	1.1	0.1	5.0	<0.1	0.2	0.2	0.4
43	False ragweed	1.1	0.1	5.0	<0.1	0.2	0.2	0.4
44	Goat's-beard	0.8	0.1	10.0	<0.1	0.4	0.4	0.4
45	Prostrate knotweed	1.0	0.1	5.0	<0.1	0.2	0.2	0.4
46	Wormseed mustard	1.0	<0.1	5.0	<0.1	0.2	0.2	0.4
47	Common pepper-grass	1.0	<0.1	5.0	<0.1	0.2	0.2	0.4
48	Wild tomato	1.0	<0.1	5.0	<0.1	0.2	0.2	0.4
49	Crested wheat grass	0.8	<0.1	5.0	<0.1	0.2	0.2	0.3

Table 87. 2014/15 Pea in Southwestern Saskatchewan (46 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Wild oats	44.9	12.7	28.3	1.5	3.2	13.4	33.8
2	Wild mustard	4.2	2.3	55.0	5.5	130.0	259.6	33.5
3	Stinkweed	23.8	7.7	32.2	2.3	9.8	46.2	27.5
4	Kochia	40.6	10.0	24.5	0.9	2.2	8.0	26.5
5	Narrow-leaved hawks-beard	21.4	4.0	18.6	2.4	11.1	87.8	22.9
6	Green foxtail	20.1	6.7	33.3	1.7	8.4	28.2	21.9
7	Wild buckwheat	25.5	8.3	32.5	0.7	2.6	9.0	19.6
8	Wheat	17.2	4.7	27.4	0.3	2.0	7.2	11.6
9	Canada thistle	24.8	2.1	8.5	0.2	0.7	3.6	9.4
10	Russian thistle	17.5	2.8	15.8	0.3	1.9	9.0	9.3
11	Canola/rapeseed	17.0	3.1	18.1	0.2	1.3	5.0	9.0
12	Lamb's-quarters	17.7	2.5	14.0	0.2	1.2	6.0	8.4
13	Flax	4.3	2.2	52.1	0.6	15.2	29.2	7.2
14	Barnyard grass species	11.2	1.4	12.1	0.5	4.4	16.4	7.0
15	Dandelion	8.4	1.6	19.3	0.1	1.0	1.6	4.4
16	Biennial wormwood	6.7	1.4	21.2	0.1	1.4	3.0	3.8
17	Annual spurge species	7.4	1.2	16.8	0.1	1.0	2.0	3.7
18	Canada fleabane	8.1	0.9	11.7	< 0.1	0.5	0.8	3.3
19	Perennial sow-thistle	6.6	0.7	9.9	< 0.1	0.5	1.2	2.6
20	Flixweed	6.3	0.6	10.0	< 0.1	0.4	0.6	2.4
21	Prickly lettuce	6.6	0.6	8.4	< 0.1	0.5	0.8	2.4
22	Shepherd's-purse	2.2	0.7	30.0	0.2	9.0	9.0	2.4
23	Spiny annual sow-thistle	5.7	0.6	10.5	< 0.1	0.7	1.6	2.3
24	Goat's-beard	7.1	0.4	5.0	< 0.1	0.2	0.2	2.2
25	Persian damel	2.1	1.2	55.0	0.1	3.2	3.2	2.2
26	Round-leaved mallow	4.4	0.6	12.8	< 0.1	1.0	1.4	2.0
27	Lentil	4.8	0.5	10.0	< 0.1	0.6	0.8	1.9
28	Tumble pigweed	4.4	0.5	12.2	< 0.1	0.5	0.8	1.8
29	Alfalfa	2.1	0.6	30.0	< 0.1	1.6	1.6	1.4
30	Prostrate knotweed	4.3	0.2	5.0	< 0.1	0.2	0.2	1.3
31	Redroot pigweed	2.1	0.5	25.0	< 0.1	1.2	1.2	1.3
32	Foxtail barley	2.1	0.3	15.0	0.1	2.6	2.6	1.2
33	Cocklebur	2.1	0.3	15.0	< 0.1	0.8	0.8	1.0
34	American vetch	2.9	0.1	5.0	< 0.1	0.2	0.2	0.9
35	Scentless chamomile	2.3	0.2	10.0	< 0.1	0.6	0.6	0.9
36	Blue lettuce	2.1	0.2	10.0	< 0.1	1.2	1.2	0.9
37	Tumble mustard	2.1	0.2	10.0	< 0.1	0.4	0.4	0.8
38	Annual sow-thistle	2.4	0.1	5.0	< 0.1	0.2	0.2	0.8
39	Black medick	2.2	0.1	5.0	< 0.1	0.4	0.4	0.7
40	Bluebur	2.1	0.1	5.0	< 0.1	0.4	0.4	0.7
41	Yellow sweet-clover	2.2	0.1	5.0	< 0.1	0.2	0.2	0.7
42	Cow cockle	2.1	0.1	5.0	< 0.1	0.2	0.2	0.7
43	Skeletonweed	2.1	0.1	5.0	< 0.1	0.2	0.2	0.7
44	Goldenrod species	2.1	0.1	5.0	< 0.1	0.2	0.2	0.7
45	Sunflower species	1.8	0.1	5.0	< 0.1	0.2	0.2	0.6

Field Survey Summary Tables – Southeastern Saskatchewan

Table 88. 2014/15 Annual crops in Southeastern Saskatchewan (450 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	49.3	24.0	48.8	14.0	28.4	510.4	52.9
2	Wild buckwheat	56.4	18.1	32.1	2.0	3.5	53.6	23.1
3	Wild oats	30.0	11.5	38.2	2.6	8.5	104.6	16.8
4	Canola/rapeseed	34.8	11.2	32.3	2.0	5.7	158.0	16.1
5	Spiny annual sow-thistle	26.1	7.9	30.4	2.2	8.5	545.2	13.4
6	Lamb's-quarters	27.9	8.0	28.6	2.1	7.4	154.4	13.4
7	Dandelion	30.8	9.4	30.4	1.3	4.4	110.2	12.9
8	Canada thistle	36.8	7.2	19.5	0.8	2.2	16.2	11.4
9	Barnyard grass species	16.6	5.1	31.0	2.0	11.9	390.6	9.9
10	Redroot pigweed	21.6	5.7	26.6	1.5	6.8	139.0	9.8
11	Shepherd's-purse	21.5	6.3	29.3	1.0	4.8	47.2	9.1
12	Wheat	16.1	6.3	39.3	1.2	7.4	49.6	8.7
13	Round-leaved mallow	25.2	5.9	23.6	0.7	2.6	28.4	8.6
14	Kochia	20.2	5.1	25.1	0.7	3.6	43.8	7.5
15	Foxtail barley	19.7	4.6	23.6	0.7	3.6	70.6	7.2
16	Perennial sow-thistle	10.1	3.0	29.4	1.4	13.9	389.8	6.4
17	Biennial wormwood	20.6	3.8	18.4	0.4	1.8	27.0	6.1
18	Wild mustard	10.8	3.9	36.3	0.7	6.6	64.8	5.4
19	False cleavers	12.1	3.5	29.2	0.5	3.9	21.2	4.9
20	Flax	6.5	2.6	40.2	0.8	12.1	110.4	4.2
21	Stinkweed	11.5	2.7	23.8	0.3	2.6	13.8	3.9
22	Annual spurge species	12.5	2.4	19.3	0.2	1.7	15.2	3.7
23	Night-flowering catchfly	7.3	1.8	25.3	0.5	7.0	71.0	3.3
24	Black medick	9.0	2.3	25.8	0.2	2.5	19.0	3.2
25	Broad-leaved plantain	7.1	1.2	16.7	0.2	2.8	26.6	2.2
26	Pale smartweed	6.0	1.1	19.2	0.2	4.1	52.0	2.1
27	Annual brome species	2.0	0.8	38.2	0.6	27.6	140.0	2.0
28	Quack grass	1.2	0.5	42.6	0.6	52.1	271.8	1.9
29	Alfalfa	4.4	1.5	33.4	0.2	3.7	16.4	1.9
30	Russian thistle	3.7	1.2	31.7	0.2	4.4	24.4	1.6
31	Narrow-leaved hawk's-beard	5.7	0.8	14.7	0.1	1.6	12.2	1.5
32	Dock species	5.9	0.8	13.8	0.1	1.1	12.8	1.5
33	Tumble pigweed	4.6	1.0	22.2	0.1	1.6	7.4	1.5
34	Canada fleabane	4.0	0.7	17.3	0.1	1.6	10.8	1.1
35	Chickweed	4.0	0.5	13.0	0.1	1.4	8.2	1.0
36	Prostrate knotweed	3.5	0.6	16.0	0.1	1.9	18.6	1.0
37	Northern willowherb	3.0	0.6	20.6	0.1	2.3	11.8	1.0
38	Rough cinquefoil	3.7	0.5	13.0	< 0.1	1.0	11.4	0.9
39	Scentless chamomile	2.3	0.5	20.2	0.1	4.0	17.8	0.8
40	Cow cockle	2.2	0.6	25.9	0.1	3.7	21.8	0.8
41	Yellow foxtail	1.6	0.5	31.8	0.1	7.0	43.4	0.8
42	Prickly lettuce	2.9	0.4	15.2	< 0.1	1.4	9.6	0.8
43	Yellow sweet-clover	2.6	0.5	17.4	< 0.1	1.9	15.2	0.8
44	Canary grass	0.3	0.3	100.0	0.2	79.6	79.6	0.7
45	Purslane	2.8	0.3	10.5	< 0.1	1.4	6.0	0.7
46	Hemp-nettle	2.4	0.4	14.8	0.1	2.3	15.0	0.7
47	Common pepper-grass	2.6	0.3	11.5	< 0.1	0.6	1.6	0.6
48	Absinth	2.1	0.2	11.6	0.1	2.8	13.6	0.6
49	Bluebur	1.9	0.3	15.5	< 0.1	0.9	2.4	0.5
50	Barley	1.1	0.4	37.1	< 0.1	3.9	10.8	0.5
51	Golden dock	1.1	0.3	27.8	< 0.1	4.0	8.6	0.5
52	Flixweed	1.9	0.2	9.1	< 0.1	0.6	1.8	0.4

(Table continued on next page)

Table 88. 2014/15 Annual crops in Southeastern Saskatchewan (450 fields) (continued)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Oats	0.3	0.3	100.0	0.1	36.0	36.0	0.4
54	Scouler's popcomflower	0.3	0.2	90.0	0.1	39.4	39.4	0.4
55	Annual sow-thistle	1.5	0.2	10.7	<0.1	1.0	2.6	0.4
56	Marsh yellow cress	1.7	0.1	5.7	<0.1	0.3	0.4	0.3
57	Field pea	1.7	0.1	6.4	<0.1	0.3	0.6	0.3
58	Oak-leaved goosefoot	1.2	0.2	15.0	<0.1	1.0	3.2	0.3
59	Persian damel	1.0	0.1	14.9	<0.1	1.0	3.2	0.3
60	Low cudweed	1.1	0.1	8.5	<0.1	0.7	1.8	0.2
61	Pineappleweed	0.9	0.1	17.3	<0.1	0.8	1.4	0.2
62	Proso millet	0.2	0.2	85.0	0.1	28.6	28.6	0.2
63	Rayless aster	1.0	0.1	10.2	<0.1	0.4	0.8	0.2
64	American vetch	1.0	0.1	7.5	<0.1	0.7	1.4	0.2
65	Field bindweed	0.6	0.2	30.0	<0.1	2.1	2.4	0.2
66	Wormseed mustard	0.9	0.1	12.5	<0.1	0.6	0.8	0.2
67	Goat's-beard	0.6	0.2	26.1	<0.1	2.0	4.0	0.2
68	Common yellow wood-sorrel	0.9	0.1	10.2	<0.1	0.8	1.2	0.2
69	Prostrate pigweed	1.0	0.1	6.2	<0.1	0.4	0.6	0.2
70	Lentil	0.8	0.1	12.7	<0.1	1.2	3.2	0.2
71	Conoid catchfly	0.3	0.2	70.0	<0.1	7.8	7.8	0.2
72	Clover species	0.6	0.1	15.4	<0.1	1.3	2.2	0.2
73	Purslane speedwell	0.9	<0.1	5.0	<0.1	0.2	0.4	0.2
74	Hemp	0.3	0.1	55.0	<0.1	5.0	5.0	0.1
75	Soybean	0.5	0.1	17.5	<0.1	0.7	0.8	0.1
76	Siberian elm	0.6	<0.1	5.6	<0.1	0.2	0.4	0.1
77	Slough grass	0.5	<0.1	10.0	<0.1	0.6	0.8	0.1
78	Striate knotweed	0.4	0.1	12.3	<0.1	0.9	1.4	0.1
79	Sunflower species	0.4	<0.1	7.8	<0.1	0.3	0.4	0.1
80	Small bugloss	0.3	0.1	25.0	<0.1	1.2	1.2	0.1
81	Common groundsel	0.3	<0.1	15.0	<0.1	2.8	2.8	0.1
82	False ragweed	0.1	0.1	85.0	<0.1	12.6	12.6	0.1
83	Thyme-leaved sandwort	0.3	0.1	20.0	<0.1	0.8	0.8	0.1
84	Water smartweed	0.3	<0.1	10.0	<0.1	2.2	2.2	0.1
85	Corn gromwell	0.3	<0.1	10.0	<0.1	0.8	0.8	0.1
86	Cocklebur	0.3	<0.1	5.0	<0.1	0.2	0.2	0.1
87	Stork's-bill	0.2	<0.1	20.0	<0.1	1.8	1.8	0.1
88	Manitoba maple	0.3	<0.1	5.0	<0.1	0.2	0.2	0.1
89	Field horsetail	0.3	<0.1	10.0	<0.1	0.4	0.4	0.1
90	Dog mustard	0.3	<0.1	10.0	<0.1	0.4	0.4	0.1
91	Five-hooked bassia	0.2	<0.1	10.0	<0.1	1.0	1.0	0.1
92	Blue grass species	0.2	<0.1	10.0	<0.1	0.6	0.6	0.1
93	Pygmyflower	0.3	<0.1	5.0	<0.1	1.0	1.0	0.1
94	Blue lettuce	0.3	<0.1	5.0	<0.1	0.2	0.2	0.1
95	Spike-rush species	0.3	<0.1	5.0	<0.1	0.4	0.4	<0.1
96	Ball mustard	0.3	<0.1	5.0	<0.1	0.2	0.2	<0.1
97	Milk-vetch species	0.3	<0.1	5.0	<0.1	0.2	0.2	<0.1
98	Wild tomato	0.3	<0.1	5.0	<0.1	0.2	0.2	<0.1
99	Goldenrod species	0.3	<0.1	5.0	<0.1	0.2	0.2	<0.1
100	Toad rush	0.3	<0.1	5.0	<0.1	0.2	0.2	<0.1
101	Beggarticks species	0.3	<0.1	5.0	<0.1	0.2	0.2	<0.1
102	Clammy hedge-hyssop	0.3	<0.1	5.0	<0.1	0.2	0.2	<0.1
103	Smooth brome	0.2	<0.1	10.0	<0.1	1.6	1.6	<0.1
104	Tumble mustard	0.3	<0.1	5.0	<0.1	0.2	0.2	<0.1

(Table continued on next page)

Field Survey Summary Tables – Southeastern Saskatchewan

Table 88. 2014/15 Annual crops in Southeastern Saskatchewan (450 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
105	Willow species	0.3	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
106	Pasture sage	0.2	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
107	Skeletonweed	0.2	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
108	American dragonhead	0.2	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
109	Bicknell's geranium	0.2	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
110	Big bluestem	0.2	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
111	Beaked hazelnut	0.2	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
112	Spear-leaved goosefoot	0.2	< 0.1	5.0	< 0.1	0.3	0.4	< 0.1
113	Water horsetail	< 0.1	< 0.1	30.0	< 0.1	11.0	11.0	< 0.1
114	Common burdock	0.1	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1

Field Survey Summary Tables – Spring wheat in Southeastern Saskatchewan

Table 89. 2014/15 Spring wheat in Southeastern Saskatchewan (110 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	66.4	34.9	52.5	21.8	32.7	451.4	64.7
2	Wild buckwheat	72.9	24.2	33.2	2.8	3.8	53.6	25.5
3	Wild oats	36.1	17.0	47.0	4.1	11.3	72.4	19.8
4	Dandelion	42.5	15.7	36.8	3.3	7.8	110.2	18.7
5	Canola/rapeseed	42.1	13.6	32.2	2.3	5.4	74.6	15.8
6	Lamb's-quarters	31.8	9.7	30.6	2.0	6.3	99.8	12.2
7	Foxtail barley	36.9	9.4	25.6	1.1	2.9	19.2	11.0
8	Canada thistle	38.6	8.3	21.5	0.9	2.2	15.6	10.3
9	Shepherd's-purse	28.0	8.1	28.8	1.5	5.3	47.2	10.0
10	Round-leaved mallow	33.0	7.2	21.7	0.9	2.8	28.4	9.2
11	Biennial wormwood	28.0	6.2	22.2	0.8	2.9	27.0	7.9
12	Redroot pigweed	24.1	6.0	24.8	1.1	4.5	47.8	7.9
13	Barnyard grass species	18.0	5.6	31.1	1.4	8.0	39.0	7.5
14	Spiny annual sow-thistle	25.9	6.6	25.5	0.6	2.5	14.0	7.5
15	Flax	7.4	4.2	57.6	2.4	32.3	110.4	7.3
16	Kochia	21.8	5.2	24.0	0.6	3.0	25.4	6.4
17	False cleavers	18.5	5.1	27.4	0.8	4.2	21.2	6.1
18	Wild mustard	10.1	4.4	44.2	1.2	11.8	64.8	5.5
19	Night-flowering catchfly	10.7	3.1	29.4	0.8	7.4	48.8	4.3
20	Stinkweed	11.3	3.4	30.1	0.4	3.9	13.8	3.8
21	Black medick	11.6	3.2	27.8	0.3	2.5	5.8	3.5
22	Perennial sow-thistle	7.7	2.3	30.0	0.3	4.0	16.0	2.6
23	Annual spurge species	7.7	2.1	27.2	0.3	3.3	15.2	2.4
24	Prostrate knotweed	7.8	1.7	21.6	0.2	3.0	18.6	2.2
25	Pale smartweed	7.7	1.6	20.1	0.2	2.7	11.2	2.1
26	Canada fleabane	8.2	1.5	18.6	0.1	1.5	7.4	2.0
27	Broad-leaved plantain	8.1	1.0	11.9	0.1	0.8	2.6	1.6
28	Narrow-leaved hawk's-beard	5.4	1.5	27.4	0.1	2.3	7.8	1.6
29	Russian thistle	4.8	1.4	29.4	0.1	2.9	9.6	1.5
30	Prickly lettuce	5.2	1.2	22.3	0.1	2.5	9.6	1.4
31	Tumble pigweed	3.5	1.3	36.9	0.1	3.2	7.4	1.3
32	Yellow foxtail	2.9	1.0	34.1	0.2	7.8	43.4	1.2
33	Chickweed	5.8	0.7	12.5	< 0.1	0.8	3.0	1.2
34	Hemp-nettle	4.8	0.5	10.7	< 0.1	0.9	1.4	0.9
35	Alfalfa	3.8	0.5	13.3	0.1	1.7	4.2	0.9
36	Rough cinquefoil	4.4	0.5	11.1	< 0.1	0.7	1.0	0.8
37	Common pepper-grass	3.5	0.7	20.0	< 0.1	1.0	1.6	0.8
38	Dock species	4.6	0.4	8.6	< 0.1	0.4	1.0	0.8
39	Absinth	3.6	0.2	6.6	0.1	1.7	4.8	0.7
40	Bluebur	2.5	0.5	18.0	< 0.1	0.8	1.4	0.6
41	Scentless chamomile	3.1	0.2	5.0	< 0.1	1.1	2.8	0.5
42	Cow cockle	2.1	0.4	18.4	< 0.1	1.0	1.6	0.5
43	Goat's-beard	1.1	0.6	50.0	< 0.1	4.0	4.0	0.5
44	American vetch	2.2	0.2	10.0	< 0.1	1.1	1.4	0.4
45	Clover species	1.9	0.3	15.5	< 0.1	1.0	2.0	0.4
46	Rayless aster	2.1	0.3	12.9	< 0.1	0.5	0.8	0.4
47	Field bindweed	1.3	0.4	30.0	< 0.1	1.8	1.8	0.4
48	Barley	1.0	0.4	40.0	< 0.1	3.2	3.2	0.3
49	Pineappleweed	1.1	0.4	35.0	< 0.1	1.4	1.4	0.3
50	Lentil	1.0	0.2	25.0	< 0.1	3.2	3.2	0.3
51	Low cudweed	1.5	0.2	12.7	< 0.1	0.5	0.6	0.3
52	Annual brome species	1.0	0.1	15.0	< 0.1	4.8	4.8	0.3

(Table continued on next page)

Field Survey Summary Tables – Spring wheat in Southeastern Saskatchewan

Table 89. 2014/15 Spring wheat in Southeastern Saskatchewan (110 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Purslane	1.6	0.1	8.0	<0.1	0.4	1.4	0.3
54	Siberian elm	1.6	0.1	6.1	<0.1	0.2	0.4	0.3
55	Thyme-leaved sandwort	1.1	0.2	20.0	<0.1	0.8	0.8	0.3
56	Flixweed	1.1	0.2	13.9	<0.1	1.6	1.8	0.2
57	Northern willowherb	1.2	0.1	13.0	<0.1	0.9	1.2	0.2
58	Cocklebur	1.5	0.1	5.0	<0.1	0.2	0.2	0.2
59	Soybean	1.1	0.2	15.0	<0.1	0.6	0.6	0.2
60	Golden dock	1.1	0.1	10.0	<0.1	0.4	0.4	0.2
61	Five-hooked bassia	1.0	0.1	10.0	<0.1	1.0	1.0	0.2
62	Yellow sweet-clover	1.1	0.1	5.0	<0.1	0.4	0.4	0.2
63	Striate knotweed	0.8	0.1	15.0	<0.1	1.4	1.4	0.2
64	Marsh yellow cress	1.1	0.1	5.0	<0.1	0.4	0.4	0.2
65	Common yellow wood-sorrel	1.1	0.1	5.0	<0.1	0.2	0.2	0.2
66	Wormseed mustard	1.1	0.1	5.0	<0.1	0.2	0.2	0.2
67	Smooth brome	0.8	0.1	10.0	<0.1	1.6	1.6	0.2
68	Pasture sage	1.0	<0.1	5.0	<0.1	0.2	0.2	0.2
69	American dragonhead	0.8	<0.1	5.0	<0.1	0.2	0.2	0.1
70	Beaked hazelnut	0.8	<0.1	5.0	<0.1	0.2	0.2	0.1
71	Spear-leaved goosefoot	0.3	<0.1	5.0	<0.1	0.4	0.4	0.1
72	Common burdock	0.3	<0.1	5.0	<0.1	0.2	0.2	0.1

Field Survey Summary Tables – Durum in Southeastern Saskatchewan

Table 90. 2014/15 Durum in Southeastern Saskatchewan (61 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	34.1	14.2	41.8	7.2	21.0	202.8	64.1
2	Wild buckwheat	37.5	10.0	26.8	0.9	2.3	9.6	25.7
3	Redroot pigweed	15.6	5.0	31.9	2.3	14.5	102.8	22.0
4	Wild oats	13.4	5.9	44.1	2.1	15.5	48.2	21.5
5	Canada thistle	38.3	5.0	13.2	0.6	1.5	4.4	18.8
6	Lamb's-quarters	18.2	5.0	27.5	0.4	1.9	6.4	12.3
7	Canola/rapeseed	21.0	3.9	18.7	0.4	1.9	11.4	12.1
8	Wild mustard	16.7	4.7	28.3	0.3	1.8	4.8	11.3
9	Kochia	18.6	3.0	16.0	0.2	1.0	2.8	9.2
10	Flax	8.5	2.6	30.6	0.6	7.4	32.6	8.6
11	Round-leaved mallow	13.9	2.7	19.7	0.3	2.0	8.4	8.2
12	Russian thistle	7.1	2.6	36.5	0.6	8.3	24.4	7.9
13	Barnyard grass species	9.1	3.1	34.2	0.3	3.2	11.6	7.4
14	Spiny annual sow-thistle	12.5	2.2	17.9	0.3	2.3	13.8	7.3
15	Cow cockle	5.2	2.8	53.7	0.5	9.5	21.8	7.1
16	Annual spurge species	15.2	1.9	12.6	0.2	1.0	2.0	6.9
17	Foxtail barley	9.7	1.9	19.7	0.2	1.9	5.0	5.7
18	Dandelion	9.7	1.5	15.8	0.1	1.0	2.0	4.8
19	Perennial sow-thistle	11.3	1.1	10.0	0.1	0.9	2.8	4.8
20	Annual brome species	1.6	1.1	70.0	0.4	27.0	27.0	4.1
21	Stinkweed	5.4	1.4	26.0	0.1	1.5	2.8	3.4
22	Dock species	8.0	0.6	7.9	< 0.1	0.5	1.6	3.0
23	Biennial wormwood	6.6	0.7	10.9	0.1	0.8	1.6	2.8
24	Persian damel	5.2	0.9	17.8	0.1	1.2	3.2	2.7
25	Tumble pigweed	7.2	0.4	5.0	< 0.1	0.2	0.2	2.3
26	Wheat	3.2	0.9	27.5	0.1	2.3	3.0	2.2
27	Field pea	5.2	0.4	8.1	< 0.1	0.3	0.6	1.9
28	Narrow-leaved hawk's-beard	3.2	0.4	12.3	< 0.1	1.1	2.0	1.4
29	Field bindweed	1.9	0.6	30.0	< 0.1	2.4	2.4	1.4
30	Flixweed	4.0	0.2	5.0	< 0.1	0.3	0.4	1.3
31	Lentil	3.6	0.3	7.2	< 0.1	0.3	0.4	1.3
32	Shepherd's-purse	3.5	0.3	7.2	< 0.1	0.4	0.6	1.3
33	Common pepper-grass	3.5	0.2	5.0	< 0.1	0.3	0.4	1.2
34	Prostrate knotweed	2.0	0.4	20.0	< 0.1	1.0	1.0	1.1
35	Alfalfa	1.6	0.4	25.0	< 0.1	1.2	1.2	0.9
36	Prostrate pigweed	2.0	0.1	5.0	< 0.1	0.6	0.6	0.7
37	Pale smartweed	1.6	0.2	10.0	< 0.1	0.4	0.4	0.6
38	Blue lettuce	1.9	0.1	5.0	< 0.1	0.2	0.2	0.6

Field Survey Summary Tables – Barley in Southeastern Saskatchewan

Table 91. 2014/15 Barley in Southeastern Saskatchewan (18 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	49.8	29.8	59.9	29.0	58.3	207.4	43.4
2	Barnyard grass species	27.6	18.4	66.4	33.2	120.0	390.6	41.0
3	Dandelion	58.5	27.1	46.3	4.3	7.4	23.4	19.8
4	Lamb's-quarters	29.3	15.2	51.9	8.8	30.1	132.8	16.9
5	Wild buckwheat	64.4	18.8	29.2	1.3	2.0	5.0	14.8
6	Canola/rapeseed	61.7	17.8	28.9	1.8	2.9	12.4	14.6
7	Wild oats	33.6	18.2	54.3	4.9	14.6	55.6	14.6
8	Canada thistle	54.9	17.3	31.5	2.2	4.1	14.4	14.1
9	Shepherd's-purse	44.3	15.0	33.9	2.8	6.3	21.2	12.7
10	Redroot pigweed	39.6	12.5	31.6	1.5	3.8	18.8	10.1
11	Round-leaved mallow	36.6	10.6	29.0	1.7	4.7	10.4	9.3
12	Foxtail barley	32.8	8.4	25.6	1.0	3.0	12.8	7.5
13	Perennial sow-thistle	20.1	9.0	44.9	1.1	5.7	9.6	6.4
14	False cleavers	19.3	9.1	47.3	1.0	4.9	11.6	6.1
15	Spiny annual sow-thistle	19.0	9.2	48.3	0.6	3.3	6.4	5.8
16	Biennial wormwood	32.6	5.0	15.4	0.4	1.3	9.6	5.8
17	Night-flowering catchfly	30.2	5.9	19.4	0.3	1.1	2.0	5.7
18	Oats	7.1	7.1	100.0	2.6	36.0	36.0	5.6
19	Scentless chamomile	13.9	5.8	41.9	1.3	9.4	17.8	4.8
20	Black medick	19.3	5.5	28.7	0.7	3.7	9.4	4.7
21	Kochia	23.5	4.3	18.5	0.4	1.7	3.4	4.5
22	Hemp-nettle	14.1	4.6	32.6	1.1	7.8	15.0	4.2
23	Broad-leaved plantain	14.1	3.1	22.1	0.3	1.8	2.6	2.9
24	Rough cinquefoil	14.2	2.9	20.8	0.2	1.7	2.2	2.8
25	Yellow sweet-clover	12.2	2.7	22.0	0.2	1.6	3.2	2.5
26	Stinkweed	13.1	2.3	17.3	0.1	1.1	1.4	2.4
27	Narrow-leaved hawk's-beard	12.0	1.6	13.5	0.1	0.9	1.2	2.0
28	Pale smartweed	14.4	1.0	6.8	< 0.1	0.3	0.4	2.0
29	Dock species	7.0	2.8	40.0	0.2	3.0	3.0	1.9
30	Flax	7.3	1.1	15.0	0.1	1.2	1.2	1.3
31	Chickweed	9.5	0.5	5.0	< 0.1	0.2	0.4	1.3
32	Yellow foxtail	2.2	1.7	80.0	0.4	19.4	19.4	1.2
33	Wormseed mustard	7.1	1.1	15.0	0.1	0.8	0.8	1.2
34	Common pepper-grass	7.3	0.9	12.0	0.1	0.7	0.8	1.2
35	Bluebur	6.8	1.0	15.0	< 0.1	0.6	0.6	1.2
36	Canada fleabane	2.2	1.5	70.0	0.2	10.8	10.8	1.0
37	Pygmyflower	6.8	0.3	5.0	0.1	1.0	1.0	1.0
38	Annual spurge species	7.1	0.4	5.0	< 0.1	0.4	0.4	0.9
39	Russian thistle	5.2	0.3	5.0	< 0.1	0.2	0.2	0.7
40	Purslane	2.2	0.1	5.0	0.1	3.2	3.2	0.3

Field Survey Summary Tables – Oat in Southeastern Saskatchewan

Table 92. 2014/15 Oat in Southeastern Saskatchewan (26 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	82.9	50.5	60.9	44.4	53.6	510.4	70.3
2	Lamb's-quarters	44.4	22.1	49.9	12.8	28.9	154.4	25.0
3	Wild buckwheat	75.8	32.7	43.1	4.8	6.3	30.0	23.6
4	Redroot pigweed	39.0	14.5	37.3	4.3	11.0	78.4	13.2
5	Dandelion	46.4	16.1	34.7	2.1	4.5	16.4	12.3
6	Foxtail barley	29.4	8.6	29.3	2.4	8.3	49.2	8.4
7	Wild oats	30.5	11.0	36.0	1.6	5.1	15.0	8.4
8	Shepherd's-purse	28.7	9.3	32.4	2.0	6.9	33.0	8.1
9	Canada thistle	42.3	8.3	19.6	0.8	1.9	4.6	8.0
10	Night-flowering catchfly	14.1	6.0	42.7	4.3	30.3	71.0	7.8
11	Biennial wormwood	38.9	7.5	19.3	0.9	2.3	11.6	7.5
12	Canola/rapeseed	39.9	6.6	16.4	0.4	1.0	5.6	6.7
13	Spiny annual sow-thistle	25.0	9.3	37.1	1.0	3.8	11.8	6.7
14	Wild mustard	16.3	7.8	47.7	1.6	9.7	28.2	5.9
15	Round-leaved mallow	30.2	6.7	22.1	0.5	1.7	7.4	5.9
16	Broad-leaved plantain	21.6	3.8	17.8	1.5	6.8	26.6	5.0
17	Alfalfa	13.3	8.1	61.0	0.9	6.9	15.4	5.0
18	Pale smartweed	11.7	4.8	40.6	2.0	16.8	52.0	4.8
19	Stinkweed	15.9	6.4	40.1	0.7	4.7	8.2	4.5
20	Barnyard grass species	12.4	6.1	49.6	0.9	7.2	14.0	4.2
21	Black medick	16.8	5.7	33.7	0.4	2.2	3.8	4.0
22	Wheat	17.9	3.6	20.3	0.4	2.0	5.2	3.4
23	Scouler's popcomflower	4.3	3.8	90.0	1.7	39.4	39.4	3.4
24	Tumble pigweed	11.1	3.6	32.1	0.2	2.1	4.0	2.6
25	Kochia	11.6	2.6	22.5	0.3	2.8	6.2	2.4
26	Barley	8.1	3.3	40.7	0.4	5.2	10.8	2.4
27	Quack grass	4.3	2.3	55.0	1.1	25.4	25.4	2.3
28	Absinth	8.5	2.1	25.0	0.7	8.0	13.6	2.3
29	Russian thistle	7.4	3.0	40.1	0.4	5.9	13.8	2.2
30	Bluebur	12.5	2.2	17.4	0.2	1.3	2.4	2.2
31	Proso millet	3.0	2.5	85.0	0.9	28.6	28.6	2.0
32	Perennial sow-thistle	7.6	2.3	30.0	0.3	3.9	7.2	1.8
33	Conoid catchfly	4.4	3.1	70.0	0.3	7.8	7.8	1.8
34	Annual spurge species	11.8	1.2	10.4	0.1	0.7	1.6	1.7
35	Prostrate knotweed	10.9	1.1	10.0	0.1	1.1	2.0	1.6
36	Narrow-leaved hawk's-beard	8.5	1.1	12.5	0.1	0.9	1.0	1.3
37	Dock species	8.2	1.2	14.3	0.1	0.9	1.4	1.3
38	Chickweed	4.3	1.5	35.0	0.3	8.2	8.2	1.3
39	False cleavers	8.7	0.6	7.4	0.1	1.1	1.8	1.2
40	Northern willowherb	9.1	0.5	5.5	0.1	0.6	2.0	1.2
41	Rough cinquefoil	8.6	0.7	7.5	0.1	0.6	0.8	1.2
42	Canada fleabane	6.1	1.0	16.5	0.1	2.3	10.8	1.1
43	Yellow sweet-clover	8.2	0.4	5.0	< 0.1	0.5	0.8	1.0
44	Common groundsel	4.3	0.6	15.0	0.1	2.8	2.8	0.8
45	Purslane	4.3	0.6	15.0	0.1	2.2	2.2	0.8
46	Pineappleweed	4.3	0.6	15.0	< 0.1	1.0	1.0	0.7
47	Flixweed	3.8	0.8	20.0	< 0.1	1.0	1.0	0.7
48	Wormseed mustard	4.3	0.6	15.0	< 0.1	0.6	0.6	0.7
49	Slough grass	4.4	0.4	10.0	< 0.1	0.8	0.8	0.6
50	Manitoba maple	5.1	0.3	5.0	< 0.1	0.2	0.2	0.6
51	Prickly lettuce	4.3	0.4	10.0	< 0.1	0.8	0.8	0.6
52	Field horsetail	4.3	0.4	10.0	< 0.1	0.4	0.4	0.6

(Table continued on next page)

Field Survey Summary Tables – Oat in Southeastern Saskatchewan

Table 92. 2014/15 Oat in Southeastern Saskatchewan (26 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Spike-rush species	4.4	0.2	5.0	< 0.1	0.4	0.4	0.5
54	Rayless aster	4.4	0.2	5.0	< 0.1	0.2	0.2	0.5
55	Low cudweed	4.4	0.2	5.0	< 0.1	0.2	0.2	0.5
56	Toad rush	4.4	0.2	5.0	< 0.1	0.2	0.2	0.5
57	Clammy hedge-hyssop	4.4	0.2	5.0	< 0.1	0.2	0.2	0.5
58	Oak-leaved goosefoot	3.8	0.4	10.0	< 0.1	0.4	0.4	0.5
59	Annual sow-thistle	4.3	0.2	5.0	< 0.1	0.4	0.4	0.5
60	Tumble mustard	4.3	0.2	5.0	< 0.1	0.2	0.2	0.5
61	Purslane speedwell	4.3	0.2	5.0	< 0.1	0.2	0.2	0.5
62	Marsh yellow cress	3.9	0.2	5.0	< 0.1	0.2	0.2	0.5
63	Skeletonweed	3.9	0.2	5.0	< 0.1	0.2	0.2	0.5
64	Persian damel	3.8	0.2	5.0	< 0.1	0.2	0.2	0.5
65	Common pepper-grass	3.7	0.2	5.0	< 0.1	0.2	0.4	0.5
66	Water horsetail	0.5	0.1	30.0	0.1	11.0	11.0	0.2
67	Common yellow wood-sorrel	0.5	< 0.1	10.0	< 0.1	1.0	1.0	0.1

Table 93. 2014/15 Canola in Southeastern Saskatchewan (123 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	40.1	19.0	47.4	7.5	18.7	178.6	37.9
2	Spiny annual sow-thistle	29.6	10.6	35.7	6.2	21.0	545.2	27.8
3	Wheat	30.3	15.2	50.2	3.1	10.4	49.6	22.4
4	Wild buckwheat	46.6	14.0	30.0	1.1	2.3	10.8	19.0
5	Wild oats	27.8	10.3	37.2	1.9	7.0	42.4	15.9
6	Perennial sow-thistle	7.8	2.4	30.4	4.2	52.9	389.8	13.8
7	Shepherd's-purse	31.0	8.6	27.6	1.3	4.2	21.0	13.7
8	Dandelion	31.6	8.3	26.4	0.6	2.0	12.8	11.9
9	Canola/rapeseed	17.5	6.7	38.2	1.1	6.3	60.6	9.8
10	Round-leaved mallow	23.2	5.6	24.2	0.5	2.0	7.8	8.4
11	False cleavers	17.7	5.6	31.8	0.7	4.1	18.8	8.2
12	Lamb's-quarters	26.8	3.9	14.6	0.4	1.4	10.4	7.8
13	Canada thistle	27.3	3.9	14.2	0.3	1.3	7.8	7.8
14	Redroot pigweed	22.5	4.8	21.2	0.4	2.0	12.0	7.8
15	Biennial wormwood	25.4	4.5	17.7	0.3	1.0	3.2	7.6
16	Kochia	16.1	5.1	31.7	0.6	3.7	30.8	7.3
17	Barnyard grass species	15.1	4.8	31.5	0.7	4.4	19.2	7.1
18	Annual brome species	4.1	2.1	52.0	1.8	45.6	140.0	6.9
19	Foxtail barley	11.4	2.7	23.9	0.8	6.7	70.6	5.5
20	Flax	7.5	3.8	50.8	0.4	5.6	11.8	4.7
21	Stinkweed	11.9	1.7	14.2	0.1	1.2	4.6	3.4
22	Annual spurge species	10.2	1.8	17.1	0.1	1.3	4.4	3.1
23	Canary grass	1.0	1.0	100.0	0.8	79.6	79.6	3.0
24	Broad-leaved plantain	9.4	1.5	15.6	0.1	1.5	10.2	2.8
25	Northern willowherb	5.4	1.9	35.0	0.2	4.3	11.8	2.7
26	Alfalfa	4.8	2.0	41.4	0.2	5.0	16.4	2.6
27	Black medick	8.3	1.4	16.8	0.1	1.3	5.8	2.5
28	Chickweed	7.9	1.0	12.1	0.1	1.1	5.0	2.1
29	Pale smartweed	4.1	1.0	25.4	0.2	5.7	20.4	1.9
30	Tumble pigweed	3.9	1.2	31.9	0.1	2.4	7.0	1.6
31	Purslane	4.8	0.7	13.7	0.1	2.1	6.0	1.5
32	Scentless chamomile	3.3	0.7	20.3	0.1	3.9	10.8	1.3
33	Canada fleabane	4.3	0.7	15.6	0.1	1.3	4.4	1.3
34	Night-flowering catchfly	3.8	0.7	18.7	0.1	1.6	4.8	1.2
35	Dock species	4.8	0.5	11.2	< 0.1	0.9	3.0	1.2
36	Yellow sweet-clover	2.5	0.8	29.9	0.1	4.9	15.2	1.2
37	Yellow foxtail	2.3	0.7	29.8	0.1	6.5	12.2	1.2
38	Golden dock	2.0	0.7	35.5	0.1	6.2	8.6	1.1
39	Oak-leaved goosefoot	3.5	0.6	16.3	< 0.1	1.2	3.2	1.0
40	Wild mustard	3.0	0.6	21.3	0.1	2.0	2.8	1.0
41	Narrow-leaved hawk's-beard	3.4	0.5	15.0	< 0.1	1.0	2.6	1.0
42	Prickly lettuce	3.8	0.5	11.8	< 0.1	0.6	1.2	1.0
43	Rough cinquefoil	3.1	0.5	16.7	0.1	1.6	11.4	1.0
44	Russian thistle	1.9	0.6	32.6	< 0.1	2.2	3.4	0.8
45	Barley	1.3	0.4	30.3	< 0.1	2.3	2.8	0.5
46	Absinth	2.0	0.2	10.0	< 0.1	0.7	1.2	0.5
47	Hemp-nettle	1.7	0.1	7.1	< 0.1	0.3	0.4	0.4
48	Small bugloss	1.0	0.3	25.0	< 0.1	1.2	1.2	0.3
49	Prostrate knotweed	1.7	0.1	5.0	< 0.1	0.2	0.2	0.3
50	Common yellow wood-sorrel	1.2	0.2	15.0	< 0.1	1.2	1.2	0.3
51	False ragweed	0.3	0.3	85.0	< 0.1	12.6	12.6	0.3
52	Soybean	1.0	0.2	20.0	< 0.1	0.8	0.8	0.3

(Table continued on next page)

Field Survey Summary Tables – Canola in Southeastern Saskatchewan

Table 93. 2014/15 Canola in Southeastern Saskatchewan (123 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Corn gromwell	1.1	0.1	10.0	<0.1	0.8	0.8	0.3
54	Annual sow-thistle	1.0	0.1	10.0	<0.1	1.2	1.2	0.3
55	Pineappleweed	1.3	0.1	5.0	<0.1	0.2	0.2	0.3
56	Stork's-bill	0.7	0.1	20.0	<0.1	1.8	1.8	0.2
57	Common pepper-grass	1.0	0.1	10.0	<0.1	0.8	0.8	0.2
58	Rayless aster	1.0	0.1	10.0	<0.1	0.4	0.4	0.2
59	Purslane speedwell	1.2	0.1	5.0	<0.1	0.2	0.4	0.2
60	Clover species	0.7	0.1	15.0	<0.1	2.2	2.2	0.2
61	Dog mustard	1.0	0.1	10.0	<0.1	0.4	0.4	0.2
62	Blue grass species	0.9	0.1	10.0	<0.1	0.6	0.6	0.2
63	Marsh yellow cress	0.9	0.1	10.0	<0.1	0.4	0.4	0.2
64	Ball mustard	1.0	0.1	5.0	<0.1	0.2	0.2	0.2
65	Goldenrod species	1.0	0.1	5.0	<0.1	0.2	0.2	0.2
66	Beggarticks species	1.0	0.1	5.0	<0.1	0.2	0.2	0.2
67	Willow species	1.0	<0.1	5.0	<0.1	0.2	0.2	0.2
68	Prostrate pigweed	0.9	<0.1	5.0	<0.1	0.2	0.2	0.2
69	American vetch	0.7	<0.1	5.0	<0.1	0.4	0.4	0.2
70	Bicknell's geranium	0.7	<0.1	5.0	<0.1	0.2	0.2	0.1
71	Big bluestem	0.7	<0.1	5.0	<0.1	0.2	0.2	0.1
72	Wormseed mustard	0.3	0.1	20.0	<0.1	0.8	0.8	0.1
73	Spear-leaved goosefoot	0.3	<0.1	5.0	<0.1	0.2	0.2	0.1

Field Survey Summary Tables – Flax in Southeastern Saskatchewan

Table 94. 2014/15 Flax in Southeastern Saskatchewan (40 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	57.7	22.4	38.7	5.4	9.4	105.6	43.3
2	Wild buckwheat	69.6	22.5	32.3	2.2	3.1	15.6	31.7
3	Wild oats	38.4	12.7	33.2	3.9	10.1	104.6	28.6
4	Wheat	36.8	11.5	31.2	2.3	6.1	27.4	21.1
5	Canola/rapeseed	44.7	13.7	30.6	1.3	2.9	18.2	19.5
6	Spiny annual sow-thistle	30.3	8.4	27.9	1.2	4.1	22.4	14.2
7	Canada thistle	39.4	8.0	20.3	0.9	2.3	16.2	13.8
8	Round-leaved mallow	30.6	7.4	24.1	1.0	3.4	18.8	12.8
9	Annual spurge species	31.5	7.7	24.5	0.6	2.0	8.8	11.5
10	Redroot pigweed	25.8	5.5	21.3	0.7	2.6	14.0	9.6
11	Lamb's-quarters	23.2	6.1	26.4	0.6	2.5	11.4	9.2
12	Shepherd's-purse	23.2	6.1	26.1	0.5	2.0	4.6	8.6
13	Kochia	24.1	4.9	20.2	0.5	2.1	5.8	8.3
14	Dandelion	23.3	3.7	15.9	0.3	1.2	3.8	6.6
15	Barnyard grass species	18.7	3.4	17.9	0.4	2.2	6.6	6.3
16	Black medick	11.2	3.6	32.4	0.6	5.3	19.0	6.1
17	Stinkweed	18.2	3.1	17.0	0.2	1.3	3.6	5.3
18	Night-flowering catchfly	12.4	2.3	18.5	0.3	2.5	6.0	4.3
19	False cleavers	7.8	1.9	24.4	0.2	2.9	8.0	3.1
20	Wild mustard	9.4	2.1	22.4	0.1	1.1	2.4	3.0
21	Dock species	7.2	1.4	19.5	0.3	3.5	12.8	2.9
22	Tumble pigweed	11.5	1.4	12.4	0.1	0.8	2.6	2.8
23	Pale smartweed	11.2	1.0	8.8	0.1	0.8	1.4	2.5
24	Quack grass	2.5	1.4	55.0	0.3	10.4	10.4	2.2
25	Foxtail barley	10.9	0.5	5.0	< 0.1	0.3	0.6	2.0
26	Narrow-leaved hawk's-beard	9.7	0.7	7.6	< 0.1	0.3	0.6	1.9
27	Perennial sow-thistle	5.0	1.0	20.0	0.1	1.3	2.2	1.6
28	Cow cockle	6.9	0.4	6.4	< 0.1	0.5	1.0	1.4
29	Broad-leaved plantain	5.6	0.7	12.5	< 0.1	0.8	1.4	1.4
30	Biennial wormwood	6.2	0.5	8.0	< 0.1	0.4	0.8	1.2
31	Northern willowherb	6.0	0.5	7.7	< 0.1	0.5	0.6	1.2
32	Flixweed	5.3	0.4	7.4	< 0.1	0.4	0.4	1.1
33	Annual sow-thistle	2.5	0.6	25.0	0.1	2.6	2.6	1.0
34	Purslane	5.1	0.3	5.0	< 0.1	0.2	0.2	0.9
35	Yellow foxtail	2.8	0.4	15.0	0.1	2.0	2.0	0.9
36	Yellow sweet-clover	1.9	0.8	40.0	< 0.1	1.8	1.8	0.8
37	Scentsless chamomile	2.5	0.5	20.0	< 0.1	1.6	1.6	0.8
38	Rough cinquefoil	2.8	0.4	15.0	< 0.1	1.0	1.0	0.8
39	Purslane speedwell	3.2	0.2	5.0	< 0.1	0.2	0.2	0.6
40	American vetch	3.2	0.2	5.0	< 0.1	0.2	0.2	0.6
41	Slough grass	2.5	0.3	10.0	< 0.1	0.4	0.4	0.5
42	Annual brome species	2.5	0.1	5.0	< 0.1	0.8	0.8	0.5
43	Prostrate knotweed	2.8	0.1	5.0	< 0.1	0.2	0.2	0.5
44	Bluebur	2.8	0.1	5.0	< 0.1	0.2	0.2	0.5
45	Marsh yellow cress	2.8	0.1	5.0	< 0.1	0.2	0.2	0.5
46	Low cudweed	2.8	0.1	5.0	< 0.1	0.2	0.2	0.5
47	Canada fleabane	2.8	0.1	5.0	< 0.1	0.2	0.2	0.5
48	Field pea	2.5	0.1	5.0	< 0.1	0.4	0.4	0.5
49	Goat's-beard	2.5	0.1	5.0	< 0.1	0.2	0.2	0.4

Field Survey Summary Tables – Lentil in Southeastern Saskatchewan

Table 95. 2014/15 Lentil in Southeastern Saskatchewan (42 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	16.4	7.4	45.4	10.7	65.5	269.2	43.6
2	Canola/rapeseed	58.8	23.2	39.4	2.3	4.0	14.0	36.2
3	Wild buckwheat	29.7	11.3	38.2	2.5	8.4	43.8	22.3
4	Lamb's-quarters	37.9	9.1	24.0	2.0	5.4	52.2	20.7
5	Spiny annual sow-thistle	35.2	10.5	29.9	1.3	3.7	30.0	18.8
6	Canada thistle	40.4	9.1	22.5	1.2	2.9	9.6	18.4
7	Wild mustard	27.4	9.7	35.5	1.2	4.3	30.6	16.4
8	Redroot pigweed	6.6	3.3	49.9	3.8	58.0	139.0	16.1
9	Wild oats	35.7	7.1	19.7	0.7	2.0	10.8	14.5
10	Kochia	18.4	6.5	35.1	1.7	9.1	43.8	13.9
11	Perennial sow-thistle	14.3	4.5	31.7	0.5	3.3	14.2	7.7
12	Round-leaved mallow	20.3	3.4	16.9	0.2	1.0	2.2	7.1
13	Wheat	18.5	3.1	16.8	0.3	1.4	3.4	6.7
14	Stinkweed	7.9	3.9	49.1	0.6	7.6	13.0	6.4
15	Barnyard grass species	17.2	2.1	12.4	0.2	1.2	3.8	5.6
16	Dandelion	14.9	1.7	11.5	0.1	0.6	2.2	4.4
17	Annual spurge species	11.5	1.8	15.4	0.1	1.0	3.8	3.9
18	Biennial wormwood	13.3	1.2	9.3	0.1	0.4	0.8	3.7
19	False cleavers	6.3	1.9	30.8	0.2	3.3	7.4	3.3
20	Dock species	7.3	1.6	21.7	0.1	1.2	1.4	2.9
21	Flax	8.6	0.8	9.3	0.1	0.6	1.0	2.4
22	Hemp	2.7	1.5	55.0	0.1	5.0	5.0	2.1
23	Golden dock	3.6	1.1	29.7	0.1	3.4	7.8	1.9
24	Russian thistle	3.8	1.1	27.8	0.1	2.0	2.2	1.8
25	Foxtail barley	3.2	1.0	32.2	0.1	3.1	6.2	1.7
26	Alfalfa	5.7	0.5	8.4	< 0.1	0.3	0.4	1.5
27	Annual sow-thistle	4.9	0.4	7.5	< 0.1	0.6	1.0	1.3
28	Prostrate pigweed	4.7	0.4	7.5	< 0.1	0.3	0.4	1.2
29	Pale smartweed	3.6	0.4	10.9	0.1	1.8	5.6	1.2
30	Sunflower species	4.3	0.3	7.8	< 0.1	0.3	0.4	1.1
31	Shepherd's-purse	0.8	0.6	75.0	0.1	15.4	15.4	1.1
32	Prickly lettuce	4.3	0.2	5.0	< 0.1	0.2	0.2	1.0
33	Water smartweed	2.7	0.3	10.0	0.1	2.2	2.2	0.9
34	Field pea	3.8	0.2	5.0	< 0.1	0.2	0.2	0.9
35	Cow cockle	3.0	0.3	10.0	< 0.1	0.4	0.4	0.8
36	Narrow-leaved hawk's-beard	2.4	0.4	15.0	< 0.1	0.6	0.6	0.8
37	Broad-leaved plantain	2.4	0.4	15.0	< 0.1	0.6	0.6	0.8
38	Rough cinquefoil	2.7	0.3	10.0	< 0.1	0.4	0.4	0.8
39	Striate knotweed	2.3	0.2	10.0	< 0.1	0.4	0.4	0.7
40	Night-flowering catchfly	0.8	0.4	45.0	0.1	7.2	7.2	0.6
41	Marsh yellow cress	2.7	0.1	5.0	< 0.1	0.2	0.2	0.6
42	Wild tomato	2.7	0.1	5.0	< 0.1	0.2	0.2	0.6
43	Flixweed	2.4	0.1	5.0	< 0.1	0.2	0.2	0.6
44	Purslane	0.8	0.1	15.0	< 0.1	2.2	2.2	0.3
45	Goat's-beard	0.8	0.1	10.0	< 0.1	0.6	0.6	0.2
46	Black medick	0.8	< 0.1	5.0	< 0.1	0.4	0.4	0.2
47	Yellow sweet-clover	0.8	< 0.1	5.0	< 0.1	0.2	0.2	0.2

Field Survey Summary Tables – Pea in Southeastern Saskatchewan

Table 96. 2014/15 Pea in Southeastern Saskatchewan (23 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Canola/rapeseed	46.4	19.2	41.4	12.5	26.9	158.0	55.7
2	Green foxtail	60.1	23.2	38.5	5.5	9.2	31.0	39.1
3	Wild buckwheat	66.1	15.1	22.9	1.4	2.1	13.4	22.8
4	Kochia	43.2	11.5	26.7	2.6	5.9	31.0	20.8
5	Barnyard grass species	35.0	10.4	29.7	1.2	3.4	12.6	14.8
6	Spiny annual sow-thistle	29.3	10.6	36.2	1.4	4.6	20.2	14.6
7	Canada thistle	35.9	8.8	24.5	1.2	3.3	8.8	14.0
8	Wild oats	32.0	8.1	25.4	0.8	2.6	6.6	12.0
9	Wheat	23.0	9.3	40.5	0.8	3.4	5.6	11.2
10	Foxtail barley	33.1	6.1	18.6	0.6	1.9	6.6	10.3
11	Dandelion	30.3	5.5	18.3	0.4	1.3	3.6	8.9
12	Shepherd's-purse	8.6	5.3	61.3	0.8	9.6	10.2	6.9
13	Perennial sow-thistle	20.1	4.3	21.3	0.2	1.2	1.6	6.2
14	Round-leaved mallow	10.3	3.3	32.5	0.6	6.0	9.4	5.3
15	Annual spurge species	14.9	3.7	24.9	0.3	2.0	3.6	5.3
16	Wild mustard	8.9	3.3	37.5	0.6	7.0	11.2	5.1
17	Black medick	14.4	3.2	22.3	0.3	2.1	3.4	4.9
18	Narrow-leaved hawk's-beard	15.0	1.2	8.3	0.6	4.2	12.2	4.8
19	Stinkweed	15.0	1.5	9.9	0.1	0.4	0.6	3.3
20	False cleavers	8.8	1.9	21.7	0.3	3.2	4.8	3.2
21	Flax	8.3	2.0	24.0	0.2	2.0	3.2	2.9
22	Night-flowering catchfly	10.1	1.5	14.9	0.1	1.4	2.0	2.8
23	Biennial wormwood	9.9	1.2	12.5	0.1	0.7	0.8	2.4
24	Common pepper-grass	10.1	0.8	7.4	< 0.1	0.4	0.6	2.0
25	Yellow sweet-clover	9.4	0.9	9.5	< 0.1	0.5	0.8	2.0
26	Lamb's-quarters	6.5	1.3	20.3	0.1	1.3	1.6	2.0
27	Redroot pigweed	8.5	0.8	10.0	0.1	0.7	0.8	1.9
28	Low cudweed	4.9	0.5	10.0	0.1	1.8	1.8	1.3
29	Common yellow wood-sorrel	4.9	0.5	10.0	< 0.1	0.8	0.8	1.1
30	Dock species	5.1	0.5	10.0	< 0.1	0.4	0.4	1.1
31	Annual sow-thistle	4.9	0.5	10.0	< 0.1	0.6	0.6	1.1
32	Hemp-nettle	4.8	0.5	10.0	< 0.1	0.4	0.4	1.0
33	Purslane	5.1	0.3	5.0	< 0.1	0.4	0.4	1.0
34	Absinth	4.9	0.2	5.0	< 0.1	0.4	0.4	0.9
35	Milk-vetch species	5.0	0.2	5.0	< 0.1	0.2	0.2	0.9
36	Annual brome species	5.0	0.2	5.0	< 0.1	0.2	0.2	0.9
37	Rough cinquefoil	4.8	0.2	5.0	< 0.1	0.4	0.4	0.9
38	Marsh yellow cress	4.9	0.2	5.0	< 0.1	0.2	0.2	0.9
39	Quack grass	4.9	0.2	5.0	< 0.1	0.2	0.2	0.9
40	Siberian elm	4.9	0.2	5.0	< 0.1	0.2	0.2	0.9
41	Canada fleabane	3.6	0.4	10.0	< 0.1	1.0	1.0	0.9
42	Alfalfa	3.6	0.2	5.0	< 0.1	0.2	0.2	0.7
43	Flixweed	1.5	0.2	15.0	< 0.1	0.8	0.8	0.4

Field Survey Summary Tables – Density, Species Richness and Weed-Free Quadrats by Crop District

Table 97. Number of fields surveyed by crop in each crop district

Crop District	Spring wheat	Durum	Barley	Oat	Canola	Mustard	Flax	Lentil	Pea	Mixed crops	Annual crops
1A	32	1	5	5	33	1	9	6	4	1	97
1B	35	-	7	12	31	-	2	-	2	2	91
2A	20	23	3	4	22	1	6	11	6	-	96
2B	21	26	3	4	31	-	18	19	9	1	132
3AN	11	26	1	3	10	-	5	11	3	-	70
3ASE	2	11	-	1	6	-	5	6	2	1	34
3ASW	18	38	3	2	11	1	6	8	12	-	99
3BN	8	34	5	3	12	1	7	47	9	-	126
3BS	3	24	4	3	4	5	4	12	9	-	68
4A	5	20	4	2	-	2	-	4	4	-	41
4B	3	30	4	1	2	3	-	13	9	-	65
5A	38	-	13	15	60	1	4	1	6	2	140
5B	52	-	20	22	78	-	7	-	1	-	180
6A	54	11	21	11	56	1	9	11	9	-	183
6B	48	3	14	5	40	2	2	16	10	-	140
7A	22	37	7	-	24	-	3	27	3	-	123
7B	47	2	5	3	35	1	-	7	14	1	115
8A	23	-	10	8	48	-	5	-	3	-	97
8B	50	-	16	10	60	1	1	-	2	-	140
9AE	12	-	1	3	17	-	-	-	1	-	34
9AW	27	-	13	8	43	-	-	-	5	1	97
9B	26	-	10	2	30	-	-	-	4	2	74

Field Survey Summary Tables – Density, Species Richness and Weed-Free Quadrats by Crop District

Table 98. Density, species richness and weed-free quadrats in the surveyed crops in each crop district

Crop District	Crop	Number of fields surveyed	Density (number/m ²)			Species (number/field)		Weed-free quadrats	
			mean	SE	median	mean	SE	%	SE
1A	Annual crops	97	40.1	6.3	17.6	7.6	0.4	24.0	4.3
1A	Spring wheat	32	41.5	12.4	12.5	7.3	0.7	29.9	8.1
1A	Canola	33	39.2	9.2	18.0	6.7	0.5	18.9	6.8
1B	Annual crops	91	63.7	10.9	26.2	9.0	0.4	14.4	3.7
1B	Spring wheat	35	46.4	11.8	18.8	8.5	0.6	19.2	6.7
1B	Oat	12	161.2	57.1	103.2	10.2	1.5	5.6	6.6
1B	Canola	31	35.7	6.6	21.7	8.9	0.6	15.4	6.5
2A	Annual crops	96	31.8	6.6	8.8	4.9	0.3	35.2	4.9
2A	Spring wheat	20	66.8	25.7	31.2	6.2	0.7	20.6	9.1
2A	Durum	23	17.2	7.3	5.0	3.3	0.5	50.3	10.4
2A	Canola	22	9.7	2.0	6.4	4.0	0.5	41.1	10.5
2A	Lentil	11	11.2	3.9	6.4	3.5	0.4	34.8	14.4
2B	Annual crops	132	41.7	7.8	9.4	6.0	0.4	32.3	4.1
2B	Spring wheat	21	68.0	15.7	51.3	8.2	1.0	20.2	8.8
2B	Durum	26	5.8	1.5	3.9	3.7	0.4	52.1	9.8
2B	Canola	31	62.2	24.8	9.2	4.8	0.8	41.3	8.8
2B	Flax	18	17.0	3.9	10.6	7.4	0.9	26.9	10.4
2B	Lentil	19	13.8	3.8	8.3	5.2	0.6	28.5	10.4
3AN	Annual crops	70	51.8	14.1	12.5	5.0	0.4	35.7	5.7
3AN	Spring wheat	11	135.9	75.4	21.5	6.3	1.2	28.9	13.7
3AN	Durum	26	32.5	8.4	14.5	4.3	0.6	36.5	9.4
3AN	Canola	10	24.3	11.0	4.4	4.7	1.0	48.5	15.8
3AN	Lentil	11	40	16.1	12.4	5.3	0.4	23.4	12.8
3ASE	Annual crops	34	42.8	14.7	8.0	4.7	0.5	38.6	8.4
3ASE	Durum	11	50.3	25.2	9.8	5.5	0.9	31.8	14.0
3ASW	Annual crops	99	36.7	6.5	7.0	4.2	0.3	43.1	5.0
3ASW	Spring wheat	18	55.9	15.6	28.5	4.7	0.8	24.1	10.1
3ASW	Durum	38	27.0	5.7	10.0	3.8	0.4	44.4	8.1
3ASW	Canola	11	46.9	25.5	2.0	3.5	0.7	55.9	15.0
3ASW	Pea	12	20.0	9.9	6.4	4.8	1.3	48.0	14.4
3BN	Annual crops	126	22.5	4.4	4.3	3.5	0.3	53.9	4.4
3BN	Durum	34	18.5	9.1	3.4	2.6	0.4	61.7	8.3
3BN	Canola	12	18.0	7.8	6.9	4.9	0.9	41.1	14.2
3BN	Lentil	47	20.8	6.2	2.9	3.4	0.4	53.4	7.3
3BS	Annual crops	68	12.1	2.6	3.2	4.2	0.4	52.9	6.1
3BS	Durum	24	11.3	3.7	2.2	3.3	0.5	58.6	10.1
3BS	Lentil	12	2.8	0.8	1.3	3.7	0.8	70.7	13.1
4A	Annual crops	41	43.9	16.2	9.8	4.6	0.5	39.6	7.6
4A	Durum	20	61.2	30.5	8.3	4.8	0.7	43.1	11.1
4B	Annual crops	65	2.8	0.7	0.8	1.3	0.2	75.8	5.3
4B	Durum	30	3.2	1.4	0.2	1.2	0.3	80.5	7.2
4B	Lentil	13	2.9	1.0	1.7	1.4	0.3	67.6	13.0
5A	Annual crops	140	57.1	9.9	18.9	8.0	0.3	18.1	3.3
5A	Spring wheat	38	82.7	25.2	22.1	8.8	0.6	15.6	5.9
5A	Barley	13	124.4	63.2	26.7	10.7	1.3	11.7	8.9
5A	Oat	15	37.1	12.4	26.4	6.5	0.8	18.3	10.0
5A	Canola	60	34.7	5.3	13.3	7.0	0.4	23.6	5.5

(Table continued on next page)

Field Survey Summary Tables – Density, Species Richness and Weed-Free Quadrats by Crop District

Table 98. Density, species richness and weed-free quadrats in the surveyed crops in each crop district (*continued*)

Crop District	Crop	Number of fields surveyed	Density (number/m ²)			Species (number/field)		Weed-free quadrats	
			mean	SE	median	mean	SE	%	SE
5B	Annual crops	180	19.2	1.7	11.5	6.8	0.3	27.7	3.3
5B	Spring wheat	52	19.6	3.2	9.1	6.4	0.5	29.3	6.3
5B	Barley	20	29.2	8.1	15.9	7.3	0.9	21.5	9.2
5B	Oat	22	21.6	6.7	9.8	5.2	0.6	37.0	10.3
5B	Canola	78	15.2	1.6	8.7	7.1	0.3	27.4	5.0
6A	Annual crops	183	42.0	3.0	30.8	8.4	0.3	15.4	2.7
6A	Spring wheat	54	40.2	4.9	32.9	8.5	0.5	17.1	5.1
6A	Durum	11	53.6	11.7	38.7	8.6	0.7	4.8	6.5
6A	Barley	21	41.4	9.8	22.8	8.4	0.9	19.1	8.6
6A	Oat	11	65.3	16.3	60.5	7.3	1.0	18.9	11.8
6A	Canola	56	38.2	5.1	27.4	7.9	0.5	16.6	5.0
6A	Lentil	11	35.7	10.8	20.0	8.2	0.9	15.4	10.9
6B	Annual crops	140	52.2	6.1	32.8	7.7	0.3	13.3	2.9
6B	Spring wheat	48	70.1	15.2	32.6	8.1	0.6	12.4	4.8
6B	Barley	14	72.6	19.7	43.0	6.8	1.0	9.5	7.8
6B	Canola	40	36.7	5.4	26.6	7.8	0.6	14.9	5.6
6B	Lentil	16	25.4	4.9	16.3	7.1	0.9	17.5	9.5
6B	Pea	10	47.2	13.8	38.6	7.2	0.9	13.2	10.7
7A	Annual crops	123	31.7	6.2	5.3	4.1	0.3	48.4	4.5
7A	Spring wheat	22	62.0	22.2	14.3	4.9	0.8	27.4	9.5
7A	Durum	37	41.1	13.7	3.7	3.6	0.5	53.3	8.2
7A	Canola	24	19.3	6.8	6.2	4.3	0.7	48.4	10.2
7A	Lentil	27	11.1	5.5	2.1	3	0.4	65.2	9.2
7B	Annual crops	115	61.9	6.1	42.9	9.4	0.4	12.4	3.1
7B	Spring wheat	47	69.2	11.0	44.9	9.7	0.7	10.6	4.5
7B	Canola	35	45.7	6.8	33.3	9.3	0.8	14.0	5.9
7B	Pea	14	69.2	20.6	52.0	9.3	1.2	22.3	11.1
8A	Annual crops	97	32.8	3.9	17.7	8.0	0.4	21.8	4.2
8A	Spring wheat	23	22.7	5.7	12.3	7.1	0.8	28.3	9.4
8A	Barley	10	29.1	9.0	15.4	7.2	1.5	15.6	11.5
8A	Canola	48	34.2	4.9	19.6	8.9	0.6	20.9	5.9
8B	Annual crops	140	61.2	8.4	28.6	9.7	0.4	16.0	3.1
8B	Spring wheat	50	56.5	10.3	32.1	9.8	0.7	13.0	4.8
8B	Barley	16	67.4	21.9	27.8	8.9	1.1	12.7	8.3
8B	Oat	10	174.5	70.4	85.7	11.7	2.0	7.2	8.2
8B	Canola	60	46.2	9.9	20.3	9.6	0.7	21.1	5.3
9AE	Annual crops	34	62.4	19.4	19.4	7.9	0.9	19.2	6.8
9AE	Spring wheat	12	102.8	50.1	14.2	8.5	1.5	17.4	10.9
9AE	Canola	17	35.8	13.1	19.4	6.4	0.8	24.8	10.5
9AW	Annual crops	97	62.9	7.5	36.9	10.1	0.5	8.3	2.8
9AW	Spring wheat	27	67.8	15.5	36.9	10.6	0.8	8.5	5.4
9AW	Barley	13	54.8	16.8	19.6	9.3	1.7	16.1	10.2
9AW	Canola	43	45.4	8.3	32.3	9.9	0.5	7.2	3.9
9B	Annual crops	74	61.8	12.9	18.2	8.7	0.6	15.8	4.2
9B	Spring wheat	26	28.0	5.1	14.1	6.8	0.6	21.0	8.0
9B	Barley	10	104.0	54.1	36.0	8.6	1.6	12.7	10.5
9B	Canola	30	31.9	8.6	12.9	9.1	0.9	16.7	6.8

Table 99. 2014/15 Annual crops in Crop District 1A in Southeastern Saskatchewan (97 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	69.6	30.5	43.8	13.5	19.5	451.4	59.1
2	Wild buckwheat	72.2	24.3	33.6	3.7	5.1	53.6	31.5
3	Wheat	24.5	11.2	45.9	3.2	13.1	49.6	17.2
4	Redroot pigweed	28.4	7.5	26.4	2.7	9.5	139.0	14.4
5	Kochia	34.9	11.8	33.8	1.3	3.8	30.8	14.1
6	Canola/rapeseed	29.4	6.8	23.2	1.4	4.9	60.6	11.1
7	Biennial wormwood	32.1	7.2	22.5	0.5	1.6	9.6	9.3
8	Foxtail barley	28.5	6.0	20.9	0.7	2.4	12.8	8.6
9	Canada thistle	33.9	4.7	13.7	0.5	1.3	9.2	8.0
10	Round-leaved mallow	26.1	5.6	21.5	0.4	1.7	6.0	7.5
11	Annual brome species	1.8	1.8	100.0	2.5	140.0	140.0	7.4
12	Lamb's-quarters	25.4	4.6	18.1	0.6	2.4	18.0	7.3
13	Dandelion	25.4	5.7	22.5	0.4	1.4	7.2	7.2
14	Perennial sow-thistle	11.6	5.5	47.5	1.0	9.0	36.0	7.0
15	Shepherd's-purse	20.5	4.8	23.5	0.7	3.5	47.2	7.0
16	Wild oats	23.2	4.4	19.0	0.4	1.7	12.0	6.3
17	Spiny annual sow-thistle	20.0	3.9	19.2	0.3	1.7	7.4	5.5
18	Annual spurge species	15.0	4.8	32.0	0.4	2.5	5.2	5.4
19	Barnyard grass species	21.4	2.8	13.2	0.3	1.5	7.8	5.1
20	Yellow foxtail	9.5	3.0	31.8	0.7	7.0	43.4	4.5
21	Flax	5.8	2.9	49.7	0.7	12.5	37.2	4.1
22	Wild mustard	4.8	2.5	52.0	0.8	16.5	54.4	3.9
23	Tumble pigweed	8.2	3.0	36.5	0.2	2.7	7.0	3.2
24	Northern willowherb	9.0	2.2	24.2	0.3	3.0	11.8	3.0
25	Black medick	5.6	2.3	40.5	0.4	6.4	19.0	2.8
26	False cleavers	9.5	2.0	21.0	0.2	1.9	7.4	2.7
27	Prostrate knotweed	6.1	1.6	26.3	0.3	4.8	18.6	2.4
28	Pale smartweed	11.1	1.2	10.5	0.1	0.9	5.6	2.3
29	Purslane	9.8	1.1	11.6	0.2	1.8	6.0	2.3
30	Night-flowering catchfly	8.8	1.4	15.8	0.2	1.9	7.2	2.3
31	Canada fleabane	6.9	1.5	21.4	0.1	1.8	10.8	2.0
32	Dock species	10.9	0.6	5.7	< 0.1	0.3	0.4	1.8
33	Rough cinquefoil	6.8	0.9	13.6	0.1	1.3	11.4	1.6
34	Broad-leaved plantain	6.5	0.9	14.0	0.1	1.5	10.2	1.6
35	Chickweed	5.5	0.9	15.6	0.1	1.1	3.0	1.3
36	Marsh yellow cress	7.4	0.4	5.9	< 0.1	0.3	0.4	1.3
37	Alfalfa	5.6	0.7	13.4	< 0.1	0.6	1.4	1.2
38	Narrow-leaved hawk's-beard	4.0	0.9	23.4	0.1	1.7	3.8	1.2
39	Common yellow wood-sorrel	5.0	0.5	10.2	< 0.1	0.8	1.2	1.0
40	Stinkweed	4.9	0.5	11.2	< 0.1	0.4	0.6	1.0
41	Goat's-beard	2.0	0.8	40.5	0.1	3.2	4.0	0.8
42	Hemp	1.5	0.8	55.0	0.1	5.0	5.0	0.8
43	Golden dock	2.0	0.6	29.7	0.1	3.4	7.8	0.7
44	Common pepper-grass	2.2	0.6	29.6	< 0.1	1.3	1.6	0.7
45	Barley	1.8	0.6	33.4	< 0.1	2.6	3.2	0.7
46	Oak-leaved goosefoot	2.7	0.4	15.0	< 0.1	0.6	0.6	0.6
47	Field bindweed	1.8	0.5	30.0	< 0.1	1.8	1.8	0.6
48	Rayless aster	3.1	0.2	7.5	< 0.1	0.3	0.4	0.5
49	Siberian elm	3.3	0.2	5.0	< 0.1	0.2	0.2	0.5
50	Low cudweed	3.1	0.2	5.0	< 0.1	0.2	0.2	0.5
51	Prickly lettuce	3.0	0.2	5.0	< 0.1	0.2	0.2	0.5
52	Flixweed	2.0	0.3	14.2	< 0.1	1.4	1.8	0.5

(Table continued on next page)

Field Survey Summary Tables – Crop District 1A

Table 99. 2014/15 Annual crops in Crop District 1A in Southeastern Saskatchewan (97 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Russian thistle	2.3	0.2	9.1	< 0.1	0.5	1.4	0.4
54	Absinth	1.3	0.1	5.0	0.1	4.8	4.8	0.4
55	Water smartweed	1.5	0.2	10.0	< 0.1	2.2	2.2	0.4
56	Bluebur	2.0	0.1	5.0	< 0.1	0.2	0.2	0.3
57	Scentless chamomile	1.8	0.1	7.6	< 0.1	0.3	0.6	0.3
58	Purslane speedwell	1.9	0.1	5.0	< 0.1	0.2	0.4	0.3
59	Slough grass	1.5	0.2	10.0	< 0.1	0.8	0.8	0.3
60	American vetch	1.8	0.1	5.0	< 0.1	0.2	0.2	0.3
61	Manitoba maple	1.8	0.1	5.0	< 0.1	0.2	0.2	0.3
62	Spike-rush species	1.5	0.1	5.0	< 0.1	0.4	0.4	0.3
63	Striate knotweed	1.3	0.1	10.0	< 0.1	0.4	0.4	0.3
64	Prostrate pigweed	1.3	0.1	10.0	< 0.1	0.4	0.4	0.3
65	Hemp-nettle	1.5	0.1	5.0	< 0.1	0.2	0.2	0.2
66	Wild tomato	1.5	0.1	5.0	< 0.1	0.2	0.2	0.2
67	Toad rush	1.5	0.1	5.0	< 0.1	0.2	0.2	0.2
68	Beggarticks species	1.5	0.1	5.0	< 0.1	0.2	0.2	0.2
69	Clammy hedge-hyssop	1.5	0.1	5.0	< 0.1	0.2	0.2	0.2
70	Sunflower species	1.0	0.1	5.0	< 0.1	0.2	0.2	0.2
71	Spear-leaved goosefoot	0.9	< 0.1	5.0	< 0.1	0.3	0.4	0.2
72	Wormseed mustard	0.5	0.1	20.0	< 0.1	0.8	0.8	0.1
73	Water horsetail	0.2	0.1	30.0	< 0.1	11.0	11.0	0.1
74	Yellow sweet-clover	0.5	< 0.1	5.0	< 0.1	0.2	0.2	0.1
75	Field pea	0.5	< 0.1	5.0	< 0.1	0.2	0.2	0.1

Table 100. 2014/15 Spring wheat in Crop District 1A in Southeastern Saskatchewan (32 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	74.1	34.9	47.2	23.1	31.2	451.4	85.2
2	Wild buckwheat	79.9	25.6	32.0	4.7	5.9	53.6	36.5
3	Foxtail barley	48.6	9.3	19.1	1.2	2.5	11.2	14.7
4	Canada thistle	38.8	7.1	18.3	0.7	1.8	9.2	10.9
5	Redroot pigweed	33.7	5.7	17.0	0.7	2.0	17.2	9.4
6	Kochia	24.6	7.6	31.0	0.7	2.9	9.4	9.4
7	Shepherd's-purse	17.8	6.7	37.9	1.3	7.2	47.2	9.3
8	Flax	12.1	4.7	38.5	1.8	14.9	37.2	8.6
9	Round-leaved mallow	34.4	4.8	14.0	0.5	1.4	6.0	8.6
10	Dandelion	26.3	7.1	27.0	0.4	1.4	3.6	8.5
11	Perennial sow-thistle	13.9	6.9	50.0	0.9	6.4	16.0	7.9
12	Prostrate knotweed	18.5	4.8	26.3	0.9	4.8	18.6	7.4
13	Canola/rapeseed	29.5	3.8	12.8	0.3	0.9	7.0	6.8
14	Lamb's-quarters	28.1	3.9	13.9	0.2	0.7	4.2	6.5
15	Yellow foxtail	12.1	4.1	34.1	0.9	7.8	43.4	6.2
16	Biennial wormwood	22.3	3.3	14.8	0.2	1.1	2.6	5.5
17	Wild oats	16.7	3.8	22.6	0.3	2.0	4.4	5.2
18	Spiny annual sow-thistle	17.4	3.1	18.1	0.2	1.3	7.4	4.7
19	Barnyard grass species	13.2	1.5	11.3	0.4	2.8	7.8	3.5
20	Pale smartweed	15.5	1.8	11.7	0.1	0.7	3.8	3.4
21	Chickweed	9.8	2.1	21.1	0.2	1.6	3.0	2.9
22	Annual spurge species	6.6	2.1	31.7	0.2	2.8	3.4	2.5
23	Dock species	14.6	0.7	5.0	< 0.1	0.3	0.4	2.5
24	Goat's-beard	4.6	2.3	50.0	0.2	4.0	4.0	2.4
25	Canada fleabane	8.7	1.8	20.3	0.1	0.8	1.0	2.3
26	Alfalfa	8.2	1.7	21.3	0.1	1.0	1.4	2.3
27	Narrow-leaved hawk's-beard	4.6	2.1	45.0	0.2	3.8	3.8	2.2
28	Wild mustard	5.4	2.1	40.0	0.1	1.8	1.8	2.2
29	Tumble pigweed	5.4	1.9	35.0	0.1	2.0	2.0	2.0
30	False cleavers	10.1	0.9	9.3	< 0.1	0.5	0.6	2.0
31	Field bindweed	5.4	1.6	30.0	0.1	1.8	1.8	1.9
32	Common pepper-grass	4.6	1.8	40.0	0.1	1.6	1.6	1.8
33	Barley	4.0	1.6	40.0	0.1	3.2	3.2	1.7
34	Stinkweed	7.3	0.9	12.3	< 0.1	0.5	0.6	1.6
35	Night-flowering catchfly	6.0	0.8	13.8	0.1	1.3	4.6	1.5
36	Purslane	6.6	0.5	8.0	< 0.1	0.4	1.4	1.2
37	Flixweed	4.6	0.6	13.9	0.1	1.6	1.8	1.2
38	Absinth	4.1	0.2	5.0	0.2	4.8	4.8	1.1
39	Siberian elm	5.4	0.3	5.0	< 0.1	0.2	0.2	0.9
40	Black medick	1.4	0.8	55.0	0.1	5.2	5.2	0.8
41	Marsh yellow cress	4.6	0.2	5.0	< 0.1	0.4	0.4	0.8
42	Prickly lettuce	4.6	0.2	5.0	< 0.1	0.2	0.2	0.8
43	Common yellow wood-sorrel	4.6	0.2	5.0	< 0.1	0.2	0.2	0.8
44	Russian thistle	4.1	0.2	5.0	< 0.1	0.2	0.2	0.7
45	Broad-leaved plantain	2.9	0.1	5.0	< 0.1	0.3	0.4	0.5
46	Northern willowherb	1.4	0.3	20.0	< 0.1	1.2	1.2	0.4
47	Rough cinquefoil	1.4	0.2	15.0	< 0.1	0.6	0.6	0.3
48	Spear-leaved goosefoot	1.4	0.1	5.0	< 0.1	0.4	0.4	0.2
49	Bluebur	1.4	0.1	5.0	< 0.1	0.2	0.2	0.2

Field Survey Summary Tables – Canola in Crop District 1A

Table 101. 2014/15 Canola in Crop District 1A in Southeastern Saskatchewan (33 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	50.4	26.4	52.4	8.6	17.0	59.4	43.0
2	Wheat	46.3	23.1	49.9	7.0	15.2	49.6	36.8
3	Annual brome species	5.7	5.7	100.0	8.0	140.0	140.0	24.1
4	Kochia	42.6	20.2	47.4	2.6	6.2	30.8	23.5
5	Wild buckwheat	54.7	16.6	30.3	1.1	2.0	6.8	19.5
6	Canola/rapeseed	11.9	8.1	68.4	3.6	30.1	60.6	15.1
7	Biennial wormwood	39.6	10.4	26.3	0.6	1.5	3.2	12.8
8	Dandelion	34.2	8.3	24.3	0.6	1.6	7.2	10.9
9	Shepherd's-purse	37.4	5.9	15.9	0.6	1.6	4.4	10.2
10	Lamb's-quarters	24.1	4.0	16.7	0.7	2.8	10.4	7.4
11	Round-leaved mallow	20.3	6.3	30.8	0.4	2.0	4.0	7.3
12	Northern willowherb	11.3	5.5	49.1	0.7	6.6	11.8	6.4
13	Redroot pigweed	16.0	5.0	31.1	0.5	2.8	12.0	6.1
14	Tumble pigweed	15.6	4.9	31.3	0.4	2.5	7.0	5.8
15	Foxtail barley	16.4	4.9	29.9	0.3	1.9	6.0	5.8
16	Yellow foxtail	11.1	3.3	29.8	0.7	6.5	12.2	5.2
17	Canada thistle	22.6	2.0	8.9	0.2	0.8	2.4	4.9
18	Purslane	15.6	2.5	15.9	0.4	2.8	6.0	4.7
19	Spiny annual sow-thistle	16.8	2.9	17.2	0.2	1.4	4.6	4.6
20	Annual spurge species	12.4	3.4	27.7	0.3	2.3	4.4	4.4
21	Barnyard grass species	18.4	2.3	12.3	0.1	0.7	1.8	4.3
22	Flax	5.7	4.3	75.0	0.4	7.2	7.2	4.1
23	Wild oats	14.5	2.2	15.4	0.2	1.1	12.0	3.7
24	False cleavers	13.2	2.1	16.2	0.1	1.1	3.4	3.5
25	Rough cinquefoil	8.9	1.7	18.7	0.2	2.3	11.4	2.7
26	Black medick	9.5	1.6	16.8	0.1	1.2	1.6	2.5
27	Oak-leaved goosefoot	8.5	1.3	15.0	0.1	0.6	0.6	2.1
28	Dock species	9.7	0.7	7.5	< 0.1	0.3	0.4	1.9
29	Stinkweed	7.9	0.8	10.0	< 0.1	0.4	0.4	1.7
30	Broad-leaved plantain	3.0	1.3	42.5	0.2	6.0	10.2	1.6
31	Common yellow wood-sorrel	5.7	0.9	15.0	0.1	1.2	1.2	1.5
32	Chickweed	5.8	0.5	8.7	< 0.1	0.3	0.4	1.2
33	Canada fleabane	4.3	0.6	15.0	0.1	1.4	1.4	1.1
34	Scentless chamomile	5.8	0.4	7.6	< 0.1	0.3	0.6	1.1
35	Perennial sow-thistle	4.3	0.6	15.0	< 0.1	0.8	0.8	1.1
36	Rayless aster	4.9	0.5	10.0	< 0.1	0.4	0.4	1.0
37	Night-flowering catchfly	5.1	0.4	8.0	< 0.1	0.4	0.6	1.0
38	Marsh yellow cress	4.2	0.4	10.0	< 0.1	0.4	0.4	0.9
39	Hemp-nettle	4.9	0.2	5.0	< 0.1	0.2	0.2	0.9
40	Beggarticks species	4.9	0.2	5.0	< 0.1	0.2	0.2	0.9
41	Narrow-leaved hawk's-beard	3.0	0.3	10.0	< 0.1	0.4	0.6	0.6
42	Wormseed mustard	1.5	0.3	20.0	< 0.1	0.8	0.8	0.4
43	Barley	1.5	0.2	15.0	< 0.1	0.8	0.8	0.4
44	Russian thistle	1.5	0.2	10.0	< 0.1	0.4	0.4	0.3
45	Spear-leaved goosefoot	1.5	0.1	5.0	< 0.1	0.2	0.2	0.3
46	Prickly lettuce	1.5	0.1	5.0	< 0.1	0.2	0.2	0.3
47	Wild mustard	0.5	0.2	40.0	< 0.1	2.6	2.6	0.2
48	Purslane speedwell	0.5	< 0.1	5.0	< 0.1	0.4	0.4	0.1

Table 102. 2014/15 Annual crops in Crop District 1B in Southeastern Saskatchewan (91 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	73.4	37.6	51.3	23.8	32.5	510.4	60.2
2	Dandelion	72.9	25.3	34.7	3.9	5.4	110.2	24.1
3	Wild oats	51.4	22.5	43.8	5.3	10.2	72.4	22.7
4	Wild buckwheat	62.1	19.6	31.6	1.7	2.8	15.4	17.3
5	Shepherd's-purse	50.5	15.4	30.5	2.4	4.7	32.6	15.3
6	Canola/rapeseed	48.6	14.9	30.8	2.1	4.3	54.2	14.5
7	Lamb's-quarters	38.7	8.2	21.3	3.9	10.0	154.4	13.6
8	Wheat	28.8	15.6	54.2	2.5	8.8	36.4	13.3
9	Foxtail barley	42.1	10.9	25.9	2.3	5.4	70.6	12.5
10	Redroot pigweed	32.3	7.6	23.7	1.7	5.1	78.4	9.2
11	Biennial wormwood	43.5	6.9	15.8	0.5	1.3	11.6	8.4
12	Round-leaved mallow	29.9	6.7	22.3	1.1	3.7	28.4	7.7
13	False cleavers	27.2	7.5	27.6	1.1	3.9	21.2	7.6
14	Night-flowering catchfly	16.0	5.1	32.0	2.2	13.6	71.0	7.2
15	Spiny annual sow-thistle	29.3	6.5	22.2	0.6	2.1	16.0	6.8
16	Canada thistle	30.9	5.0	16.2	0.3	1.0	3.6	5.9
17	Quack grass	2.3	1.5	65.8	3.0	131.7	271.8	5.5
18	Broad-leaved plantain	21.3	4.3	20.1	0.9	4.1	26.6	5.4
19	Black medick	19.4	4.1	21.1	0.3	1.6	5.8	4.2
20	Pale smartweed	11.7	3.0	25.7	0.8	6.7	52.0	3.7
21	Stinkweed	10.9	2.9	26.4	0.3	3.0	13.6	2.9
22	Chickweed	14.3	1.8	12.5	0.2	1.6	8.2	2.6
23	Alfalfa	7.2	2.8	38.3	0.3	4.0	15.4	2.3
24	Canada fleabane	10.2	1.7	17.1	0.2	1.8	7.4	2.1
25	Narrow-leaved hawk's-beard	9.5	1.7	18.0	0.1	1.5	7.8	1.9
26	Kochia	9.6	1.5	16.1	0.2	1.7	6.2	1.9
27	Flax	6.2	1.8	29.0	0.2	3.3	21.6	1.7
28	Wild mustard	4.0	1.7	41.9	0.4	10.0	28.2	1.7
29	Yellow sweet-clover	5.6	1.5	26.8	0.2	3.7	15.2	1.5
30	Rough cinquefoil	6.3	0.8	13.4	< 0.1	0.8	1.8	1.1
31	Absinth	4.3	0.7	16.9	0.2	4.8	13.6	1.1
32	Northern willowherb	4.6	0.8	17.8	0.1	1.5	4.4	0.9
33	Prickly lettuce	5.5	0.6	11.2	< 0.1	0.8	1.2	0.9
34	Barley	2.4	1.0	40.7	0.1	5.2	10.8	0.9
35	Barnyard grass species	5.2	0.4	7.5	< 0.1	0.4	0.6	0.8
36	Conoid catchfly	1.3	0.9	70.0	0.1	7.8	7.8	0.7
37	Hemp-nettle	4.0	0.4	11.0	< 0.1	0.7	1.4	0.7
38	Prostrate knotweed	4.4	0.3	6.1	< 0.1	0.6	2.0	0.6
39	Clover species	3.3	0.5	15.4	< 0.1	1.3	2.2	0.6
40	Bluebur	2.6	0.6	22.8	< 0.1	1.7	2.4	0.6
41	Common pepper-grass	3.6	0.4	10.6	< 0.1	0.6	0.8	0.6
42	Annual spurge species	3.5	0.4	10.4	< 0.1	0.7	1.6	0.6
43	Perennial sow-thistle	2.6	0.5	20.0	< 0.1	1.2	1.4	0.5
44	Pineappleweed	3.0	0.3	9.3	< 0.1	0.5	1.0	0.5
45	Purslane	2.3	0.3	15.0	< 0.1	1.9	2.2	0.5
46	American vetch	2.3	0.2	7.8	< 0.1	1.0	1.4	0.4
47	Russian thistle	2.3	0.2	7.9	< 0.1	0.4	0.6	0.3
48	Golden dock	1.3	0.3	20.0	< 0.1	3.6	3.6	0.3
49	Common groundsel	1.3	0.2	15.0	< 0.1	2.8	2.8	0.3
50	False ragweed	0.4	0.3	85.0	0.1	12.6	12.6	0.3
51	Thyme-leaved sandwort	1.3	0.3	20.0	< 0.1	0.8	0.8	0.3
52	Cocklebur	1.8	0.1	5.0	< 0.1	0.2	0.2	0.2

(Table continued on next page)

Field Survey Summary Tables – Crop District 1B

Table 102. 2014/15 Annual crops in Crop District 1B in Southeastern Saskatchewan (91 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Stork's-bill	1.0	0.2	20.0	< 0.1	1.8	1.8	0.2
54	Field horsetail	1.3	0.1	10.0	< 0.1	0.4	0.4	0.2
55	Dog mustard	1.3	0.1	10.0	< 0.1	0.4	0.4	0.2
56	Striate knotweed	1.0	0.1	15.0	< 0.1	1.4	1.4	0.2
57	Annual sow-thistle	1.3	0.1	5.0	< 0.1	0.4	0.4	0.2
58	Scentless chamomile	1.3	0.1	5.0	< 0.1	0.2	0.2	0.2
59	Tumble mustard	1.3	0.1	5.0	< 0.1	0.2	0.2	0.2
60	Wormseed mustard	1.3	0.1	5.0	< 0.1	0.2	0.2	0.2
61	Purslane speedwell	1.3	0.1	5.0	< 0.1	0.2	0.2	0.2
62	Willow species	1.3	0.1	5.0	< 0.1	0.2	0.2	0.2
63	Smooth brome	1.0	0.1	10.0	< 0.1	1.6	1.6	0.2
64	Marsh yellow cress	1.0	< 0.1	5.0	< 0.1	0.2	0.2	0.1
65	American dragonhead	1.0	< 0.1	5.0	< 0.1	0.2	0.2	0.1
66	Bicknell's geranium	1.0	< 0.1	5.0	< 0.1	0.2	0.2	0.1
67	Big bluestem	1.0	< 0.1	5.0	< 0.1	0.2	0.2	0.1
68	Beaked hazelnut	1.0	< 0.1	5.0	< 0.1	0.2	0.2	0.1
69	Siberian elm	0.4	< 0.1	10.0	< 0.1	0.4	0.4	0.1
70	Common burdock	0.4	< 0.1	5.0	< 0.1	0.2	0.2	0.1
71	Low cudweed	0.4	< 0.1	5.0	< 0.1	0.2	0.2	0.1

Table 103. 2014/15 Spring wheat in Crop District 1B in Southeastern Saskatchewan (35 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	75.5	34.4	45.6	16.2	21.5	235.6	59.1
2	Dandelion	74.2	24.9	33.6	5.4	7.3	110.2	31.4
3	Wild oats	46.4	21.0	45.2	6.9	14.8	72.4	29.6
4	Canola/rapeseed	70.5	21.7	30.8	2.4	3.4	20.0	23.1
5	Wild buckwheat	69.5	17.6	25.3	1.4	2.1	12.2	19.1
6	Foxtail barley	57.1	14.9	26.1	1.5	2.6	19.2	16.6
7	Shepherd's-purse	44.5	12.9	29.1	2.3	5.1	32.6	15.9
8	False cleavers	33.7	10.8	32.2	1.9	5.6	21.2	12.8
9	Night-flowering catchfly	18.9	7.1	37.5	2.3	12.0	48.8	10.3
10	Biennial wormwood	45.0	8.0	17.7	0.6	1.3	7.0	10.1
11	Round-leaved mallow	28.9	7.9	27.3	1.4	4.9	28.4	9.9
12	Redroot pigweed	30.8	5.5	17.7	0.4	1.5	5.8	7.0
13	Lamb's-quarters	33.9	4.6	13.4	0.4	1.1	6.8	6.8
14	Spiny annual sow-thistle	31.1	3.8	12.2	0.3	1.1	4.2	6.1
15	Canada thistle	22.8	3.6	15.7	0.3	1.1	3.6	4.8
16	Stinkweed	12.5	3.7	29.6	0.6	4.5	13.6	4.3
17	Black medick	13.8	2.6	18.9	0.3	1.9	5.8	3.4
18	Pale smartweed	9.4	2.2	23.2	0.4	4.2	11.2	2.9
19	Canada fleabane	9.1	2.3	25.4	0.2	2.7	7.4	2.6
20	Narrow-leaved hawk's-beard	7.3	2.6	36.2	0.2	3.4	7.8	2.5
21	Broad-leaved plantain	13.1	1.5	11.8	0.1	1.1	2.6	2.5
22	Kochia	8.6	2.1	23.9	0.1	1.4	2.6	2.2
23	Chickweed	11.0	0.7	6.7	< 0.1	0.4	0.4	1.7
24	Hemp-nettle	8.1	0.9	11.3	0.1	0.8	1.4	1.5
25	Flax	3.7	1.2	31.3	0.3	6.8	21.6	1.5
26	Clover species	6.2	1.0	15.5	0.1	1.0	2.0	1.3
27	Rough cinquefoil	6.3	0.6	8.8	< 0.1	0.6	1.0	1.1
28	Wild mustard	3.4	0.7	20.0	< 0.1	1.0	1.0	0.8
29	Thyme-leaved sandwort	3.4	0.7	20.0	< 0.1	0.8	0.8	0.8
30	Absinth	4.7	0.2	5.0	< 0.1	0.2	0.2	0.7
31	Cocklebur	4.7	0.2	5.0	< 0.1	0.2	0.2	0.7
32	American vetch	3.4	0.3	10.0	< 0.1	1.4	1.4	0.7
33	Striate knotweed	2.6	0.4	15.0	< 0.1	1.4	1.4	0.6
34	Yellow sweet-clover	3.7	0.2	5.0	< 0.1	0.4	0.4	0.5
35	Smooth brome	2.6	0.3	10.0	< 0.1	1.6	1.6	0.5
36	Scentless chamomile	3.4	0.2	5.0	< 0.1	0.2	0.2	0.5
37	Wormseed mustard	3.4	0.2	5.0	< 0.1	0.2	0.2	0.5
38	Annual spurge species	3.4	0.2	5.0	< 0.1	0.2	0.2	0.5
39	Barnyard grass species	3.4	0.2	5.0	< 0.1	0.2	0.2	0.5
40	Northern willowherb	2.6	0.3	10.0	< 0.1	0.8	0.8	0.5
41	Prickly lettuce	2.6	0.1	5.0	< 0.1	0.6	0.6	0.4
42	American dragonhead	2.6	0.1	5.0	< 0.1	0.2	0.2	0.4
43	Alfalfa	2.6	0.1	5.0	< 0.1	0.2	0.2	0.4
44	Beaked hazelnut	2.6	0.1	5.0	< 0.1	0.2	0.2	0.4
45	Common pepper-grass	1.1	0.2	15.0	< 0.1	0.8	0.8	0.2
46	Siberian elm	1.1	0.1	10.0	< 0.1	0.4	0.4	0.2
47	Common burdock	1.1	0.1	5.0	< 0.1	0.2	0.2	0.2
48	Low cudweed	1.1	0.1	5.0	< 0.1	0.2	0.2	0.2

Field Survey Summary Tables – Oat in Crop District 1B

Table 104. 2014/15 Oat in Crop District 1B in Southeastern Saskatchewan (12 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	83.4	63.5	76.1	80.7	96.7	510.4	76.1
2	Lamb's-quarters	40.9	26.0	63.6	23.5	57.4	154.4	25.9
3	Dandelion	64.5	27.7	42.9	4.0	6.2	16.4	16.6
4	Wild buckwheat	58.3	27.8	47.7	4.2	7.1	15.4	16.1
5	Redroot pigweed	39.6	19.0	48.0	8.0	20.2	78.4	14.2
6	Wild oats	59.5	21.4	36.0	3.1	5.2	15.0	13.8
7	Night-flowering catchfly	17.4	11.3	65.0	8.6	49.7	71.0	10.2
8	Foxtail barley	34.3	13.5	39.4	4.7	13.8	49.2	10.1
9	Shepherd's-purse	50.0	10.8	21.5	1.2	2.4	7.0	8.7
10	Canola/rapeseed	47.1	10.3	21.9	0.6	1.3	5.6	7.9
11	Pale smartweed	24.0	9.7	40.6	4.0	16.8	52.0	7.6
12	Biennial wormwood	43.8	8.4	19.3	1.2	2.8	11.6	7.4
13	Broad-leaved plantain	35.1	7.4	21.1	2.9	8.2	26.6	7.3
14	Alfalfa	17.7	15.1	85.3	1.8	10.1	15.4	7.1
15	Black medick	25.6	7.8	30.6	0.5	1.9	3.4	5.0
16	Wild mustard	8.7	8.3	95.0	2.5	28.2	28.2	4.7
17	Wheat	26.1	5.6	21.7	0.6	2.1	4.8	4.5
18	Spiny annual sow-thistle	23.2	5.8	25.2	0.5	2.0	4.0	4.2
19	Round-leaved mallow	35.1	2.2	6.2	0.1	0.4	0.6	4.1
20	Barley	16.6	6.7	40.7	0.9	5.2	10.8	4.1
21	Canada thistle	25.6	4.6	17.8	0.3	1.1	2.2	4.0
22	Absinth	17.4	4.3	25.0	1.4	8.0	13.6	3.8
23	Quack grass	8.7	4.8	55.0	2.2	25.4	25.4	3.6
24	Conoid catchfly	9.1	6.3	70.0	0.7	7.8	7.8	3.1
25	Bluebur	17.7	4.0	22.8	0.3	1.7	2.4	3.1
26	Kochia	16.6	3.4	20.7	0.6	3.3	6.2	2.9
27	Narrow-leaved hawk's-beard	17.4	2.2	12.5	0.2	0.9	1.0	2.4
28	Chickweed	8.7	3.0	35.0	0.7	8.2	8.2	2.1
29	Prostrate knotweed	14.5	1.1	7.3	0.1	1.0	2.0	1.8
30	Annual spurge species	8.7	1.7	20.0	0.1	1.6	1.6	1.4
31	Common groundsel	8.7	1.3	15.0	0.2	2.8	2.8	1.4
32	Purslane	8.7	1.3	15.0	0.2	2.2	2.2	1.3
33	Pineappleweed	8.7	1.3	15.0	0.1	1.0	1.0	1.3
34	Russian thistle	9.1	0.9	10.0	0.1	0.6	0.6	1.2
35	Prickly lettuce	8.7	0.9	10.0	0.1	0.8	0.8	1.1
36	Field horsetail	8.7	0.9	10.0	< 0.1	0.4	0.4	1.1
37	Canada fleabane	8.7	0.4	5.0	0.1	1.6	1.6	1.1
38	False cleavers	9.1	0.5	5.0	< 0.1	0.4	0.4	1.0
39	Yellow sweet-clover	8.7	0.4	5.0	0.1	0.8	0.8	1.0
40	Rough cinquefoil	8.7	0.4	5.0	< 0.1	0.4	0.4	1.0
41	Annual sow-thistle	8.7	0.4	5.0	< 0.1	0.4	0.4	1.0
42	Northern willowherb	8.7	0.4	5.0	< 0.1	0.4	0.4	1.0
43	Tumble mustard	8.7	0.4	5.0	< 0.1	0.2	0.2	1.0
44	Purslane speedwell	8.7	0.4	5.0	< 0.1	0.2	0.2	1.0
45	Common pepper-grass	6.6	0.3	5.0	< 0.1	0.2	0.2	0.7

Table 105. 2014/15 Canola in Crop District 1B in Southeastern Saskatchewan (31 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	65.3	31.8	48.8	9.7	14.9	87.2	47.9
2	Wheat	64.0	37.9	59.2	6.6	10.2	36.4	41.4
3	Wild oats	52.0	20.6	39.6	3.5	6.7	40.0	24.2
4	Shepherd's-purse	54.4	16.7	30.7	3.0	5.5	21.0	21.5
5	Dandelion	71.0	20.3	28.6	1.6	2.3	12.8	21.1
6	Wild buckwheat	60.4	21.0	34.8	1.4	2.3	5.8	19.5
7	Foxtail barley	28.1	6.5	23.2	2.8	10.0	70.6	13.8
8	Lamb's-quarters	50.7	6.7	13.2	0.5	1.1	3.0	10.1
9	Spiny annual sow-thistle	29.4	8.8	30.1	1.0	3.3	16.0	9.8
10	Biennial wormwood	46.2	6.6	14.2	0.4	0.8	2.2	9.1
11	Canada thistle	41.6	7.2	17.2	0.5	1.1	3.6	9.0
12	Round-leaved mallow	27.0	7.2	26.7	0.7	2.5	6.6	7.9
13	Black medick	25.9	4.4	16.8	0.4	1.4	5.8	5.8
14	Broad-leaved plantain	23.1	4.1	17.6	0.4	1.6	5.2	5.4
15	Redroot pigweed	27.5	3.4	12.3	0.3	0.9	3.6	5.2
16	False cleavers	22.3	3.6	16.0	0.3	1.2	4.6	4.8
17	Chickweed	22.9	3.0	13.2	0.3	1.4	5.0	4.7
18	Flax	10.6	3.6	33.6	0.3	2.7	6.4	3.5
19	Stinkweed	14.9	2.5	16.7	0.2	1.6	2.4	3.4
20	Yellow sweet-clover	6.0	2.8	47.5	0.5	8.3	15.2	3.2
21	Canada fleabane	13.8	2.2	15.7	0.2	1.3	4.4	3.0
22	Prickly lettuce	9.9	1.3	13.5	0.1	0.8	1.2	1.9
23	Perennial sow-thistle	8.0	1.6	20.0	0.1	1.2	1.4	1.8
24	Pale smartweed	8.2	1.5	18.6	0.1	1.2	1.8	1.8
25	Northern willowherb	4.2	1.9	44.1	0.2	4.0	4.4	1.7
26	Alfalfa	8.2	1.4	16.5	0.1	0.8	1.4	1.7
27	Canola/rapeseed	7.6	1.3	17.3	0.1	1.0	1.2	1.6
28	Kochia	7.9	0.4	5.0	0.1	0.9	1.6	1.2
29	Barnyard grass species	8.0	0.6	7.5	< 0.1	0.3	0.4	1.2
30	Golden dock	3.9	0.8	20.0	0.1	3.6	3.6	1.2
31	False ragweed	1.3	1.1	85.0	0.2	12.6	12.6	1.0
32	Rough cinquefoil	5.2	0.7	13.8	< 0.1	0.7	0.8	1.0
33	Prostrate knotweed	6.9	0.3	5.0	< 0.1	0.2	0.2	1.0
34	Wild mustard	4.2	0.5	13.0	0.1	1.4	2.0	0.9
35	Stork's-bill	3.0	0.6	20.0	0.1	1.8	1.8	0.7
36	Pineappleweed	5.2	0.3	5.0	< 0.1	0.2	0.2	0.7
37	Clover species	3.0	0.4	15.0	0.1	2.2	2.2	0.7
38	Common pepper-grass	3.9	0.4	10.0	< 0.1	0.8	0.8	0.7
39	Purslane	3.0	0.4	15.0	< 0.1	1.6	1.6	0.7
40	Dog mustard	3.9	0.4	10.0	< 0.1	0.4	0.4	0.7
41	Willow species	3.9	0.2	5.0	< 0.1	0.2	0.2	0.5
42	Night-flowering catchfly	3.0	0.3	10.0	< 0.1	0.4	0.4	0.5
43	Hemp-nettle	3.0	0.3	10.0	< 0.1	0.4	0.4	0.5
44	American vetch	3.0	0.1	5.0	< 0.1	0.4	0.4	0.4
45	Bicknell's geranium	3.0	0.1	5.0	< 0.1	0.2	0.2	0.4
46	Narrow-leaved hawk's-beard	3.0	0.1	5.0	< 0.1	0.2	0.2	0.4
47	Annual spurge species	3.0	0.1	5.0	< 0.1	0.2	0.2	0.4
48	Big bluestem	3.0	0.1	5.0	< 0.1	0.2	0.2	0.4

Field Survey Summary Tables – Crop District 2A

Table 106. 2014/15 Annual crops in Crop District 2A in Southeastern Saskatchewan (96 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	32.6	17.1	52.4	8.3	25.6	252.4	44.0
2	Wild buckwheat	51.8	17.0	32.9	1.6	3.0	18.6	26.6
3	Lamb's-quarters	24.3	13.3	54.7	3.8	15.7	132.8	25.6
4	Barnyard grass species	23.3	11.6	50.0	2.5	10.9	83.2	20.3
5	Canada thistle	41.1	10.1	24.7	1.3	3.2	16.2	19.2
6	Wild oats	20.2	7.9	38.9	2.4	11.7	104.6	16.7
7	Redroot pigweed	17.2	6.9	40.0	2.3	13.2	102.8	15.2
8	Canola/rapeseed	26.8	9.2	34.3	0.8	3.1	18.2	14.1
9	Kochia	22.4	5.8	25.9	1.2	5.4	43.8	12.2
10	Round-leaved mallow	26.6	7.0	26.1	0.6	2.3	8.0	11.9
11	Wild mustard	14.0	6.0	42.8	1.4	9.8	64.8	11.1
12	Perennial sow-thistle	19.4	5.3	27.4	0.6	3.1	10.0	9.3
13	Flax	7.3	3.5	47.8	1.5	20.3	110.4	8.4
14	Stinkweed	17.4	4.7	27.1	0.5	3.0	13.8	8.3
15	Dandelion	18.0	4.9	27.4	0.4	2.2	7.8	8.1
16	Spiny annual sow-thistle	16.6	4.8	29.0	0.5	2.8	17.6	8.0
17	Biennial wormwood	9.1	2.2	23.8	0.4	4.1	27.0	4.5
18	Black medick	6.9	2.8	40.3	0.3	4.0	9.4	4.1
19	Wheat	8.3	2.1	25.3	0.3	3.6	19.2	4.0
20	Foxtail barley	11.3	1.7	14.9	0.2	1.6	6.4	4.0
21	Annual spurge species	9.4	1.4	14.9	0.1	1.3	3.8	3.2
22	Dock species	7.3	1.3	18.3	0.1	1.1	3.0	2.6
23	Shepherd's-purse	5.4	0.7	12.3	< 0.1	0.8	2.0	1.7
24	Cow cockle	4.1	0.9	21.5	0.1	1.4	3.2	1.6
25	Alfalfa	2.0	1.0	50.0	0.1	3.7	6.2	1.3
26	Prostrate knotweed	3.4	0.6	19.1	< 0.1	1.0	1.6	1.2
27	Narrow-leaved hawk's-beard	2.1	0.3	14.6	0.2	7.5	12.2	1.1
28	Bluebur	3.3	0.5	15.5	< 0.1	0.7	1.4	1.1
29	Oak-leaved goosefoot	3.0	0.5	15.1	< 0.1	1.3	3.2	1.0
30	Pale smartweed	2.3	0.5	22.5	0.1	2.7	5.2	1.0
31	Common pepper-grass	3.3	0.3	10.2	< 0.1	0.6	0.8	0.9
32	Tumble pigweed	3.1	0.3	8.2	< 0.1	0.3	0.6	0.8
33	Soybean	2.3	0.4	17.5	< 0.1	0.7	0.8	0.8
34	Rough cinquefoil	2.2	0.3	12.6	< 0.1	0.7	1.0	0.7
35	Yellow sweet-clover	2.1	0.2	9.6	< 0.1	0.6	0.8	0.6
36	Field pea	2.3	0.1	5.0	< 0.1	0.2	0.2	0.6
37	Night-flowering catchfly	1.1	0.3	25.0	< 0.1	1.6	1.6	0.5
38	Small bugloss	1.1	0.3	25.0	< 0.1	1.2	1.2	0.5
39	Broad-leaved plantain	1.1	0.3	25.0	< 0.1	1.2	1.2	0.5
40	Flixweed	1.0	0.2	20.0	< 0.1	1.0	1.0	0.4
41	American vetch	1.1	0.1	10.0	< 0.1	0.8	0.8	0.3
42	Hemp-nettle	1.1	0.1	10.0	< 0.1	0.6	0.6	0.3
43	Annual sow-thistle	1.0	0.1	10.0	< 0.1	1.0	1.0	0.3
44	Annual brome species	1.0	0.1	10.0	< 0.1	1.0	1.0	0.3
45	Canada fleabane	1.1	0.1	5.0	< 0.1	0.2	0.2	0.3
46	Quack grass	1.1	0.1	5.0	< 0.1	0.2	0.2	0.3
47	Goldenrod species	1.1	0.1	5.0	< 0.1	0.2	0.2	0.3
48	Persian damel	1.0	< 0.1	5.0	< 0.1	0.2	0.2	0.2

Field Survey Summary Tables – Spring wheat in Crop District 2A

Table 107. 2014/15 Spring wheat in Crop District 2A in Southeastern Saskatchewan (20 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	46.7	29.5	63.1	22.5	48.2	252.4	53.0
2	Wild buckwheat	80.8	38.2	47.3	3.7	4.6	18.6	33.8
3	Lamb's-quarters	37.0	29.8	80.6	8.3	22.5	99.8	30.3
4	Wild mustard	31.9	17.5	54.6	5.4	17.0	64.8	20.2
5	Wild oats	31.0	19.2	61.8	4.7	15.2	48.2	19.7
6	Canada thistle	55.8	15.5	27.8	2.0	3.7	15.6	18.2
7	Barnyard grass species	29.6	14.5	48.9	3.5	11.7	39.0	15.8
8	Redroot pigweed	15.2	11.3	74.5	3.5	23.1	47.8	12.2
9	Flax	5.2	5.2	100.0	5.8	110.4	110.4	11.6
10	Dandelion	35.9	10.5	29.3	1.0	2.7	7.8	11.5
11	Round-leaved mallow	40.1	8.3	20.7	0.8	2.0	4.6	11.0
12	Stinkweed	21.5	8.8	41.0	1.2	5.4	13.8	8.7
13	Biennial wormwood	9.7	6.8	69.6	1.6	15.9	27.0	6.6
14	Black medick	16.8	7.3	43.6	0.6	3.7	4.2	6.6
15	Kochia	24.0	3.0	12.7	0.3	1.1	3.6	5.5
16	Spiny annual sow-thistle	15.2	6.0	39.3	0.4	2.9	4.4	5.5
17	Perennial sow-thistle	16.2	2.4	15.0	0.4	2.4	5.6	4.2
18	Prostrate knotweed	11.0	2.3	20.7	0.1	0.9	1.6	2.8
19	Bluebur	10.5	2.1	20.0	0.1	0.9	1.4	2.7
20	Cow cockle	9.7	1.8	18.4	0.1	1.0	1.6	2.4
21	Rough cinquefoil	9.9	1.3	12.6	0.1	0.7	1.0	2.2
22	Annual spurge species	9.4	1.2	12.5	0.1	0.8	1.0	2.1
23	Pale smartweed	5.2	2.1	40.0	0.3	5.2	5.2	2.1
24	Shepherd's-purse	9.7	0.5	5.0	< 0.1	0.4	0.6	1.8
25	Broad-leaved plantain	5.2	1.3	25.0	0.1	1.2	1.2	1.5
26	Dock species	5.2	1.0	20.0	0.1	1.0	1.0	1.3
27	Canola/rapeseed	4.7	0.9	20.0	0.1	1.8	1.8	1.3
28	Common pepper-grass	5.2	0.8	15.0	< 0.1	0.8	0.8	1.2
29	Soybean	5.2	0.8	15.0	< 0.1	0.6	0.6	1.2
30	American vetch	5.2	0.5	10.0	< 0.1	0.8	0.8	1.1
31	Canada fleabane	5.2	0.3	5.0	< 0.1	0.2	0.2	1.0
32	Foxtail barley	4.5	0.2	5.0	< 0.1	0.8	0.8	0.9

Field Survey Summary Tables – Durum in Crop District 2A

Table 108. 2014/15 Durum in Crop District 2A in Southeastern Saskatchewan (23 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	29.1	16.6	57.2	5.9	20.3	90.8	61.7
2	Redroot pigweed	17.6	8.9	50.4	5.9	33.3	102.8	49.4
3	Wild buckwheat	39.8	13.1	32.9	1.2	3.0	9.6	33.5
4	Barnyard grass species	17.3	8.2	47.5	0.8	4.5	11.6	18.9
5	Lamb's-quarters	17.5	6.5	37.4	0.5	2.8	6.4	15.4
6	Foxtail barley	22.5	4.9	21.7	0.5	2.2	5.0	15.0
7	Canada thistle	26.5	3.5	13.3	0.5	1.7	4.4	14.6
8	Canola/rapeseed	22.8	4.2	18.4	0.2	1.1	2.2	13.0
9	Kochia	17.3	5.0	28.8	0.3	1.6	2.8	12.4
10	Round-leaved mallow	13.6	2.9	21.5	0.2	1.4	3.6	8.5
11	Cow cockle	8.8	2.2	24.7	0.2	1.8	3.2	6.0
12	Wild oats	7.7	2.0	26.0	0.1	1.8	2.8	5.4
13	Dandelion	9.0	1.8	20.0	0.1	1.1	1.4	5.3
14	Perennial sow-thistle	9.0	1.1	12.5	0.2	1.7	2.8	4.9
15	Biennial wormwood	8.6	1.5	17.5	0.1	1.1	1.6	4.9
16	Spiny annual sow-thistle	8.8	1.1	12.3	0.1	1.3	2.4	4.5
17	Annual spurge species	9.0	0.9	10.0	0.1	1.4	1.8	4.5
18	Dock species	8.6	1.1	12.5	0.1	0.9	1.6	4.3
19	Wild mustard	4.5	1.1	25.0	0.1	1.8	1.8	3.1
20	Alfalfa	4.3	1.1	25.0	0.1	1.2	1.2	2.8
21	Narrow-leaved hawk's-beard	4.3	0.9	20.0	0.1	2.0	2.0	2.8
22	Stinkweed	4.3	0.6	15.0	<0.1	0.8	0.8	2.2
23	Shepherd's-purse	4.3	0.4	10.0	<0.1	0.6	0.6	1.9
24	Tumble pigweed	5.0	0.3	5.0	<0.1	0.2	0.2	1.9
25	Field pea	4.5	0.2	5.0	<0.1	0.2	0.2	1.7
26	Common pepper-grass	4.3	0.2	5.0	<0.1	0.4	0.4	1.7

Table 109. 2014/15 Canola in Crop District 2A in Southeastern Saskatchewan (22 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Barnyard grass species	27.6	13.5	49.0	1.6	5.7	11.4	36.0
2	Canola/rapeseed	38.3	13.9	36.2	1.0	2.5	10.4	32.8
3	Spiny annual sow-thistle	21.4	9.2	43.3	1.2	5.8	17.6	26.9
4	Wild buckwheat	41.5	8.2	19.8	0.8	2.0	10.6	26.9
5	Round-leaved mallow	35.9	9.3	26.0	0.9	2.4	7.8	26.6
6	Flax	13.7	7.4	53.9	0.8	5.7	10.0	18.5
7	Redroot pigweed	25.7	6.0	23.3	0.5	2.0	4.8	17.5
8	Wild oats	13.9	3.0	21.9	0.4	2.9	5.4	10.5
9	Lamb's-quarters	17.4	3.6	20.6	0.3	1.5	4.0	10.3
10	Perennial sow-thistle	13.9	3.9	28.1	0.3	1.8	2.8	9.8
11	Annual spurge species	12.9	3.0	23.3	0.3	2.1	3.8	8.8
12	Green foxtail	12.4	2.3	18.3	0.3	2.1	5.6	7.9
13	Stinkweed	18.7	1.8	9.7	0.1	0.7	1.6	7.6
14	Canada thistle	18.7	1.6	8.7	0.1	0.6	1.4	7.4
15	Kochia	17.4	1.9	11.1	0.1	0.5	1.0	7.0
16	Alfalfa	4.1	3.1	75.0	0.3	6.2	6.2	6.6
17	Wild mustard	8.6	2.2	25.0	0.2	2.3	2.8	6.2
18	Wheat	9.1	2.2	24.5	0.2	1.8	3.2	6.1
19	Shepherd's-purse	9.6	1.9	20.0	0.1	1.3	2.0	5.5
20	Oak-leaved goosefoot	8.6	1.5	17.5	0.1	1.7	3.2	5.1
21	Small bugloss	4.8	1.2	25.0	0.1	1.2	1.2	2.9
22	Biennial wormwood	8.3	0.6	7.5	< 0.1	0.3	0.4	2.9
23	Soybean	4.8	1.0	20.0	< 0.1	0.8	0.8	2.5
24	Dandelion	4.1	0.8	20.0	0.1	1.6	1.6	2.5
25	Annual brome species	4.1	0.4	10.0	< 0.1	1.0	1.0	1.8
26	Dock species	4.3	0.4	10.0	< 0.1	0.4	0.4	1.7
27	Goldenrod species	4.8	0.2	5.0	< 0.1	0.2	0.2	1.5

Field Survey Summary Tables – Lentil in Crop District 2A

Table 110. 2014/15 Lentil in Crop District 2A in Southeastern Saskatchewan (11 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Canola/rapeseed	73.2	31.1	42.6	2.8	3.8	10.8	81.4
2	Kochia	17.9	10.3	57.5	4.3	24.0	43.8	55.2
3	Canada thistle	44.7	9.8	22.0	1.1	2.4	3.2	33.8
4	Wild oats	37.8	9.0	23.8	1.0	2.7	5.8	30.2
5	Wild mustard	26.8	7.6	28.3	0.5	1.9	3.0	21.0
6	Wheat	19.9	5.2	26.0	0.5	2.4	3.4	15.9
7	Wild buckwheat	17.9	4.0	22.5	0.4	2.2	3.6	13.2
8	Spiny annual sow-thistle	26.5	3.1	11.7	0.1	0.5	0.8	12.2
9	Round-leaved mallow	17.9	2.2	12.5	0.1	0.7	1.0	8.8
10	Lamb's-quarters	8.9	1.3	15.0	0.1	1.2	1.2	5.1
11	Flax	8.9	1.3	15.0	0.1	0.6	0.6	4.6
12	Annual sow-thistle	8.9	0.9	10.0	0.1	1.0	1.0	4.4
13	Field pea	11.0	0.5	5.0	< 0.1	0.2	0.2	4.0
14	Perennial sow-thistle	8.9	0.9	10.0	< 0.1	0.4	0.4	3.9
15	Dandelion	8.9	0.4	5.0	< 0.1	0.2	0.2	3.2
16	Biennial wormwood	8.6	0.4	5.0	< 0.1	0.2	0.2	3.1

Table 111. 2014/15 Annual crops in Crop District 2B in Southeastern Saskatchewan (132 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	36.0	16.9	47.1	9.8	27.3	207.4	39.8
2	Spiny annual sow-thistle	38.3	14.9	39.0	5.9	15.4	545.2	29.6
3	Canola/rapeseed	36.8	13.8	37.6	3.3	9.1	158.0	22.5
4	Wild buckwheat	54.2	15.7	28.9	1.4	2.5	16.0	21.8
5	Wild oats	28.1	11.0	39.4	1.8	6.5	42.4	15.8
6	Canada thistle	44.6	9.1	20.4	1.1	2.4	14.4	15.5
7	Barnyard grass species	17.8	5.0	27.9	4.0	22.3	390.6	15.5
8	Dandelion	24.4	7.0	28.5	1.3	5.3	77.4	11.4
9	Perennial sow-thistle	9.7	2.2	22.3	3.3	34.4	389.8	11.0
10	Shepherd's-purse	18.6	6.9	36.8	1.3	6.9	33.0	10.4
11	Lamb's-quarters	24.0	4.9	20.3	0.4	1.5	6.2	7.8
12	False cleavers	15.5	5.2	33.4	0.7	4.6	18.8	7.5
13	Round-leaved mallow	21.7	4.3	19.9	0.3	1.6	13.0	7.1
14	Wild mustard	16.9	4.9	28.8	0.5	3.2	30.6	7.0
15	Redroot pigweed	13.9	3.1	22.5	0.4	2.7	14.0	5.1
16	Annual spurge species	15.0	2.9	19.1	0.3	1.9	15.2	4.9
17	Foxtail barley	11.9	3.3	27.9	0.3	2.8	12.6	4.8
18	Kochia	12.1	2.2	18.3	0.4	3.0	25.4	4.2
19	Biennial wormwood	13.6	2.2	15.9	0.3	1.8	17.0	4.2
20	Flax	5.5	2.3	42.8	0.7	12.3	40.0	3.9
21	Stinkweed	10.1	2.4	23.6	0.3	2.8	13.0	3.8
22	Wheat	11.7	2.3	19.3	0.2	1.7	4.4	3.8
23	Annual brome species	4.6	1.4	30.0	0.4	8.9	27.0	2.6
24	Night-flowering catchfly	7.3	1.6	22.3	0.2	2.1	4.8	2.6
25	Scentless chamomile	5.5	1.3	24.5	0.3	5.2	17.8	2.4
26	Black medick	7.2	1.4	19.0	0.1	1.5	4.2	2.3
27	Alfalfa	4.0	1.7	42.1	0.3	6.3	16.4	2.3
28	Canary grass	0.8	0.8	100.0	0.7	79.6	79.6	2.2
29	Russian thistle	3.8	1.7	46.0	0.1	3.9	9.6	2.0
30	Narrow-leaved hawk's-beard	7.7	0.8	10.6	< 0.1	0.6	2.6	1.9
31	Dock species	6.7	0.9	13.4	0.1	0.9	3.0	1.8
32	Tumble pigweed	5.6	0.9	16.7	0.1	1.4	7.4	1.7
33	Prickly lettuce	4.0	0.9	22.7	0.1	2.4	9.6	1.4
34	Pale smartweed	3.2	0.7	21.5	0.2	5.7	20.4	1.4
35	Oats	0.8	0.8	100.0	0.3	36.0	36.0	1.3
36	Scouler's popcomflower	0.8	0.7	90.0	0.3	39.4	39.4	1.3
37	Hemp-nettle	3.2	0.7	21.4	0.1	4.3	15.0	1.3
38	Broad-leaved plantain	4.8	0.4	8.2	< 0.1	0.4	0.6	1.1
39	Quack grass	1.6	0.6	41.6	0.1	8.7	10.4	1.0
40	Annual sow-thistle	3.1	0.4	12.3	< 0.1	1.1	2.6	0.8
41	Absinth	3.2	0.3	8.8	< 0.1	0.7	1.2	0.8
42	Golden dock	1.7	0.5	30.3	0.1	4.6	8.6	0.8
43	Rough cinquefoil	2.4	0.3	11.7	< 0.1	1.2	2.2	0.6
44	Northern willowherb	1.7	0.3	15.0	< 0.1	2.0	2.4	0.5
45	Flixweed	2.3	0.1	6.6	< 0.1	0.3	0.4	0.5
46	Yellow sweet-clover	2.4	0.1	5.0	< 0.1	0.2	0.2	0.5
47	Lentil	1.4	0.3	17.5	< 0.1	1.8	3.2	0.5
48	Canada fleabane	1.6	0.2	15.0	< 0.1	1.3	2.0	0.5
49	Low cudweed	1.6	0.2	12.5	< 0.1	1.2	1.8	0.4
50	Wormseed mustard	1.6	0.2	15.0	< 0.1	0.7	0.8	0.4
51	Rayless aster	1.5	0.2	12.9	< 0.1	0.5	0.8	0.4
52	Barley	0.8	0.3	35.0	< 0.1	2.8	2.8	0.4

(Table continued on next page)

Field Survey Summary Tables – Crop District 2B

Table 111. 2014/15 Annual crops in Crop District 2B in Southeastern Saskatchewan (132 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Field pea	1.4	0.1	10.0	<0.1	0.5	0.6	0.3
54	Field bindweed	0.8	0.3	30.0	<0.1	2.4	2.4	0.3
55	Pineappleweed	0.8	0.3	35.0	<0.1	1.4	1.4	0.3
56	Prostrate knotweed	1.6	0.1	5.0	<0.1	0.2	0.2	0.3
57	Common pepper-grass	1.6	0.1	5.0	<0.1	0.5	0.8	0.3
58	Purslane	1.6	0.1	5.0	<0.1	0.3	0.4	0.3
59	Cow cockle	1.4	0.1	5.0	<0.1	0.6	1.0	0.3
60	Bluebur	0.8	0.1	15.0	<0.1	0.6	0.6	0.2
61	Chickweed	0.8	0.1	10.0	<0.1	0.6	0.6	0.2
62	Five-hooked bassia	0.7	0.1	10.0	<0.1	1.0	1.0	0.2
63	Blue grass species	0.7	0.1	10.0	<0.1	0.6	0.6	0.2
64	Pygmyflower	0.8	<0.1	5.0	<0.1	1.0	1.0	0.2
65	Slough grass	0.7	0.1	10.0	<0.1	0.4	0.4	0.2
66	Sunflower species	0.7	0.1	10.0	<0.1	0.4	0.4	0.2
67	Blue lettuce	0.8	<0.1	5.0	<0.1	0.2	0.2	0.2
68	Purslane speedwell	0.8	<0.1	5.0	<0.1	0.2	0.2	0.2
69	Ball mustard	0.8	<0.1	5.0	<0.1	0.2	0.2	0.2
70	Milk-vetch species	0.8	<0.1	5.0	<0.1	0.2	0.2	0.2
71	Marsh yellow cress	0.7	<0.1	5.0	<0.1	0.2	0.2	0.1
72	Goat's-beard	0.7	<0.1	5.0	<0.1	0.2	0.2	0.1
73	Prostrate pigweed	0.7	<0.1	5.0	<0.1	0.2	0.2	0.1
74	Pasture sage	0.7	<0.1	5.0	<0.1	0.2	0.2	0.1
75	Skeletonweed	0.7	<0.1	5.0	<0.1	0.2	0.2	0.1

Table 112. 2014/15 Spring wheat in Crop District 2B in Southeastern Saskatchewan (21 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	68.6	42.8	62.3	28.9	42.1	146.4	66.5
2	Canola/rapeseed	54.0	25.4	47.0	6.4	11.9	74.6	25.4
3	Wild oats	49.6	24.5	49.3	3.8	7.6	15.6	20.6
4	Wild buckwheat	67.7	20.4	30.1	2.0	3.0	16.0	18.7
5	Dandelion	24.5	17.7	72.2	5.9	24.1	77.4	18.2
6	Spiny annual sow-thistle	39.5	15.3	38.8	1.7	4.3	14.0	12.9
7	Barnyard grass species	33.8	9.6	28.4	2.8	8.3	21.6	11.8
8	Shepherd's-purse	35.0	10.3	29.3	2.0	5.8	28.4	11.0
9	Canada thistle	43.4	9.6	22.2	0.8	1.9	6.0	10.0
10	Kochia	33.1	8.8	26.6	1.7	5.1	25.4	9.7
11	Foxtail barley	29.3	11.3	38.6	1.3	4.5	12.6	9.7
12	Flax	10.0	7.5	75.0	2.9	29.5	40.0	8.3
13	Round-leaved mallow	29.5	8.0	27.0	0.8	2.9	13.0	7.8
14	Biennial wormwood	29.5	6.8	23.1	1.1	3.6	17.0	7.7
15	False cleavers	24.9	6.5	26.2	0.8	3.2	6.6	6.6
16	Lamb's-quarters	30.0	4.8	16.1	0.4	1.4	5.2	6.0
17	Annual spurge species	14.0	5.9	42.0	0.9	6.1	15.2	5.1
18	Russian thistle	13.7	5.9	43.1	0.6	4.4	9.6	4.7
19	Prickly lettuce	14.7	4.8	32.4	0.6	3.8	9.6	4.4
20	Night-flowering catchfly	15.0	3.2	21.7	0.3	1.8	2.8	3.4
21	Black medick	15.1	3.0	19.9	0.2	1.6	4.2	3.3
22	Tumble pigweed	10.1	3.8	37.9	0.4	3.8	7.4	3.2
23	Redroot pigweed	14.4	2.4	16.3	0.2	1.7	3.6	3.0
24	Canada fleabane	9.6	1.4	15.0	0.1	1.3	2.0	1.9
25	Hemp-nettle	10.0	1.0	10.0	0.1	0.9	1.2	1.7
26	Rayless aster	9.4	1.2	12.9	< 0.1	0.5	0.8	1.7
27	Broad-leaved plantain	9.8	0.7	7.6	< 0.1	0.3	0.4	1.5
28	Scentless chamomile	9.2	0.5	5.0	0.1	1.6	2.8	1.5
29	Narrow-leaved hawk's-beard	8.9	0.7	7.5	< 0.1	0.3	0.4	1.4
30	Pineappleweed	5.0	1.7	35.0	0.1	1.4	1.4	1.4
31	Lentil	4.4	1.1	25.0	0.1	3.2	3.2	1.2
32	Annual brome species	4.4	0.7	15.0	0.2	4.8	4.8	1.1
33	Alfalfa	4.8	0.2	5.0	0.2	4.2	4.2	1.0
34	Stinkweed	5.0	0.7	15.0	< 0.1	1.0	1.0	1.0
35	Low cudweed	5.0	0.7	15.0	< 0.1	0.6	0.6	0.9
36	Absinth	5.0	0.5	10.0	< 0.1	1.0	1.0	0.9
37	Perennial sow-thistle	4.4	0.7	15.0	< 0.1	1.0	1.0	0.8
38	Golden dock	5.0	0.5	10.0	< 0.1	0.4	0.4	0.8
39	Five-hooked bassia	4.4	0.4	10.0	< 0.1	1.0	1.0	0.8
40	Prostrate knotweed	5.0	0.2	5.0	< 0.1	0.2	0.2	0.7
41	Common pepper-grass	4.4	0.2	5.0	< 0.1	0.8	0.8	0.7
42	Wild mustard	4.4	0.2	5.0	< 0.1	0.6	0.6	0.7
43	Pasture sage	4.4	0.2	5.0	< 0.1	0.2	0.2	0.6

Field Survey Summary Tables – Durum in Crop District 2B

Table 113. 2014/15 Durum in Crop District 2B in Southeastern Saskatchewan (26 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Canada thistle	56.9	7.7	13.6	0.9	1.6	3.6	43.7
2	Wild mustard	34.6	9.9	28.7	0.6	1.8	4.8	36.3
3	Wild buckwheat	38.3	6.3	16.5	0.4	0.9	2.2	27.1
4	Annual brome species	3.7	2.6	70.0	1.0	27.0	27.0	22.4
5	Spiny annual sow-thistle	18.6	4.1	22.0	0.6	3.0	13.8	21.3
6	Flax	12.2	3.1	25.4	0.5	4.2	11.2	17.1
7	Lamb's-quarters	15.5	2.6	17.0	0.2	1.3	2.8	12.0
8	Canola/rapeseed	19.2	2.3	11.8	0.1	0.6	1.0	10.9
9	Wild oats	4.3	2.2	50.0	0.3	7.2	7.2	10.1
10	Dandelion	14.8	2.0	13.8	0.1	0.9	2.0	9.7
11	Perennial sow-thistle	18.6	1.7	9.0	0.1	0.6	1.0	9.6
12	Green foxtail	14.8	1.9	12.5	0.1	0.7	1.4	8.7
13	Round-leaved mallow	16.1	1.6	9.8	0.1	0.6	0.8	8.6
14	Wheat	7.4	2.0	27.5	0.2	2.3	3.0	8.3
15	Russian thistle	4.3	2.2	50.0	0.1	3.2	3.2	7.1
16	Field bindweed	4.3	1.3	30.0	0.1	2.4	2.4	5.1
17	Annual spurge species	8.0	1.0	13.1	0.1	0.7	1.2	4.9
18	Redroot pigweed	7.4	0.9	12.5	0.1	1.0	1.8	4.8
19	Tumble pigweed	12.3	0.6	5.0	< 0.1	0.2	0.2	4.8
20	Dock species	11.1	0.6	5.0	< 0.1	0.2	0.2	4.3
21	Kochia	7.4	0.6	7.5	0.1	0.9	1.6	4.1
22	Biennial wormwood	8.0	0.4	5.0	< 0.1	0.6	1.0	3.6
23	Stinkweed	4.3	0.6	15.0	< 0.1	0.8	0.8	2.8
24	Field pea	3.7	0.6	15.0	< 0.1	0.6	0.6	2.3
25	Foxtail barley	3.7	0.4	10.0	< 0.1	0.6	0.6	2.0
26	Pale smartweed	3.7	0.4	10.0	< 0.1	0.4	0.4	1.9
27	Lentil	3.7	0.4	10.0	< 0.1	0.4	0.4	1.9
28	Blue lettuce	4.3	0.2	5.0	< 0.1	0.2	0.2	1.7
29	Narrow-leaved hawk's-beard	3.7	0.2	5.0	< 0.1	0.2	0.2	1.4
30	Barnyard grass species	3.7	0.2	5.0	< 0.1	0.2	0.2	1.4

Table 114. 2014/15 Canola in Crop District 2B in Southeastern Saskatchewan (31 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Spiny annual sow-thistle	43.3	19.8	45.7	19.4	44.8	545.2	53.3
2	Green foxtail	30.2	14.9	49.4	10.3	34.1	178.6	32.7
3	Perennial sow-thistle	7.1	3.6	50.0	13.9	195.0	389.8	26.2
4	False cleavers	32.4	14.7	45.4	2.2	6.7	18.8	20.0
5	Wild oats	26.3	13.3	50.4	3.3	12.4	42.4	19.5
6	Wild buckwheat	40.3	12.6	31.3	1.2	3.0	10.8	18.7
7	Shepherd's-purse	24.6	9.3	37.7	1.4	5.9	12.0	13.6
8	Canada thistle	29.0	4.6	16.0	0.6	2.1	7.8	10.1
9	Dandelion	21.2	5.0	23.5	0.3	1.6	3.8	8.3
10	Canary grass	3.6	3.6	100.0	2.8	79.6	79.6	7.7
11	Redroot pigweed	16.7	4.6	27.5	0.5	3.1	9.4	7.3
12	Barnyard grass species	10.1	4.4	43.5	1.0	10.2	19.2	6.7
13	Canola/rapeseed	9.2	4.2	45.0	0.4	4.0	4.8	5.3
14	Lamb's-quarters	17.1	1.9	11.1	0.1	0.9	2.8	5.1
15	Annual brome species	6.9	2.9	42.5	0.7	10.6	20.6	4.6
16	Alfalfa	6.5	3.4	52.4	0.6	9.0	16.4	4.6
17	Biennial wormwood	14.1	2.1	15.1	0.1	1.0	2.2	4.6
18	Round-leaved mallow	13.6	1.9	14.1	0.1	0.8	1.2	4.3
19	Pale smartweed	7.0	2.3	32.1	0.7	10.2	20.4	4.1
20	Wheat	10.6	2.3	21.5	0.1	1.4	2.8	4.0
21	Scentless chamomile	7.1	2.0	27.5	0.4	5.9	10.8	3.5
22	Night-flowering catchfly	7.0	1.9	27.3	0.2	2.7	4.8	3.0
23	Broad-leaved plantain	10.6	0.7	6.6	< 0.1	0.4	0.6	2.7
24	Narrow-leaved hawk's-beard	7.1	1.4	20.0	0.1	1.5	2.6	2.6
25	Flax	3.1	1.8	60.0	0.4	11.8	11.8	2.4
26	Northern willowherb	7.1	1.1	15.0	0.1	2.0	2.4	2.4
27	Golden dock	3.6	1.8	50.0	0.3	8.6	8.6	2.4
28	Dock species	6.5	1.0	15.6	0.1	1.7	3.0	2.2
29	Absinth	6.9	0.7	10.0	< 0.1	0.7	1.2	2.0
30	Annual spurge species	6.2	0.8	12.5	< 0.1	0.6	1.0	1.9
31	Russian thistle	3.1	1.5	50.0	0.1	3.4	3.4	1.8
32	Stinkweed	3.1	1.4	45.0	0.1	4.6	4.6	1.8
33	Barley	3.5	1.2	35.0	0.1	2.8	2.8	1.7
34	Annual sow-thistle	3.6	0.4	10.0	< 0.1	1.2	1.2	1.0
35	Foxtail barley	3.6	0.4	10.0	< 0.1	0.6	0.6	1.0
36	Prickly lettuce	3.6	0.4	10.0	< 0.1	0.4	0.4	1.0
37	Chickweed	3.5	0.3	10.0	< 0.1	0.6	0.6	1.0
38	Blue grass species	3.1	0.3	10.0	< 0.1	0.6	0.6	0.9
39	Purslane speedwell	3.6	0.2	5.0	< 0.1	0.2	0.2	0.9
40	Yellow sweet-clover	3.6	0.2	5.0	< 0.1	0.2	0.2	0.9
41	Ball mustard	3.5	0.2	5.0	< 0.1	0.2	0.2	0.8
42	Prostrate pigweed	3.1	0.2	5.0	< 0.1	0.2	0.2	0.8
43	Purslane	3.1	0.2	5.0	< 0.1	0.2	0.2	0.8

Field Survey Summary Tables – Flax in Crop District 2B

Table 115. 2014/15 Flax in Crop District 2B in Southeastern Saskatchewan (18 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Wild buckwheat	73.3	24.2	33.0	2.7	3.7	15.6	41.0
2	Spiny annual sow-thistle	44.7	15.5	34.7	2.3	5.1	22.4	29.2
3	Canola/rapeseed	56.6	18.4	32.4	1.4	2.5	11.4	27.4
4	Green foxtail	45.3	13.4	29.6	1.7	3.8	11.4	24.8
5	Wild oats	28.9	10.3	35.6	1.3	4.4	12.4	17.8
6	Redroot pigweed	33.5	9.2	27.4	1.2	3.7	14.0	17.6
7	Canada thistle	45.3	8.1	17.9	0.7	1.5	4.0	15.1
8	Annual spurge species	37.3	7.5	20.0	0.7	1.9	8.8	13.9
9	Shepherd's-purse	29.1	8.3	28.5	0.6	2.2	4.6	12.9
10	Wheat	29.3	4.2	14.2	0.5	1.5	2.6	9.2
11	Round-leaved mallow	33.4	4.5	13.6	0.3	0.8	1.6	8.9
12	Stinkweed	28.6	3.4	11.8	0.3	1.0	3.6	7.7
13	False cleavers	16.7	4.1	24.4	0.5	2.9	8.0	7.7
14	Barnyard grass species	22.9	2.6	11.2	0.4	1.8	4.0	7.1
15	Kochia	22.0	2.7	12.3	0.3	1.5	3.6	6.6
16	Lamb's-quarters	16.9	3.3	19.7	0.3	1.5	3.6	5.8
17	Quack grass	5.3	2.9	55.0	0.6	10.4	10.4	5.8
18	Wild mustard	16.0	2.7	16.7	0.1	0.8	1.2	4.6
19	Dandelion	21.8	1.4	6.3	0.1	0.3	0.4	4.1
20	Narrow-leaved hawk's-beard	16.7	1.4	8.2	0.1	0.3	0.6	3.4
21	Black medick	12.0	1.8	15.0	0.1	0.8	0.8	3.3
22	Tumble pigweed	11.3	1.4	12.1	0.1	0.7	1.2	2.8
23	Annual sow-thistle	5.3	1.3	25.0	0.1	2.6	2.6	2.4
24	Flixweed	11.3	0.8	7.4	< 0.1	0.4	0.4	2.3
25	Night-flowering catchfly	5.8	0.6	10.0	0.2	3.2	3.2	2.2
26	Cow cockle	10.7	0.5	5.0	0.1	0.6	1.0	2.2
27	Scentless chamomile	5.3	1.1	20.0	0.1	1.6	1.6	1.9
28	Rough cinquefoil	6.0	0.9	15.0	0.1	1.0	1.0	1.7
29	Pale smartweed	6.0	0.6	10.0	0.1	1.4	1.4	1.7
30	Slough grass	5.3	0.5	10.0	< 0.1	0.4	0.4	1.2
31	Perennial sow-thistle	5.3	0.5	10.0	< 0.1	0.4	0.4	1.2
32	Annual brome species	5.3	0.3	5.0	< 0.1	0.8	0.8	1.1
33	Foxtail barley	5.3	0.3	5.0	< 0.1	0.6	0.6	1.1
34	Prostrate knotweed	6.0	0.3	5.0	< 0.1	0.2	0.2	1.1
35	Field pea	5.3	0.3	5.0	< 0.1	0.4	0.4	1.0
36	Goat's-beard	5.3	0.3	5.0	< 0.1	0.2	0.2	1.0
37	Biennial wormwood	5.3	0.3	5.0	< 0.1	0.2	0.2	1.0

Table 116. 2014/15 Lentil in Crop District 2B in Southeastern Saskatchewan (19 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Canola/rapeseed	58.2	26.7	45.8	2.9	5.1	14.0	53.4
2	Spiny annual sow-thistle	52.3	17.8	34.0	2.4	4.7	30.0	41.7
3	Wild mustard	36.6	13.9	37.9	2.1	5.6	30.6	32.9
4	Canada thistle	47.1	12.5	26.7	1.8	3.8	9.6	31.8
5	Wild buckwheat	37.3	8.5	22.7	0.6	1.6	4.4	18.3
6	Wild oats	41.8	6.8	16.3	0.7	1.6	3.6	18.2
7	Lamb's-quarters	42.5	8.1	19.2	0.5	1.1	3.4	18.0
8	Stinkweed	10.5	7.3	70.0	1.2	11.7	13.0	16.6
9	Round-leaved mallow	26.1	5.0	19.0	0.3	1.1	2.2	11.1
10	Perennial sow-thistle	15.7	4.2	26.7	0.3	1.9	2.8	8.5
11	Dandelion	21.6	2.9	13.5	0.1	0.7	2.2	7.5
12	Barnyard grass species	20.9	2.6	12.5	0.2	0.9	1.4	7.5
13	Dock species	15.7	3.4	21.7	0.2	1.2	1.4	7.1
14	Wheat	16.3	2.0	12.2	0.1	0.9	2.0	5.8
15	Annual spurge species	15.7	1.6	10.0	0.1	0.5	1.2	4.9
16	Narrow-leaved hawk's-beard	5.2	0.8	15.0	<0.1	0.6	0.6	1.9
17	Broad-leaved plantain	5.2	0.8	15.0	<0.1	0.6	0.6	1.9
18	Biennial wormwood	5.9	0.6	10.0	<0.1	0.4	0.4	1.8
19	Flax	5.2	0.5	10.0	<0.1	0.6	0.6	1.6
20	Kochia	5.2	0.5	10.0	<0.1	0.4	0.4	1.6
21	Sunflower species	5.2	0.5	10.0	<0.1	0.4	0.4	1.6
22	False cleavers	5.9	0.3	5.0	<0.1	0.2	0.2	1.5
23	Flixweed	5.2	0.3	5.0	<0.1	0.2	0.2	1.3
24	Green foxtail	5.2	0.3	5.0	<0.1	0.2	0.2	1.3
25	Prickly lettuce	5.2	0.3	5.0	<0.1	0.2	0.2	1.3
26	Annual sow-thistle	5.2	0.3	5.0	<0.1	0.2	0.2	1.3

Field Survey Summary Tables – Crop District 3AN

Table 117. 2014/15 Annual crops in Crop District 3AN in Southwestern Saskatchewan (70 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	49.7	23.7	47.7	25.6	51.5	646.6	77.6
2	Wild mustard	19.8	10.8	54.4	6.7	34.1	259.6	25.2
3	Wild oats	38.9	12.4	32.0	2.4	6.1	56.4	21.9
4	Wild buckwheat	47.2	11.0	23.4	1.0	2.2	21.6	19.9
5	Canola/rapeseed	25.4	8.4	33.2	4.0	15.9	193.2	19.4
6	Stinkweed	24.2	6.3	26.2	2.5	10.3	59.6	14.5
7	Lamb's-quarters	27.1	6.0	22.3	0.9	3.5	33.2	11.9
8	Narrow-leaved hawk's-beard	20.4	6.3	30.8	1.2	5.6	27.2	11.1
9	Canada thistle	26.1	5.4	20.6	0.7	2.8	14.0	10.8
10	Kochia	25.9	5.4	20.8	0.4	1.6	6.2	10.2
11	Spiny annual sow-thistle	13.1	4.9	37.4	1.3	9.5	38.4	8.8
12	Flax	10.0	4.1	41.1	1.7	17.1	78.4	8.5
13	Foxtail barley	14.5	2.6	17.8	0.2	1.1	2.8	5.2
14	Biennial wormwood	14.5	2.2	15.3	0.3	1.9	9.2	5.1
15	Russian thistle	14.0	2.0	13.9	0.2	1.1	4.4	4.6
16	Dandelion	11.5	2.4	20.6	0.2	2.2	8.2	4.6
17	Perennial sow-thistle	8.7	2.3	26.8	0.2	1.9	5.2	3.8
18	Redroot pigweed	8.5	2.1	25.1	0.2	2.1	4.2	3.7
19	Alfalfa	11.5	1.3	11.3	0.1	0.8	3.2	3.5
20	Wheat	8.7	1.5	17.5	0.2	1.8	6.4	3.2
21	Annual spurge species	8.7	1.2	13.2	0.1	0.7	2.0	2.8
22	Barnyard grass species	2.8	1.1	38.0	0.4	15.7	30.8	2.2
23	Yellow sweet-clover	4.2	1.3	31.9	0.1	3.1	8.8	2.1
24	Tumble pigweed	7.1	0.6	9.1	<0.1	0.4	1.0	2.0
25	Quack grass	1.4	0.3	20.0	0.6	42.4	42.4	1.6
26	Northem willowherb	5.8	0.4	7.4	<0.1	0.8	2.6	1.6
27	Round-leaved mallow	5.7	0.4	7.5	<0.1	0.5	1.0	1.5
28	Prickly lettuce	2.8	0.6	22.5	0.1	2.2	3.6	1.2
29	Annual brome species	1.4	0.8	60.0	0.1	6.6	6.6	1.1
30	Black medick	2.8	0.5	17.5	<0.1	1.0	1.8	1.0
31	Pale smartweed	2.8	0.2	7.5	<0.1	0.6	1.0	0.8
32	Prostrate knotweed	1.5	0.4	30.0	<0.1	1.8	1.8	0.7
33	Field pea	2.8	0.1	5.0	<0.1	0.2	0.2	0.7
34	Flixweed	2.8	0.1	5.0	<0.1	0.2	0.2	0.7
35	Rough hair grass	1.5	0.3	20.0	<0.1	3.2	3.2	0.6
36	Low cudweed	1.5	0.1	5.0	0.1	5.2	5.2	0.5
37	Goldenrod species	1.5	0.1	5.0	0.1	4.0	4.0	0.5
38	Cocklebur	1.4	0.2	15.0	<0.1	0.8	0.8	0.5
39	Purslane	1.5	0.1	10.0	<0.1	0.6	0.6	0.4
40	Sunflower species	1.5	0.1	10.0	<0.1	0.6	0.6	0.4
41	Pasture sage	1.4	0.1	10.0	<0.1	0.6	0.6	0.4
42	Skeletonweed	1.4	0.1	10.0	<0.1	0.4	0.4	0.4
43	Canada fleabane	1.5	0.1	5.0	<0.1	0.2	0.2	0.4
44	Cow cockle	1.4	0.1	5.0	<0.1	0.2	0.2	0.3
45	Persian damel	1.4	0.1	5.0	<0.1	0.2	0.2	0.3
46	Prostrate pigweed	1.4	0.1	5.0	<0.1	0.2	0.2	0.3
47	Lentil	1.4	0.1	5.0	<0.1	0.2	0.2	0.3
48	Dock species	1.4	0.1	5.0	<0.1	0.2	0.2	0.3
49	Meadow brome	1.4	0.1	5.0	<0.1	0.2	0.2	0.3
50	Common pepper-grass	1.4	0.1	5.0	<0.1	0.2	0.2	0.3

Field Survey Summary Tables – Spring wheat in Crop District 3AN

Table 118. 2014/15 Spring wheat in Crop District 3AN in Southwestern Saskatchewan (11 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	72.1	44.3	61.5	109.4	151.8	646.6	117.2
2	Wild buckwheat	44.7	15.6	35.0	1.8	3.9	15.6	17.3
3	Spiny annual sow-thistle	28.0	16.0	57.3	4.4	15.6	38.4	16.8
4	Wild oats	45.8	12.7	27.6	1.2	2.6	8.6	15.4
5	Lamb's-quarters	36.3	12.2	33.6	3.3	9.1	33.2	15.2
6	Wild mustard	17.9	10.7	60.0	3.8	21.0	37.0	11.7
7	Canada thistle	36.9	8.7	23.6	0.9	2.4	4.6	11.5
8	Dandelion	36.3	5.4	14.9	0.4	1.1	2.8	9.2
9	Narrow-leaved hawk's-beard	19.0	9.0	47.5	1.1	5.9	7.6	9.0
10	Tumble pigweed	36.3	3.7	10.2	0.2	0.5	1.0	8.0
11	Redroot pigweed	26.8	4.5	16.7	0.3	1.1	2.4	7.0
12	Biennial wormwood	19.0	5.2	27.5	0.9	4.8	9.2	6.7
13	Stinkweed	8.9	5.4	60.0	2.6	28.6	28.6	6.3
14	Yellow sweet-clover	8.9	7.6	85.0	0.8	8.8	8.8	6.3
15	Foxtail barley	18.4	3.8	20.5	0.2	1.1	2.0	5.2
16	Quack grass	8.9	1.8	20.0	3.8	42.4	42.4	5.2
17	Alfalfa	27.4	1.4	5.0	0.1	0.3	0.4	5.2
18	Kochia	26.8	1.3	5.0	0.1	0.3	0.4	5.1
19	Perennial sow-thistle	18.4	2.3	12.6	0.1	0.5	0.6	4.3
20	Round-leaved mallow	17.9	0.9	5.0	0.1	0.4	0.6	3.4
21	Flax	17.9	0.9	5.0	<0.1	0.2	0.2	3.4
22	Low cudweed	9.5	0.5	5.0	0.5	5.2	5.2	2.1
23	Cow cockle	8.9	0.4	5.0	<0.1	0.2	0.2	1.7
24	Persian damel	8.9	0.4	5.0	<0.1	0.2	0.2	1.7
25	Russian thistle	8.9	0.4	5.0	<0.1	0.2	0.2	1.7
26	Lentil	8.9	0.4	5.0	<0.1	0.2	0.2	1.7
27	Canola/rapeseed	8.9	0.4	5.0	<0.1	0.2	0.2	1.7

Field Survey Summary Tables – Durum in Crop District 3AN

Table 119. 2014/15 Durum in Crop District 3AN in Southwestern Saskatchewan (26 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	53.3	24.3	45.5	10.9	20.5	92.6	66.4
2	Stinkweed	27.1	10.3	37.8	5.3	19.4	59.6	31.1
3	Wild mustard	23.4	12.4	52.9	4.9	21.0	54.8	31.0
4	Wild buckwheat	50.6	10.3	20.4	0.7	1.4	6.4	22.6
5	Wild oats	31.5	10.5	33.4	1.3	4.1	15.2	20.1
6	Flax	8.1	6.6	82.5	3.5	43.4	78.4	18.2
7	Canola/rapeseed	26.5	6.2	23.5	1.9	7.3	40.2	17.3
8	Canada thistle	19.9	5.1	25.8	0.9	4.7	14.0	11.8
9	Kochia	23.2	6.0	25.8	0.4	1.8	6.2	11.6
10	Narrow-leaved hawk's-beard	19.6	3.9	19.8	0.5	2.5	9.4	9.3
11	Dandelion	15.7	4.1	26.1	0.5	3.2	8.2	8.6
12	Lamb's-quarters	15.3	3.8	24.8	0.3	2.2	8.2	7.7
13	Foxtail barley	15.6	3.4	21.6	0.2	1.3	2.8	7.1
14	Perennial sow-thistle	11.8	3.4	28.7	0.3	2.4	5.2	6.5
15	Alfalfa	11.6	1.9	16.6	0.2	1.6	3.2	4.9
16	Russian thistle	11.3	0.6	5.0	<0.1	0.3	0.4	3.2
17	Spiny annual sow-thistle	8.0	0.8	10.3	0.1	1.7	3.0	3.0
18	Round-leaved mallow	7.8	0.8	9.8	<0.1	0.6	1.0	2.6
19	Redroot pigweed	4.0	1.4	35.0	0.1	1.8	1.8	2.3
20	Biennial wormwood	7.6	0.6	7.5	<0.1	0.4	0.4	2.3
21	Field pea	7.6	0.4	5.0	<0.1	0.2	0.2	2.1
22	Goldenrod species	4.0	0.2	5.0	0.2	4.0	4.0	1.6
23	Purslane	4.0	0.4	10.0	<0.1	0.6	0.6	1.3
24	Annual spurge species	4.0	0.2	5.0	<0.1	0.2	0.2	1.1
25	Flixweed	3.8	0.2	5.0	<0.1	0.2	0.2	1.1
26	Black medick	3.8	0.2	5.0	<0.1	0.2	0.2	1.1
27	Yellow sweet-clover	3.8	0.2	5.0	<0.1	0.2	0.2	1.1
28	Dock species	3.8	0.2	5.0	<0.1	0.2	0.2	1.1
29	Meadow brome	3.8	0.2	5.0	<0.1	0.2	0.2	1.1
30	Barnyard grass species	3.7	0.2	5.0	<0.1	0.2	0.2	1.0

Table 120. 2014/15 Canola in Crop District 3AN in Southwestern Saskatchewan (10 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	50.3	23.1	45.9	6.9	13.7	28.8	57.0
2	Wild buckwheat	59.4	17.2	29.0	2.5	4.3	21.6	36.5
3	Spiny annual sow-thistle	20.0	10.9	54.5	3.4	16.9	31.8	26.7
4	Wild oats	19.4	11.6	60.0	2.5	12.7	17.6	23.3
5	Kochia	49.7	9.8	19.7	0.8	1.6	3.6	21.4
6	Barnyard grass species	9.7	6.8	70.0	3.0	30.8	30.8	19.6
7	Canola/rapeseed	39.4	7.3	18.6	1.0	2.6	7.4	18.2
8	Lamb's-quarters	30.3	5.9	19.4	0.9	2.8	7.6	14.5
9	Wheat	20.0	4.6	23.1	0.7	3.4	6.4	10.6
10	Stinkweed	20.0	4.4	22.1	0.5	2.4	4.6	9.7
11	Annual brome species	9.7	5.8	60.0	0.6	6.6	6.6	9.2
12	Canada thistle	29.7	2.0	6.7	0.2	0.6	1.0	8.6
13	Redroot pigweed	9.7	5.3	55.0	0.4	4.2	4.2	7.9
14	Prickly lettuce	9.7	2.9	30.0	0.3	3.6	3.6	5.8
15	Northern willowherb	9.7	1.5	15.0	0.3	2.6	2.6	4.2
16	Russian thistle	9.7	1.9	20.0	0.1	1.2	1.2	4.0
17	Alfalfa	10.3	1.5	15.0	0.1	0.6	0.6	3.6
18	Pale smartweed	9.7	1.0	10.0	0.1	1.0	1.0	3.2
19	Narrow-leaved hawk's-beard	9.7	1.0	10.0	< 0.1	0.4	0.4	3.0
20	Flax	9.7	1.0	10.0	< 0.1	0.4	0.4	3.0
21	Foxtail barley	9.7	0.5	5.0	< 0.1	0.2	0.2	2.5
22	Prostrate pigweed	9.7	0.5	5.0	< 0.1	0.2	0.2	2.5
23	Tumble pigweed	9.7	0.5	5.0	< 0.1	0.2	0.2	2.5
24	Biennial wormwood	9.7	0.5	5.0	< 0.1	0.2	0.2	2.5

Field Survey Summary Tables – Lentil in Crop District 3AN

Table 121. 2014/15 Lentil in Crop District 3AN in Southwestern Saskatchewan (11 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Canola/rapeseed	45.1	30.2	67.0	20.4	45.2	193.2	81.8
2	Wild oats	64.2	22.6	35.3	8.1	12.5	56.4	48.9
3	Narrow-leaved hawk's-beard	27.6	18.8	68.2	4.5	16.3	27.2	30.3
4	Green foxtail	36.0	9.0	25.0	1.5	4.3	13.4	17.3
5	Wild mustard	26.8	10.8	40.3	1.3	4.8	12.0	16.2
6	Wild buckwheat	45.1	5.4	12.0	0.3	0.6	1.2	13.1
7	Lamb's-quarters	45.6	4.1	9.0	0.5	1.0	2.2	12.8
8	Stinkweed	36.6	4.6	12.5	0.3	0.7	1.4	11.0
9	Canada thistle	18.0	4.1	22.5	0.7	4.0	6.8	8.2
10	Biennial wormwood	18.6	3.3	17.9	0.4	2.3	4.2	7.0
11	Spiny annual sow-thistle	18.3	3.2	17.6	0.1	0.8	1.0	6.2
12	Perennial sow-thistle	9.0	4.5	50.0	0.3	3.0	3.0	5.7
13	Wheat	18.6	1.8	9.8	0.1	0.8	1.4	5.2
14	Northern willowherb	18.6	0.9	5.0	<0.1	0.2	0.2	4.3
15	Black medick	9.0	2.7	30.0	0.2	1.8	1.8	4.1
16	Kochia	9.0	2.3	25.0	0.3	2.8	2.8	4.0
17	Rough hair grass	9.6	1.9	20.0	0.3	3.2	3.2	4.0
18	Redroot pigweed	9.0	0.9	10.0	0.3	3.6	3.6	3.2
19	Flax	9.6	1.4	15.0	0.1	0.8	0.8	3.1
20	Prickly lettuce	9.0	1.4	15.0	0.1	0.8	0.8	2.9
21	Foxtail barley	9.0	0.9	10.0	0.1	1.0	1.0	2.6
22	Annual spurge species	9.0	0.5	5.0	<0.1	0.4	0.4	2.1
23	Pale smartweed	9.0	0.5	5.0	<0.1	0.2	0.2	2.1
24	Russian thistle	9.0	0.5	5.0	<0.1	0.2	0.2	2.1
25	Yellow sweet-clover	8.8	0.4	5.0	<0.1	0.2	0.2	2.0

Table 122. 2014/15 Annual crops in Crop District 3ASE in Southeastern Saskatchewan (34 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	48.1	25.3	52.6	24.4	50.7	269.2	86.0
2	Wild oats	27.4	11.3	41.3	4.1	14.9	48.2	23.8
3	Wild buckwheat	29.1	14.0	48.2	2.4	8.4	30.0	22.3
4	Lamb's-quarters	33.5	12.1	36.1	2.7	7.9	52.2	22.3
5	Kochia	42.6	9.1	21.5	0.8	2.0	16.0	17.8
6	Round-leaved mallow	21.3	8.5	39.7	1.5	6.9	18.8	14.3
7	Russian thistle	20.7	6.8	33.0	1.4	7.0	24.4	12.8
8	Canola/rapeseed	26.8	6.6	24.5	0.7	2.7	11.4	12.3
9	Annual spurge species	29.1	3.5	12.0	0.3	0.9	3.6	9.4
10	Redroot pigweed	24.5	4.5	18.4	0.3	1.4	5.4	9.4
11	Cow cockle	9.9	4.4	44.4	0.8	8.6	21.8	7.4
12	Flax	10.8	2.6	24.5	0.8	7.5	32.6	6.1
13	Barnyard grass species	10.0	3.9	38.9	0.5	4.7	12.6	6.1
14	Stinkweed	16.0	2.8	17.5	0.2	1.1	2.8	5.9
15	Tumble pigweed	9.3	2.1	22.5	0.1	1.6	2.6	3.9
16	Persian damel	9.9	1.8	17.8	0.1	1.2	3.2	3.7
17	Canada thistle	12.2	1.2	10.0	0.1	0.6	1.0	3.7
18	Wild mustard	6.1	2.6	41.9	0.2	2.6	2.8	3.6
19	Proso millet	2.3	2.0	85.0	0.7	28.6	28.6	3.5
20	Shepherd's-purse	9.9	0.9	9.3	<0.1	0.4	0.6	2.9
21	Wheat	7.0	1.4	20.0	0.1	1.9	3.4	2.8
22	Dock species	2.3	1.4	60.0	0.3	12.8	12.8	2.2
23	Spiny annual sow-thistle	8.4	0.4	5.0	<0.1	0.3	0.6	2.2
24	Flixweed	7.6	0.4	5.0	<0.1	0.3	0.4	1.9
25	Field pea	7.6	0.4	5.0	<0.1	0.2	0.2	1.9
26	Prostrate pigweed	6.7	0.3	5.0	<0.1	0.4	0.6	1.7
27	Prostrate knotweed	3.8	0.8	20.0	<0.1	1.0	1.0	1.5
28	Black medick	3.8	0.6	15.0	<0.1	1.0	1.0	1.3
29	Yellow sweet-clover	2.3	0.9	40.0	<0.1	1.8	1.8	1.3
30	Corn gromwell	3.8	0.4	10.0	<0.1	0.8	0.8	1.2
31	Alfalfa	3.8	0.4	10.0	<0.1	0.4	0.4	1.1
32	Common pepper-grass	3.8	0.2	5.0	<0.1	0.2	0.2	1.0
33	Lentil	3.8	0.2	5.0	<0.1	0.2	0.2	1.0
34	Narrow-leaved hawk's-beard	2.3	0.1	5.0	<0.1	0.2	0.2	0.6
35	Purslane	2.3	0.1	5.0	<0.1	0.2	0.2	0.6
36	Pale smartweed	2.3	0.1	5.0	<0.1	0.2	0.2	0.6

Field Survey Summary Tables – Durum in Crop District 3ASE

Table 123. 2014/15 Durum in Crop District 3ASE in Southeastern Saskatchewan (11 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	82.9	37.9	45.7	26.4	31.9	202.8	92.3
2	Wild oats	38.2	20.9	54.8	9.9	26.0	48.2	40.3
3	Wild buckwheat	34.2	13.6	39.9	1.5	4.4	6.8	18.0
4	Russian thistle	27.6	8.7	31.6	2.8	10.1	24.4	16.3
5	Cow cockle	10.6	10.6	100.0	2.3	21.8	21.8	13.3
6	Annual spurge species	44.7	6.0	13.4	0.4	1.0	2.0	12.9
7	Kochia	48.8	5.1	10.4	0.3	0.6	1.4	12.8
8	Canola/rapeseed	23.6	7.6	32.1	1.4	6.0	11.4	12.0
9	Flax	17.1	6.7	39.3	2.2	12.8	32.6	11.8
10	Lamb's-quarters	27.6	8.1	29.3	0.5	1.7	2.8	11.2
11	Redroot pigweed	23.6	6.1	25.7	0.5	2.0	5.4	9.2
12	Persian damel	27.6	4.9	17.8	0.3	1.2	3.2	8.9
13	Round-leaved mallow	10.6	5.3	50.0	0.9	8.4	8.4	7.1
14	Stinkweed	10.6	4.8	45.0	0.3	2.8	2.8	5.6
15	Canada thistle	21.1	2.1	10.0	0.1	0.7	1.0	5.5
16	Flixweed	21.1	1.1	5.0	0.1	0.3	0.4	4.7
17	Prostrate knotweed	10.6	2.1	20.0	0.1	1.0	1.0	3.5
18	Prostrate pigweed	10.6	0.5	5.0	0.1	0.6	0.6	2.4
19	Common pepper-grass	10.6	0.5	5.0	< 0.1	0.2	0.2	2.3
20	Shepherd's-purse	10.6	0.5	5.0	< 0.1	0.2	0.2	2.3
21	Lentil	10.6	0.5	5.0	< 0.1	0.2	0.2	2.3
22	Field pea	10.6	0.5	5.0	< 0.1	0.2	0.2	2.3
23	Spiny annual sow-thistle	6.5	0.3	5.0	< 0.1	0.6	0.6	1.5
24	Barnyard grass species	6.5	0.3	5.0	< 0.1	0.2	0.2	1.4

Table 124. 2014/15 Annual crops in Crop District 3ASW in Southwestern Saskatchewan (99 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	40.6	25.3	62.3	13.6	33.5	215.0	65.9
2	Stinkweed	25.0	11.2	44.9	6.8	27.4	216.0	33.1
3	Wild oats	32.5	11.4	35.2	2.7	8.2	69.2	23.7
4	Wild buckwheat	35.5	12.8	36.1	1.6	4.4	36.4	22.5
5	Lamb's-quarters	22.8	9.9	43.4	2.7	11.8	103.6	20.3
6	Kochia	32.8	7.8	23.6	0.9	2.6	16.4	16.0
7	Wild mustard	17.5	6.1	34.6	1.9	10.7	107.2	13.9
8	Russian thistle	17.7	7.0	39.4	1.2	7.0	47.2	12.9
9	Narrow-leaved hawk's-beard	10.7	2.1	19.5	1.1	10.3	87.8	7.2
10	Canada thistle	13.3	3.3	25.0	0.5	3.8	22.0	7.0
11	Flax	6.4	3.3	51.7	1.0	15.5	42.4	6.7
12	Redroot pigweed	11.9	2.7	22.8	0.3	2.3	9.4	5.7
13	Wheat	10.8	3.1	28.5	0.2	2.1	7.2	5.5
14	Canola/rapeseed	10.6	2.5	23.2	0.3	2.6	12.8	5.1
15	Tumble pigweed	11.7	1.9	15.9	0.1	0.9	4.0	4.5
16	Cow cockle	8.0	2.3	28.5	0.2	3.1	15.6	4.3
17	Dandelion	7.1	2.2	31.1	0.2	2.5	7.6	3.8
18	Foxtail barley	11.0	0.8	7.6	0.1	0.5	2.6	3.4
19	Annual brome species	7.0	1.6	22.6	0.1	2.1	9.2	3.3
20	Round-leaved mallow	9.2	1.0	10.8	0.1	0.7	2.0	3.1
21	Persian damel	6.2	1.6	26.8	0.1	1.8	5.8	3.0
22	Prostrate knotweed	5.1	1.4	28.2	0.1	2.2	3.2	2.6
23	Barnyard grass species	5.8	0.8	14.2	0.2	3.5	16.4	2.6
24	Alfalfa	6.2	1.1	18.2	0.1	0.9	2.8	2.5
25	Annual spurge species	7.0	0.8	11.3	<0.1	0.5	1.0	2.4
26	Bluebur	2.0	1.0	52.1	0.2	7.8	14.6	1.7
27	Flixweed	3.9	0.7	17.2	<0.1	0.9	2.4	1.5
28	Prickly lettuce	4.9	0.2	5.0	<0.1	0.2	0.2	1.4
29	Prostrate pigweed	3.1	0.4	11.9	<0.1	0.7	0.8	1.1
30	Canada fleabane	2.0	0.6	30.7	<0.1	2.0	3.2	1.1
31	Goat's-beard	3.2	0.3	10.2	<0.1	0.5	1.0	1.0
32	Spiny annual sow-thistle	1.0	0.5	55.0	0.1	11.4	11.4	0.9
33	Skeleton weed	2.1	0.4	18.4	<0.1	1.0	1.6	0.8
34	Dock species	3.0	0.1	5.0	<0.1	0.2	0.2	0.8
35	Lentil	1.9	0.3	17.5	<0.1	1.0	1.8	0.8
36	Biennial wormwood	2.2	0.2	10.0	<0.1	0.6	1.0	0.7
37	Cocklebur	1.0	0.5	50.0	<0.1	3.0	3.0	0.7
38	Perennial sow-thistle	2.1	0.1	5.0	<0.1	0.4	0.6	0.6
39	Black medick	1.9	0.1	7.5	<0.1	0.4	0.4	0.6
40	Common pepper-grass	2.0	0.1	5.0	<0.1	0.2	0.2	0.6
41	False ragweed	2.0	0.1	5.0	<0.1	0.2	0.2	0.6
42	Dog mustard	1.1	0.3	25.0	<0.1	1.6	1.6	0.5
43	Shepherd's-purse	1.0	0.2	20.0	<0.1	4.8	4.8	0.5
44	Milk-vetch species	1.1	0.2	15.0	<0.1	0.8	0.8	0.4
45	Meadow brome	1.1	0.2	15.0	<0.1	0.6	0.6	0.4
46	Rose species	1.1	0.1	10.0	<0.1	0.4	0.4	0.3
47	Wild tomato	1.1	0.1	10.0	<0.1	0.4	0.4	0.3
48	Blue lettuce	1.0	0.1	10.0	<0.1	1.2	1.2	0.3
49	Annual sow-thistle	1.1	0.1	5.0	<0.1	0.2	0.2	0.3
50	Siberian elm	1.1	0.1	5.0	<0.1	0.2	0.2	0.3
51	Sunflower species	1.1	0.1	5.0	<0.1	0.2	0.2	0.3
52	Scentless chamomile	1.0	<0.1	5.0	<0.1	0.2	0.2	0.3

(Table continued on next page)

Field Survey Summary Tables – Crop District 3ASW

Table 124. 2014/15 Annual crops in Crop District 3ASW in South western Saskatchewan (99 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Goldenrod species	1.0	< 0.1	5.0	< 0.1	0.2	0.2	0.3

Field Survey Summary Tables – Spring wheat in Crop District 3ASW

Table 125. 2014/15 Spring wheat in Crop District 3ASW in Southwestern Saskatchewan (18 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	56.5	46.4	82.2	22.6	40.0	117.2	75.2
2	Lamb's-quarters	33.3	24.4	73.4	9.7	29.2	103.6	36.5
3	Wild oats	49.4	17.9	36.3	4.9	10.0	69.2	28.1
4	Wild buckwheat	44.0	23.6	53.5	3.8	8.6	36.4	27.7
5	Wild mustard	39.3	17.5	44.6	3.8	9.6	49.8	23.7
6	Stinkweed	27.6	14.0	50.9	3.8	13.8	47.2	19.6
7	Kochia	17.0	8.7	51.4	1.5	8.9	16.4	10.6
8	Russian thistle	17.1	8.9	51.7	1.3	7.3	15.4	10.2
9	Cow cockle	21.9	7.6	34.8	1.0	4.7	15.6	10.2
10	Redroot pigweed	22.4	7.2	32.0	0.8	3.6	9.4	9.7
11	Prostrate knotweed	16.1	4.0	24.7	0.3	2.1	3.2	6.0
12	Narrow-leaved hawk's-beard	10.9	2.5	22.8	0.9	8.5	15.8	5.2
13	Round-leaved mallow	16.6	1.4	8.4	0.1	0.3	0.6	4.3
14	Canada thistle	11.7	3.0	25.4	0.1	1.2	2.0	4.2
15	Foxtail barley	16.6	1.1	6.6	<0.1	0.3	0.4	4.1
16	Annual brome species	5.2	3.4	65.0	0.5	9.2	9.2	3.6
17	Tumble pigweed	10.9	2.2	19.8	0.1	1.1	1.4	3.6
18	Persian damel	10.9	1.6	14.5	0.1	0.7	1.2	3.2
19	Canada fleabane	5.7	2.6	45.0	0.2	3.2	3.2	2.8
20	Skeletonweed	6.0	1.8	30.0	0.1	1.6	1.6	2.3
21	Wheat	5.7	1.1	20.0	0.1	1.8	1.8	2.0
22	Dandelion	5.2	0.8	15.0	<0.1	0.6	0.6	1.5
23	Alfalfa	5.7	0.6	10.0	<0.1	0.4	0.4	1.5
24	Black medick	5.2	0.5	10.0	<0.1	0.4	0.4	1.4
25	Dock species	5.7	0.3	5.0	<0.1	0.2	0.2	1.4
26	Goat's-beard	5.2	0.3	5.0	<0.1	0.2	0.2	1.3

Field Survey Summary Tables – Durum in Crop District 3ASW

Table 126. 2014/15 Durum in Crop District 3ASW in Southwestern Saskatchewan (38 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	46.1	31.8	69.0	14.9	32.3	119.0	92.9
2	Wild buckwheat	45.0	12.5	27.8	1.5	3.4	29.6	27.4
3	Flax	11.1	7.8	69.7	2.5	22.7	42.4	18.5
4	Kochia	32.5	8.1	25.0	0.8	2.5	9.4	18.0
5	Russian thistle	19.6	7.7	39.5	1.1	5.6	21.4	15.4
6	Wild oats	21.1	8.0	38.2	0.8	3.9	10.2	15.0
7	Canada thistle	16.1	5.7	35.3	1.0	6.4	22.0	12.6
8	Stinkweed	15.7	4.6	29.5	0.9	6.0	18.2	11.3
9	Lamb's-quarters	19.1	5.2	27.3	0.5	2.5	7.4	11.0
10	Dandelion	13.3	4.5	33.4	0.4	3.0	7.6	8.6
11	Wild mustard	11.0	3.9	35.7	0.4	3.3	9.6	7.4
12	Canola/rapeseed	10.0	3.1	31.3	0.5	4.7	12.8	6.9
13	Annual spurge species	15.8	1.8	11.5	0.1	0.6	1.0	5.9
14	Annual brome species	13.2	2.1	16.1	0.1	1.0	1.6	5.7
15	Narrow-leaved hawk's-beard	10.2	2.5	24.5	0.2	2.2	5.4	5.5
16	Foxtail barley	15.4	1.1	7.4	0.1	0.4	1.0	5.2
17	Persian damel	8.3	2.1	25.9	0.2	2.2	5.8	4.5
18	Prostrate pigweed	7.9	0.9	11.9	0.1	0.7	0.8	3.0
19	Tumble pigweed	5.0	1.5	30.0	0.1	2.1	4.0	2.9
20	Spiny annual sow-thistle	2.5	1.4	55.0	0.3	11.4	11.4	2.8
21	Redroot pigweed	5.0	0.9	17.5	0.1	1.4	2.4	2.3
22	Cow cockle	2.5	1.4	55.0	0.1	4.0	4.0	2.1
23	Alfalfa	2.7	1.4	50.0	0.1	2.8	2.8	2.1
24	Flixweed	2.5	0.9	35.0	0.1	2.4	2.4	1.6
25	Dog mustard	2.9	0.7	25.0	< 0.1	1.6	1.6	1.5
26	Goat's-beard	2.9	0.6	20.0	< 0.1	1.0	1.0	1.3
27	Prostrate knotweed	2.6	0.5	20.0	< 0.1	1.8	1.8	1.3
28	Milk-vetch species	2.9	0.4	15.0	< 0.1	0.8	0.8	1.2
29	Meadow brome	2.9	0.4	15.0	< 0.1	0.6	0.6	1.2
30	Wild tomato	2.7	0.3	10.0	< 0.1	0.4	0.4	1.0
31	Biennial wormwood	2.9	0.1	5.0	< 0.1	0.2	0.2	0.9
32	Siberian elm	2.7	0.1	5.0	< 0.1	0.2	0.2	0.8
33	Scentless chamomile	2.5	0.1	5.0	< 0.1	0.2	0.2	0.8
34	Round-leaved mallow	2.5	0.1	5.0	< 0.1	0.2	0.2	0.8
35	False ragweed	2.5	0.1	5.0	< 0.1	0.2	0.2	0.8

Table 127. 2014/15 Canola in Crop District 3ASW in Southwestern Saskatchewan (11 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Stinkweed	34.8	26.1	75.0	41.5	119.5	216.0	130.3
2	Lamb's-quarters	37.5	6.6	17.5	0.5	1.3	3.0	19.8
3	Green foxtail	26.9	6.6	24.7	1.4	5.3	15.4	18.8
4	Redroot pigweed	27.4	6.3	22.8	0.8	2.8	6.6	17.2
5	Wild buckwheat	17.4	8.7	50.0	0.6	3.4	5.6	16.9
6	Kochia	36.1	3.1	8.6	0.3	0.7	2.2	14.7
7	Tumble pigweed	34.8	3.0	8.8	0.2	0.6	1.0	14.1
8	Wild oats	27.4	2.3	8.4	0.1	0.5	0.8	11.0
9	Round-leaved mallow	18.7	3.8	20.4	0.3	1.7	2.0	10.7
10	Lentil	17.4	3.0	17.5	0.2	1.0	1.8	9.1
11	Canada thistle	8.7	2.6	30.0	0.2	2.8	2.8	6.2
12	Russian thistle	8.7	2.6	30.0	0.1	1.4	1.4	5.9
13	Shepherd's-purse	8.7	1.7	20.0	0.4	4.8	4.8	5.5
14	Flax	9.5	1.9	20.0	0.1	1.0	1.0	5.3
15	Wheat	8.7	1.3	15.0	0.1	1.0	1.0	4.3
16	Flixweed	8.7	1.3	15.0	0.1	0.6	0.6	4.2
17	Narrow-leaved hawk's-beard	8.7	0.4	5.0	< 0.1	0.2	0.2	3.1
18	Prickly lettuce	8.7	0.4	5.0	< 0.1	0.2	0.2	3.1

Field Survey Summary Tables – Pea in Crop District 3ASW

Table 128. 2014/15 Pea in Crop District 3ASW in Southwestern Saskatchewan (12 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Narrow-leaved hawk's-beard	31.6	5.1	16.3	7.0	22.1	87.8	46.4
2	Stinkweed	23.7	9.1	38.3	3.8	15.9	46.2	32.5
3	Kochia	51.1	13.2	25.9	1.5	2.9	8.0	30.9
4	Wheat	40.2	14.9	37.0	1.2	2.9	7.2	28.5
5	Wild oats	34.1	11.7	34.2	1.4	4.0	9.6	25.2
6	Wild buckwheat	24.9	11.0	44.0	0.9	3.6	9.0	20.2
7	Barnyard grass species	24.4	2.9	11.8	1.4	5.6	16.4	14.7
8	Green foxtail	17.8	4.8	27.2	0.7	4.0	7.2	11.9
9	Canola/rapeseed	23.7	3.9	16.7	0.4	1.9	5.0	10.9
10	Canada thistle	24.4	1.6	6.6	0.3	1.4	3.6	8.3
11	Persian damel	7.9	4.3	55.0	0.3	3.2	3.2	7.1
12	Russian thistle	17.0	1.2	7.3	0.1	0.5	0.8	5.1
13	Dandelion	7.9	2.8	35.0	0.1	1.6	1.6	4.9
14	Alfalfa	7.9	2.4	30.0	0.1	1.6	1.6	4.6
15	Redroot pigweed	7.9	2.0	25.0	0.1	1.2	1.2	4.0
16	Foxtail barley	7.9	1.2	15.0	0.2	2.6	2.6	3.8
17	Biennial wormwood	9.1	1.4	15.0	0.1	1.0	1.0	3.7
18	Tumble pigweed	7.9	1.6	20.0	0.1	0.8	0.8	3.5
19	Canada fleabane	7.9	1.2	15.0	< 0.1	0.6	0.6	3.0
20	Flixweed	7.9	1.2	15.0	< 0.1	0.6	0.6	3.0
21	Blue lettuce	7.9	0.8	10.0	0.1	1.2	1.2	2.9
22	Lamb's-quarters	7.9	0.8	10.0	< 0.1	0.4	0.4	2.6
23	Wild mustard	7.9	0.8	10.0	< 0.1	0.4	0.4	2.6
24	Goat's-beard	9.1	0.5	5.0	< 0.1	0.2	0.2	2.4
25	Annual sow-thistle	9.1	0.5	5.0	< 0.1	0.2	0.2	2.4
26	Round-leaved mallow	7.9	0.4	5.0	< 0.1	0.6	0.6	2.3
27	Bluebur	7.9	0.4	5.0	< 0.1	0.4	0.4	2.2
28	Cow cockle	7.9	0.4	5.0	< 0.1	0.2	0.2	2.1
29	Prickly lettuce	7.9	0.4	5.0	< 0.1	0.2	0.2	2.1
30	Skeletonweed	7.9	0.4	5.0	< 0.1	0.2	0.2	2.1
31	Perennial sow-thistle	7.9	0.4	5.0	< 0.1	0.2	0.2	2.1
32	Goldenrod species	7.9	0.4	5.0	< 0.1	0.2	0.2	2.1

Table 129. 2014/15 Annual crops in Crop District 3BS in Southwestern Saskatchewan (68 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Stinkweed	43.8	11.3	25.9	2.5	5.7	47.2	44.5
2	Green foxtail	20.6	7.7	37.5	1.8	8.8	35.0	29.2
3	Wild oats	35.6	9.3	26.3	1.0	2.9	13.0	28.3
4	Kochia	37.8	8.2	21.6	0.7	1.8	8.6	24.5
5	Wild buckwheat	37.0	7.7	20.8	0.6	1.8	10.6	23.4
6	Barnyard grass species	4.5	2.7	60.3	2.1	48.0	129.4	21.9
7	Lamb's-quarters	22.4	5.2	23.3	0.4	1.9	14.6	15.2
8	Russian thistle	19.1	3.8	20.1	0.6	3.4	31.8	14.5
9	Canola/rapeseed	11.8	3.1	26.2	0.4	3.6	21.4	10.1
10	Tumble pigweed	16.1	1.7	10.3	0.1	0.7	2.0	6.7
11	Foxtail barley	9.0	1.8	19.6	0.3	2.9	12.2	6.5
12	Canada thistle	16.5	1.3	8.2	0.1	0.6	1.0	6.3
13	Redroot pigweed	10.3	1.7	16.5	0.1	1.1	4.4	5.5
14	Annual brome species	9.1	1.2	13.6	0.2	2.2	8.4	5.3
15	Annual spurge species	7.4	1.8	24.0	0.1	2.0	7.8	5.1
16	Dandelion	10.7	1.3	12.1	0.1	0.6	1.0	4.6
17	Canada fleabane	5.8	1.3	21.7	0.1	1.7	4.2	3.7
18	Narrow-leaved hawk's-beard	9.1	0.8	8.3	0.1	0.6	1.4	3.5
19	Alfalfa	4.2	1.3	31.3	0.1	2.5	6.6	3.5
20	Wheat	8.8	0.7	8.4	< 0.1	0.6	1.2	3.4
21	Flixweed	8.8	0.6	7.3	< 0.1	0.4	0.6	3.1
22	Spiny annual sow-thistle	4.5	1.1	25.0	0.1	1.8	2.2	3.1
23	Prostrate knotweed	7.5	0.4	6.0	< 0.1	0.2	0.4	2.5
24	Biennial wormwood	4.0	0.8	19.8	< 0.1	1.2	3.0	2.3
25	Dock species	4.5	0.5	11.7	< 0.1	0.5	1.0	1.9
26	Round-leaved mallow	3.1	0.5	17.6	0.1	1.8	2.2	1.9
27	Prickly lettuce	2.7	0.6	23.8	< 0.1	1.5	2.4	1.8
28	Wild mustard	3.0	0.5	15.1	< 0.1	1.0	1.6	1.5
29	Perennial sow-thistle	3.1	0.4	12.2	< 0.1	0.7	1.2	1.4
30	Sunflower species	1.5	0.5	35.0	< 0.1	3.0	3.0	1.3
31	Crested wheat grass	2.7	0.4	15.8	< 0.1	0.7	1.2	1.3
32	Lentil	4.2	0.2	5.0	< 0.1	0.2	0.2	1.3
33	Black medick	3.0	0.2	7.5	< 0.1	0.4	0.4	1.1
34	Tumble mustard	2.7	0.2	7.7	< 0.1	0.3	0.4	1.0
35	Goat's-beard	2.5	0.2	7.5	< 0.1	0.3	0.4	0.9
36	Field pea	1.5	0.2	15.0	< 0.1	1.2	1.2	0.8
37	Chickweed	1.5	0.2	15.0	< 0.1	0.6	0.6	0.7
38	Scentless chamomile	1.6	0.2	10.0	< 0.1	0.6	0.6	0.7
39	Barley	1.5	0.2	10.0	< 0.1	0.4	0.4	0.6
40	Shepherd's-purse	1.5	0.1	10.0	< 0.1	0.4	0.4	0.6
41	Northern willowherb	1.5	0.1	10.0	< 0.1	0.4	0.4	0.6
42	Striate knotweed	1.6	0.1	5.0	< 0.1	0.6	0.6	0.6
43	Cow cockle	1.6	0.1	5.0	< 0.1	0.2	0.2	0.5
44	Blue lettuce	1.6	0.1	5.0	< 0.1	0.2	0.2	0.5
45	Goldenrod species	1.5	0.1	5.0	< 0.1	0.4	0.4	0.5
46	Persian damel	1.5	0.1	5.0	< 0.1	0.2	0.2	0.5
47	Tall hedge mustard	1.5	0.1	5.0	< 0.1	0.2	0.2	0.5
48	Wild tomato	1.5	0.1	5.0	< 0.1	0.2	0.2	0.5
49	Silver-leaved Indian breadroot	1.5	0.1	5.0	< 0.1	0.2	0.2	0.5
50	Yellow sweet-clover	1.3	0.1	5.0	< 0.1	0.2	0.2	0.4

Field Survey Summary Tables – Durum in Crop District 3BS

Table 130. 2014/15 Durum in Crop District 3BS in Southwestern Saskatchewan (24 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Stinkweed	41.5	13.4	32.4	4.2	10.1	47.2	71.3
2	Green foxtail	21.1	9.4	44.8	2.7	13.0	34.6	45.8
3	Wild oats	38.3	9.3	24.3	1.5	4.0	13.0	40.0
4	Kochia	27.5	3.6	13.0	0.3	1.0	3.6	16.6
5	Canola/rapeseed	4.2	3.6	85.0	0.9	21.4	21.4	14.9
6	Wild buckwheat	29.3	2.5	8.6	0.2	0.5	1.6	14.3
7	Russian thistle	17.0	3.4	19.9	0.3	1.8	5.4	13.2
8	Lamb's-quarters	12.9	2.8	21.7	0.2	1.5	4.2	10.1
9	Tumble pigweed	11.3	2.1	19.0	0.1	1.2	2.0	8.1
10	Annual brome species	12.8	1.3	10.0	0.1	0.6	1.0	6.6
11	Canada thistle	12.7	0.8	6.7	0.1	0.5	1.0	5.8
12	Dandelion	13.1	0.9	6.6	< 0.1	0.3	0.6	5.7
13	Canada fleabane	8.8	0.9	10.0	0.1	1.2	2.0	5.0
14	Spiny annual sow-thistle	4.3	1.3	30.0	0.1	2.2	2.2	4.2
15	Wild mustard	4.3	1.1	25.0	0.1	1.6	1.6	3.6
16	Redroot pigweed	8.4	0.4	5.0	< 0.1	0.2	0.2	3.4
17	Lentil	8.4	0.4	5.0	< 0.1	0.2	0.2	3.4
18	Round-leaved mallow	4.3	0.6	15.0	0.1	2.2	2.2	3.2
19	Field pea	4.2	0.6	15.0	0.1	1.2	1.2	2.7
20	Barnyard grass species	4.2	0.6	15.0	< 0.1	0.8	0.8	2.6
21	Chickweed	4.2	0.6	15.0	< 0.1	0.6	0.6	2.5
22	Narrow-leaved hawk's-beard	4.6	0.2	5.0	0.1	1.2	1.2	2.2
23	Black medick	4.3	0.4	10.0	< 0.1	0.4	0.4	2.1
24	Prostrate knotweed	4.2	0.4	10.0	< 0.1	0.4	0.4	2.1
25	Shepherd's-purse	4.2	0.4	10.0	< 0.1	0.4	0.4	2.1
26	Goldenrod species	4.3	0.2	5.0	< 0.1	0.4	0.4	1.8
27	Annual spurge species	4.2	0.2	5.0	< 0.1	0.4	0.4	1.8
28	Foxtail barley	4.2	0.2	5.0	< 0.1	0.2	0.2	1.7
29	Tall hedge mustard	4.2	0.2	5.0	< 0.1	0.2	0.2	1.7
30	Wheat	4.2	0.2	5.0	< 0.1	0.2	0.2	1.7

Table 131. 2014/15 Lentil in Crop District 3BS in Southwestern Saskatchewan (12 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Wild oats	33.3	4.7	14.1	0.3	1.0	2.0	32.2
2	Stinkweed	40.6	2.9	7.1	0.3	0.8	1.6	29.0
3	Kochia	24.7	4.6	18.6	0.2	0.9	1.2	24.9
4	Canada fleabane	7.1	5.0	70.0	0.3	4.2	4.2	24.3
5	Green foxtail	25.1	2.5	10.0	0.2	0.6	1.0	18.0
6	Russian thistle	16.7	2.5	15.0	0.2	1.2	2.2	17.6
7	Wild buckwheat	25.9	2.6	9.8	0.1	0.5	1.0	17.2
8	Prickly lettuce	7.1	2.9	40.0	0.2	2.4	2.4	14.7
9	Canola/rapeseed	16.7	1.7	10.0	0.2	1.0	1.8	14.4
10	Annual spurge species	16.7	2.1	12.5	0.1	0.7	1.0	13.6
11	Wheat	16.3	1.3	7.8	0.1	0.8	1.2	11.8
12	Tumble pigweed	16.7	1.3	7.5	0.1	0.6	1.0	11.0
13	Alfalfa	15.5	1.2	7.7	<0.1	0.3	0.4	8.7
14	Lamb's-quarters	15.5	1.1	7.3	<0.1	0.3	0.4	8.4
15	Canada thistle	8.6	1.3	15.0	0.1	1.0	1.0	8.4
16	Flixweed	7.1	1.1	15.0	<0.1	0.6	0.6	5.9
17	Barley	8.6	0.9	10.0	<0.1	0.4	0.4	5.5
18	Annual brome species	8.4	0.4	5.0	0.1	0.6	0.6	5.0
19	Goat's-beard	7.1	0.7	10.0	<0.1	0.4	0.4	4.6
20	Narrow-leaved hawk's-beard	8.6	0.4	5.0	<0.1	0.2	0.2	3.9
21	Prostrate knotweed	8.6	0.4	5.0	<0.1	0.2	0.2	3.9
22	Wild tomato	8.4	0.4	5.0	<0.1	0.2	0.2	3.8
23	Tumble mustard	7.1	0.4	5.0	<0.1	0.2	0.2	3.3
24	Biennial wormwood	7.1	0.4	5.0	<0.1	0.2	0.2	3.3
25	Yellow sweet-clover	7.1	0.4	5.0	<0.1	0.2	0.2	3.3
26	Crested wheat grass	7.1	0.4	5.0	<0.1	0.2	0.2	3.3

Field Survey Summary Tables – Crop District 3BN

Table 132. 2014/15 Annual crops in Crop District 3BN in Southwestern Saskatchewan (126 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Stinkweed	28.1	10.7	38.2	5.9	20.8	268.6	49.3
2	Green foxtail	24.6	8.4	34.2	5.1	20.8	234.4	41.7
3	Wild oats	30.7	9.9	32.1	2.8	9.2	96.0	35.3
4	Canola/rapeseed	21.3	6.5	30.6	3.4	16.1	284.6	30.5
5	Wild buckwheat	35.3	5.8	16.4	0.4	1.3	5.2	20.2
6	Canada thistle	27.4	2.8	10.2	0.3	1.0	8.2	12.9
7	Wheat	11.8	3.0	25.4	0.9	7.5	50.2	11.5
8	Lamb's-quarters	19.9	3.1	15.8	0.3	1.6	13.4	11.5
9	Kochia	18.6	2.2	11.6	0.1	0.8	5.0	9.0
10	Narrow-leaved hawk's-beard	14.7	1.9	12.7	0.5	3.3	20.8	8.9
11	Spiny annual sow-thistle	11.4	2.5	21.8	0.5	4.2	37.2	8.9
12	Wild mustard	10.4	1.8	17.5	0.2	2.3	15.4	6.6
13	Flax	3.2	1.0	30.8	0.5	15.4	58.4	4.5
14	Barnyard grass species	5.5	1.0	18.8	0.3	5.1	16.8	4.2
15	Dandelion	7.6	0.8	10.0	0.1	0.8	2.2	3.5
16	Perennial sow-thistle	5.7	0.8	13.7	0.1	1.7	10.2	3.1
17	Russian thistle	6.5	0.7	10.1	0.1	1.1	5.2	3.1
18	Redroot pigweed	3.8	0.7	17.4	0.1	3.6	17.0	2.7
19	Foxtail barley	5.7	0.5	9.2	0.1	1.0	3.2	2.6
20	Shepherd's-purse	2.4	0.6	26.9	0.1	6.0	9.0	2.2
21	Annual spurge species	4.1	0.5	13.0	<0.1	1.0	4.4	2.1
22	Flixweed	3.8	0.6	15.9	<0.1	0.9	1.8	2.1
23	Round-leaved mallow	3.1	0.4	12.8	<0.1	0.7	2.0	1.5
24	Lentil	3.3	0.3	8.8	<0.1	0.5	0.8	1.4
25	Black medick	1.5	0.4	27.1	<0.1	2.9	5.2	1.2
26	Alfalfa	3.0	0.2	7.5	<0.1	0.3	0.4	1.2
27	Cow cockle	2.3	0.3	13.3	<0.1	0.7	1.2	1.1
28	Persian damel	2.2	0.3	13.3	<0.1	0.7	1.4	1.1
29	Oak-leaved goosefoot	0.8	0.4	50.0	0.1	9.0	9.0	1.1
30	Tumble pigweed	2.4	0.2	6.7	<0.1	0.4	0.6	0.9
31	Barley	1.7	0.2	13.6	<0.1	0.5	0.8	0.9
32	Quack grass	1.5	0.1	7.5	0.1	3.4	4.8	0.8
33	Prostrate knotweed	1.5	0.2	15.0	<0.1	0.6	1.0	0.8
34	Canada fleabane	1.5	0.2	12.5	<0.1	0.6	0.8	0.7
35	Wild tomato	1.5	0.2	10.1	<0.1	0.4	0.6	0.7
36	Annual sow-thistle	1.6	0.1	7.5	<0.1	0.6	0.6	0.7
37	Broad-leaved plantain	1.5	0.1	7.5	<0.1	0.5	0.6	0.6
38	Biennial wormwood	1.6	0.1	7.5	<0.1	0.3	0.4	0.6
39	Northern willowherb	0.8	0.1	10.0	0.1	8.2	8.2	0.6
40	Prickly lettuce	1.6	0.1	5.0	<0.1	0.2	0.2	0.6
41	Yellow sweet-clover	1.5	0.1	5.0	<0.1	0.3	0.4	0.5
42	Scouler's popcomflower	0.7	0.1	20.0	<0.1	2.4	2.4	0.5
43	Annual brome species	0.8	0.2	20.0	<0.1	1.4	1.4	0.5
44	False cleavers	0.8	0.1	15.0	<0.1	2.4	2.4	0.5
45	Hemp-nettle	0.7	0.1	15.0	<0.1	1.6	1.6	0.4
46	Blue lettuce	1.0	0.1	5.0	<0.1	0.2	0.2	0.4
47	Field pea	0.8	0.1	10.0	<0.1	0.4	0.4	0.3
48	Low cudweed	0.7	0.1	10.0	<0.1	0.8	0.8	0.3
49	Rose species	0.7	<0.1	5.0	<0.1	2.2	2.2	0.3
50	Cocklebur	0.7	0.1	10.0	<0.1	0.4	0.4	0.3
51	Pale smartweed	0.8	<0.1	5.0	<0.1	0.8	0.8	0.3
52	Goat's-beard	0.8	<0.1	5.0	<0.1	0.2	0.2	0.3

(Table continued on next page)

Table 132. 2014/15 Annual crops in Crop District 3BN in Southwestern Saskatchewan (126 fields) (continued)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Green tansy mustard	0.8	< 0.1	5.0	< 0.1	0.2	0.2	0.3
54	Rough cinquefoil	0.8	< 0.1	5.0	< 0.1	0.4	0.4	0.3
55	Maple-leaved goosefoot	0.8	< 0.1	5.0	< 0.1	0.4	0.4	0.3
56	Dock species	0.7	< 0.1	5.0	< 0.1	0.4	0.4	0.3
57	Night-flowering catchfly	0.8	< 0.1	5.0	< 0.1	0.2	0.2	0.3
58	Field mint	0.8	< 0.1	5.0	< 0.1	0.2	0.2	0.3
59	Purslane	0.7	< 0.1	5.0	< 0.1	0.2	0.2	0.3
60	Wormseed mustard	0.7	< 0.1	5.0	< 0.1	0.2	0.2	0.3

Field Survey Summary Tables – Durum in Crop District 3BN

Table 133. 2014/15 Durum in Crop District 3BN in Southwestern Saskatchewan (34 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Canola/rapeseed	20.7	4.5	21.8	8.0	38.4	284.6	59.3
2	Stinkweed	13.9	7.4	53.4	3.3	23.9	75.0	36.9
3	Green foxtail	24.3	8.7	35.9	1.4	5.7	19.8	32.7
4	Wild oats	23.9	8.0	33.3	1.1	4.4	9.8	29.5
5	Canada thistle	31.9	4.0	12.5	0.5	1.6	8.2	22.2
6	Flax	6.0	2.9	49.0	1.7	29.0	58.4	17.0
7	Wild buckwheat	25.2	3.1	12.3	0.2	0.9	2.8	16.5
8	Narrow-leaved hawk's-beard	17.8	2.1	11.9	0.6	3.4	20.8	13.9
9	Kochia	15.1	2.1	13.6	0.2	1.1	4.2	10.4
10	Wild mustard	8.8	2.2	25.4	0.5	5.5	15.4	10.0
11	Spiny annual sow-thistle	8.5	1.9	22.9	0.2	2.9	8.4	8.2
12	Foxtail barley	9.4	1.2	12.8	0.1	1.4	3.2	6.5
13	Annual spurge species	6.1	1.5	24.8	0.1	2.3	4.4	5.8
14	Round-leaved mallow	5.6	0.4	7.6	< 0.1	0.3	0.4	3.0
15	Northern willowherb	2.9	0.3	10.0	0.2	8.2	8.2	2.9
16	Flixweed	5.6	0.3	5.0	< 0.1	0.5	0.8	2.8
17	Scouler's popcomflower	2.7	0.5	20.0	0.1	2.4	2.4	2.4
18	Dandelion	2.8	0.6	20.0	< 0.1	1.2	1.2	2.2
19	Hemp-nettle	2.7	0.4	15.0	< 0.1	1.6	1.6	2.0
20	Tumble pigweed	3.0	0.3	10.0	< 0.1	0.6	0.6	1.8
21	Broad-leaved plantain	2.9	0.3	10.0	< 0.1	0.6	0.6	1.7
22	Annual sow-thistle	2.9	0.3	10.0	< 0.1	0.6	0.6	1.7
23	Low cudweed	2.7	0.3	10.0	< 0.1	0.8	0.8	1.7
24	Alfalfa	2.8	0.3	10.0	< 0.1	0.4	0.4	1.6
25	Black medick	2.9	0.1	5.0	< 0.1	0.6	0.6	1.5
26	Prickly lettuce	3.0	0.2	5.0	< 0.1	0.2	0.2	1.5
27	Lamb's-quarters	2.9	0.1	5.0	< 0.1	0.2	0.2	1.4
28	Perennial sow-thistle	2.9	0.1	5.0	< 0.1	0.2	0.2	1.4
29	Persian damel	2.7	0.1	5.0	< 0.1	0.2	0.2	1.3

Table 134. 2014/15 Canola in Crop District 3BN in Southwestern Saskatchewan (12 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Stinkweed	65.6	18.5	28.2	10.5	16.1	103.4	91.7
2	Canola/rapeseed	26.5	13.8	52.2	1.6	6.0	10.0	29.0
3	Lamb's-quarters	57.5	10.6	18.4	0.7	1.2	4.4	26.7
4	Wild buckwheat	49.0	11.2	22.9	0.7	1.4	3.6	25.8
5	Barnyard grass species	24.9	4.8	19.4	1.1	4.5	13.0	16.4
6	Redroot pigweed	16.4	4.4	26.6	1.4	8.3	17.0	15.5
7	Wild oats	16.6	4.5	26.9	0.5	3.2	6.4	11.1
8	Kochia	15.7	3.9	25.0	0.2	1.2	1.6	8.5
9	Canada thistle	24.9	1.2	5.0	0.1	0.3	0.6	6.8
10	Wheat	17.5	1.8	10.0	0.1	0.6	0.6	6.0
11	Wild mustard	9.0	2.7	30.0	0.1	1.4	1.4	5.4
12	Flixweed	8.1	2.8	35.0	0.1	1.6	1.6	5.4
13	Lentil	17.5	1.3	7.6	0.1	0.4	0.4	5.4
14	Biennial wormwood	17.0	1.3	7.5	0.1	0.3	0.4	5.1
15	Green foxtail	16.6	1.2	7.4	<0.1	0.3	0.4	5.0
16	Spiny annual sow-thistle	16.6	0.8	5.0	<0.1	0.3	0.4	4.5
17	False cleavers	8.5	1.3	15.0	0.2	2.4	2.4	4.2
18	Wild tomato	8.5	1.3	15.0	0.1	0.6	0.6	3.4
19	Persian damel	8.1	1.2	15.0	<0.1	0.6	0.6	3.2
20	Dandelion	9.0	0.9	10.0	0.1	0.6	0.6	3.1
21	Flax	9.0	0.4	5.0	0.1	1.2	1.2	2.9
22	Shepherd's-purse	8.5	0.9	10.0	<0.1	0.4	0.4	2.8
23	Canada fleabane	8.1	0.8	10.0	<0.1	0.4	0.4	2.7
24	Annual sow-thistle	8.5	0.4	5.0	0.1	0.6	0.6	2.5
25	Perennial sow-thistle	8.5	0.4	5.0	0.1	0.6	0.6	2.5
26	Foxtail barley	8.5	0.4	5.0	<0.1	0.2	0.2	2.3
27	Tumble pigweed	8.5	0.4	5.0	<0.1	0.2	0.2	2.3

Field Survey Summary Tables – Lentil in Crop District 3BN

Table 135. 2014/15 Lentil in Crop District 3BN in Southwestern Saskatchewan (47 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Stinkweed	22.4	9.6	43.0	8.4	37.3	268.6	61.8
2	Wild oats	35.9	11.3	31.6	3.5	9.6	96.0	44.5
3	Canola/rapeseed	27.0	7.2	26.6	1.7	6.2	56.0	26.9
4	Green foxtail	17.0	5.0	29.6	2.5	14.4	64.8	24.5
5	Wheat	21.0	5.3	25.1	1.3	6.3	26.8	20.6
6	Wild buckwheat	33.7	4.7	13.9	0.4	1.2	5.2	19.0
7	Spiny annual sow-thistle	16.2	4.8	29.7	1.1	6.6	37.2	17.3
8	Canada thistle	27.5	2.3	8.4	0.2	0.6	2.0	12.4
9	Narrow-leaved hawk's-beard	16.1	1.4	8.7	0.2	1.3	5.0	7.9
10	Kochia	17.3	1.4	8.1	0.1	0.3	0.6	7.5
11	Lamb's-quarters	16.5	1.1	6.9	< 0.1	0.3	0.4	6.8
12	Wild mustard	10.9	1.7	15.2	0.2	1.9	7.8	6.7
13	Barnyard grass species	4.1	1.0	24.7	0.3	8.4	16.8	4.4
14	Dandelion	10.0	0.7	7.0	0.1	0.6	1.0	4.3
15	Perennial sow-thistle	9.0	0.7	7.3	< 0.1	0.3	0.6	3.8
16	Russian thistle	4.4	1.0	22.6	0.2	3.4	5.2	3.5
17	Shepherd's-purse	2.2	0.9	40.0	0.2	8.6	8.6	2.9
18	Black medick	2.0	1.0	50.0	0.1	5.2	5.2	2.7
19	Round-leaved mallow	4.2	0.8	17.9	< 0.1	1.1	2.0	2.6
20	Barley	4.7	0.6	13.6	< 0.1	0.5	0.8	2.5
21	Annual spurge species	6.5	0.3	5.0	< 0.1	0.2	0.2	2.5
22	Flixweed	2.0	0.6	30.0	< 0.1	1.8	1.8	1.7
23	Foxtail barley	4.4	0.2	5.0	< 0.1	0.2	0.2	1.7
24	Alfalfa	4.0	0.2	5.0	< 0.1	0.2	0.2	1.5
25	Annual brome species	2.1	0.4	20.0	< 0.1	1.4	1.4	1.4
26	Quack grass	2.0	0.2	10.0	0.1	4.8	4.8	1.4
27	Persian damel	2.0	0.4	20.0	< 0.1	1.4	1.4	1.3
28	Cocklebur	2.0	0.2	10.0	< 0.1	0.4	0.4	0.9
29	Pale smartweed	2.0	0.1	5.0	< 0.1	0.8	0.8	0.8
30	Prickly lettuce	2.2	0.1	5.0	< 0.1	0.2	0.2	0.8
31	Green tansy mustard	2.2	0.1	5.0	< 0.1	0.2	0.2	0.8
32	Tumble pigweed	2.0	0.1	5.0	< 0.1	0.4	0.4	0.8
33	Yellow sweet-clover	2.0	0.1	5.0	< 0.1	0.4	0.4	0.8
34	Wormseed mustard	1.9	0.1	5.0	< 0.1	0.2	0.2	0.7

Table 136. 2014/15 Annual crops in Crop District 4A in Southwestern Saskatchewan (41 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Stinkweed	32.6	11.1	34.1	16.5	50.5	449.8	53.4
2	Green foxtail	28.8	15.5	53.9	14.0	48.8	268.0	50.5
3	Wild oats	42.6	17.1	40.1	2.8	6.6	29.6	29.2
4	Wild buckwheat	48.0	11.8	24.5	0.9	2.0	12.0	21.9
5	Russian thistle	32.5	10.8	33.3	2.7	8.2	83.6	21.7
6	Kochia	38.0	7.7	20.3	0.7	1.9	12.2	16.0
7	Tumble pigweed	23.3	6.7	28.5	0.7	2.8	7.2	11.8
8	Lamb's-quarters	22.1	5.4	24.7	0.8	3.4	17.0	10.8
9	Cow cockle	15.9	5.4	33.8	0.9	5.9	36.4	9.9
10	Dandelion	21.4	4.9	22.9	0.3	1.5	3.6	9.2
11	Alfalfa	8.5	4.2	49.6	0.5	6.4	14.8	6.5
12	Canola/rapeseed	6.4	3.1	47.5	1.0	15.6	30.2	6.1
13	Canada thistle	14.8	2.8	18.8	0.2	1.7	6.8	6.0
14	Annual spurge species	15.0	2.3	15.1	0.1	0.9	2.2	5.4
15	Persian damel	5.6	3.3	58.9	0.4	8.0	12.0	4.8
16	Narrow-leaved hawk's-beard	12.2	1.9	15.7	0.2	1.6	3.4	4.6
17	Prostrate pigweed	8.4	2.6	30.5	0.2	2.2	7.2	4.3
18	Canada fleabane	7.0	1.0	14.7	0.3	4.0	12.4	3.0
19	Foxtail barley	6.4	1.0	14.9	< 0.1	0.7	1.2	2.3
20	Night-flowering catchfly	3.2	1.4	45.0	0.2	5.2	5.2	2.2
21	Yellow toadflax	3.2	1.6	50.0	0.1	3.4	3.4	2.2
22	Tumble mustard	7.6	0.5	6.4	< 0.1	0.3	0.4	2.1
23	Sunflower species	6.2	0.5	8.3	< 0.1	0.3	0.6	1.8
24	Lentil	4.2	0.7	17.5	< 0.1	0.9	1.2	1.6
25	Wheat	4.6	0.5	10.5	< 0.1	0.4	0.6	1.4
26	Barnyard grass species	4.6	0.2	5.0	< 0.1	0.2	0.2	1.2
27	Field pea	4.2	0.2	5.0	< 0.1	0.2	0.2	1.1
28	Round-leaved mallow	4.1	0.2	5.0	< 0.1	0.3	0.4	1.1
29	Redroot pigweed	3.2	0.3	10.0	< 0.1	0.4	0.4	1.0
30	American vetch	3.4	0.2	5.0	< 0.1	0.2	0.2	0.9
31	False cleavers	3.2	0.2	5.0	< 0.1	0.4	0.4	0.9
32	Yellow sweet-clover	3.2	0.2	5.0	< 0.1	0.2	0.2	0.8
33	Prostrate knotweed	2.0	0.4	20.0	< 0.1	1.0	1.0	0.8
34	Blue lettuce	2.0	0.3	15.0	< 0.1	0.8	0.8	0.7
35	Bluebur	2.0	0.2	10.0	< 0.1	0.4	0.4	0.6
36	Cocklebur	2.3	0.1	5.0	< 0.1	0.2	0.2	0.6
37	Flixweed	2.1	0.1	5.0	< 0.1	0.2	0.2	0.5
38	Blue grass species	2.0	0.1	5.0	< 0.1	0.2	0.2	0.5
39	False ragweed	1.6	0.1	5.0	< 0.1	0.2	0.2	0.4

Field Survey Summary Tables – Durum in Crop District 4A

Table 137. 2014/15 Durum in Crop District 4A in Southwestern Saskatchewan (20 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Stinkweed	33.5	16.7	50.0	34.0	101.6	449.8	75.4
2	Green foxtail	18.3	10.9	59.8	12.3	67.2	268.0	32.3
3	Russian thistle	43.1	17.3	40.2	4.8	11.2	83.6	30.1
4	Kochia	58.4	13.0	22.2	1.3	2.3	12.2	24.2
5	Tumble pigweed	42.7	12.8	29.9	1.3	3.1	7.2	20.8
6	Wild oats	37.9	9.1	24.1	1.2	3.0	7.4	16.7
7	Wild buckwheat	52.0	6.9	13.3	0.3	0.6	4.4	16.6
8	Lamb's-quarters	19.8	9.9	50.1	1.5	7.6	17.0	14.2
9	Canola/rapeseed	6.8	5.5	80.0	2.1	30.2	30.2	9.0
10	Annual spurge species	21.2	4.3	20.1	0.3	1.2	2.2	8.1
11	Prostrate pigweed	11.1	4.8	43.1	0.4	3.4	7.2	6.6
12	Dandelion	16.1	3.0	18.7	0.2	1.2	1.8	5.9
13	Cow cockle	13.1	3.1	23.3	0.2	1.7	3.4	5.4
14	Narrow-leaved hawk's-beard	13.7	2.0	15.0	0.2	1.5	1.8	4.7
15	Foxtail barley	13.7	2.0	14.9	0.1	0.7	1.2	4.6
16	Lentil	8.9	1.6	17.5	0.1	0.9	1.2	3.1
17	Tumble mustard	11.6	0.8	6.9	< 0.1	0.3	0.4	3.1
18	Canada fleabane	4.4	1.3	30.0	0.5	12.4	12.4	2.8
19	Sunflower species	8.7	0.9	9.9	< 0.1	0.4	0.6	2.5
20	Persian damel	5.0	1.5	30.0	0.1	2.6	2.6	2.4
21	Field pea	8.9	0.4	5.0	< 0.1	0.2	0.2	2.2
22	Redroot pigweed	6.8	0.7	10.0	< 0.1	0.4	0.4	2.0
23	Canada thistle	6.8	0.3	5.0	< 0.1	0.2	0.2	1.7
24	Blue lettuce	4.3	0.6	15.0	< 0.1	0.8	0.8	1.4
25	Flixweed	4.4	0.2	5.0	< 0.1	0.2	0.2	1.1
26	Round-leaved mallow	4.4	0.2	5.0	< 0.1	0.2	0.2	1.1
27	Barnyard grass species	4.4	0.2	5.0	< 0.1	0.2	0.2	1.1
28	Blue grass species	4.3	0.2	5.0	< 0.1	0.2	0.2	1.1

Table 138. 2014/15 Annual crops in Crop District 4B in Southwestern Saskatchewan (65 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	14.5	4.8	33.1	0.7	5.0	16.8	53.4
2	Wild oats	19.5	5.0	25.5	0.4	2.1	13.4	46.3
3	Kochia	20.4	3.9	19.1	0.2	1.2	3.0	37.3
4	Russian thistle	15.8	3.7	23.1	0.2	1.5	7.8	33.2
5	White mustard	4.4	2.3	52.1	0.2	4.8	9.4	18.7
6	Foxtail barley	4.5	1.6	35.2	0.2	4.5	13.2	16.0
7	Narrow-leaved hawk's-beard	7.3	1.1	14.6	0.1	1.2	2.0	12.4
8	Annual spurge species	3.0	1.0	34.2	0.1	4.2	11.8	10.3
9	Perennial sow-thistle	2.3	1.3	57.8	0.1	4.4	7.4	9.6
10	Stinkweed	5.0	1.0	19.0	< 0.1	0.9	1.6	8.8
11	Wheat	2.0	0.8	40.0	0.1	5.2	5.2	8.1
12	Tumble pigweed	4.0	0.6	14.7	0.1	1.5	4.4	7.2
13	Prickly lettuce	3.7	0.6	15.5	0.1	1.7	2.8	7.1
14	Canola/rapeseed	2.0	0.6	30.0	0.1	2.8	2.8	5.7
15	Wild buckwheat	3.9	0.5	12.5	< 0.1	0.5	0.8	5.4
16	Canada fleabane	3.7	0.3	7.2	< 0.1	0.3	0.4	4.2
17	Canada thistle	2.9	0.1	5.0	< 0.1	0.5	0.6	3.2
18	Dandelion	1.7	0.3	20.0	< 0.1	1.4	1.4	3.2
19	Barnyard grass species	2.0	0.1	5.0	< 0.1	0.4	0.4	2.2
20	Wild mustard	1.2	0.2	15.0	< 0.1	0.8	0.8	1.9
21	Lamb's-quarters	1.0	0.2	20.0	< 0.1	0.8	0.8	1.8
22	Goat's-beard	1.7	0.1	5.0	< 0.1	0.2	0.2	1.7
23	Water smartweed	1.2	0.1	5.0	< 0.1	0.4	0.4	1.3
24	Spiny annual sow-thistle	1.0	0.1	5.0	< 0.1	0.2	0.2	1.1

Field Survey Summary Tables – Durum in Crop District 4B

Table 139. 2014/15 Durum in Crop District 4B in Southwestern Saskatchewan (30 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	17.2	6.2	36.1	1.1	6.5	16.8	72.8
2	Wild oats	16.7	4.0	23.7	0.4	2.3	13.4	41.1
3	Narrow-leaved hawk's-beard	13.5	2.0	14.6	0.2	1.3	2.0	24.0
4	Kochia	13.1	1.5	11.7	0.2	1.2	3.0	21.7
5	Russian thistle	6.7	2.1	31.2	0.2	3.1	7.8	19.9
6	Wheat	4.4	1.8	40.0	0.2	5.2	5.2	17.4
7	Tumble pigweed	8.5	1.3	14.7	0.1	1.5	4.4	15.9
8	White mustard	4.4	1.8	40.0	0.2	3.8	3.8	15.5
9	Annual spurge species	2.1	1.6	75.0	0.2	11.8	11.8	15.3
10	Canola/rapeseed	4.4	1.3	30.0	0.1	2.8	2.8	12.5
11	Prickly lettuce	4.4	0.9	20.0	0.1	2.8	2.8	10.8
12	Wild buckwheat	6.2	0.7	11.7	< 0.1	0.5	0.8	8.8
13	Foxtail barley	4.8	0.6	12.7	0.1	1.2	1.6	8.2
14	Stinkweed	4.4	0.2	5.0	< 0.1	0.4	0.4	5.0
15	Barnyard grass species	4.4	0.2	5.0	< 0.1	0.4	0.4	5.0
16	Water smartweed	2.6	0.1	5.0	< 0.1	0.4	0.4	3.0
17	Canada thistle	2.6	0.1	5.0	< 0.1	0.4	0.4	3.0

Table 140. 2014/15 Lentil in Crop District 4B in Southwestern Saskatchewan (13 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	27.9	8.2	29.3	0.9	3.2	4.8	71.9
2	Wild oats	26.2	9.8	37.3	0.8	3.0	6.8	71.5
3	Kochia	31.6	8.0	25.5	0.4	1.3	2.4	57.3
4	White mustard	10.3	6.4	62.5	0.6	5.6	9.4	44.0
5	Russian thistle	27.6	3.3	11.9	0.1	0.5	0.8	33.0
6	Canada fleabane	8.8	0.4	5.0	< 0.1	0.2	0.2	7.9
7	Canada thistle	7.2	0.4	5.0	< 0.1	0.6	0.6	7.4
8	Wild mustard	5.1	0.8	15.0	< 0.1	0.8	0.8	7.0

Field Survey Summary Tables – Crop District 5A

Table 141. 2014/15 Annual crops in Crop District 5A in East-Central Saskatchewan (140 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	56.9	28.3	49.8	23.2	40.7	642.4	60.1
2	Wild oats	54.5	19.7	36.2	3.6	6.5	73.8	21.7
3	Wild buckwheat	69.0	19.8	28.7	1.6	2.4	32.0	20.2
4	Dandelion	59.9	17.3	28.9	1.9	3.2	30.2	18.5
5	Shepherd's-purse	50.1	14.7	29.4	3.1	6.2	82.0	18.1
6	Canola/rapeseed	38.7	14.0	36.3	2.1	5.6	48.4	14.7
7	False cleavers	34.2	8.8	25.7	2.2	6.6	132.4	12.1
8	Canada thistle	46.9	10.2	21.8	0.9	1.9	17.8	11.9
9	Spiny annual sow-thistle	35.9	9.3	26.0	1.8	4.9	67.0	11.7
10	Wheat	27.7	8.9	32.1	1.8	6.5	108.0	10.5
11	Broad-leaved plantain	22.8	6.3	27.8	1.6	7.0	88.0	8.4
12	Round-leaved mallow	24.5	6.5	26.7	0.6	2.4	17.8	7.0
13	Barnyard grass species	25.7	5.5	21.3	0.7	2.7	22.8	6.8
14	Chickweed	10.0	4.2	41.7	2.0	19.7	138.4	6.5
15	Lamb's-quarters	23.9	5.3	22.1	0.6	2.6	23.0	6.4
16	Foxtail barley	22.6	4.9	21.6	0.5	2.3	22.4	5.9
17	Biennial wormwood	20.4	4.1	20.0	0.7	3.3	47.8	5.5
18	Yellow sweet-clover	6.7	3.0	44.0	1.8	26.5	130.6	5.3
19	Night-flowering catchfly	8.0	2.9	35.8	0.9	11.2	67.6	3.9
20	Pale smartweed	7.6	2.4	31.9	0.9	12.4	56.8	3.7
21	Black medick	9.2	3.9	42.3	0.3	3.6	12.2	3.5
22	Wild mustard	6.0	2.5	42.1	0.8	12.7	63.0	3.2
23	Narrow-leaved hawk's-beard	10.6	2.4	22.8	0.5	4.5	41.2	3.2
24	Redroot pigweed	12.8	2.2	17.5	0.2	1.9	8.2	3.0
25	Perennial sow-thistle	7.7	3.0	39.4	0.2	2.5	4.4	2.6
26	Flax	5.9	2.4	40.1	0.3	5.4	13.6	2.3
27	Rough cinquefoil	6.5	1.2	18.5	0.3	5.3	41.4	2.0
28	Clover species	3.4	1.2	35.4	0.3	10.2	42.6	1.6
29	Kochia	3.9	1.3	34.2	0.3	7.6	37.4	1.6
30	Low cudweed	4.2	1.1	26.0	0.3	6.3	26.8	1.4
31	Hemp-nettle	5.2	1.1	20.8	0.1	2.4	11.0	1.3
32	Stinkweed	5.6	0.8	13.9	0.1	1.5	4.8	1.2
33	Alfalfa	4.4	1.0	22.5	0.1	2.4	7.8	1.2
34	Canada fleabane	4.9	0.7	14.6	< 0.1	1.0	3.6	1.0
35	Oak-leaved goosefoot	5.2	0.6	11.0	0.1	1.0	3.4	1.0
36	Barley	4.8	0.7	13.9	< 0.1	0.9	3.4	1.0
37	Rayless aster	3.6	0.6	17.1	0.1	1.6	3.4	0.8
38	Northern willowherb	3.7	0.5	14.4	< 0.1	1.2	2.0	0.8
39	Prostrate knotweed	3.3	0.5	16.3	0.1	1.7	4.0	0.7
40	American vetch	3.6	0.3	9.2	< 0.1	0.5	1.2	0.6
41	Annual spurge species	3.0	0.3	9.8	< 0.1	0.4	1.2	0.5
42	Field violet	0.8	0.5	65.0	0.1	9.6	9.6	0.4
43	Pineappleweed	1.5	0.4	25.1	< 0.1	2.2	4.2	0.4
44	American dragonhead	1.6	0.3	17.5	< 0.1	1.0	1.0	0.4
45	Stork's-bill	1.8	0.2	9.7	< 0.1	1.0	3.6	0.3
46	Lentil	1.6	0.2	12.7	< 0.1	0.5	0.8	0.3
47	Field pea	1.3	0.2	16.5	< 0.1	1.1	1.8	0.3
48	Spear-leaved goosefoot	1.1	0.2	17.5	< 0.1	1.6	2.2	0.3
49	Scentless chamomile	1.3	0.2	11.4	< 0.1	1.1	2.4	0.3
50	Russian thistle	1.5	0.1	7.5	< 0.1	0.3	0.4	0.3
51	Prickly lettuce	1.5	0.1	7.5	< 0.1	0.3	0.4	0.2
52	Tumble pigweed	0.8	0.2	30.0	< 0.1	2.0	2.0	0.2

(Table continued on next page)

Table 141. 2014/15 Annual crops in Crop District 5A in East-Central Saskatchewan (140 fields) (continued)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Flixweed	1.1	0.1	12.5	<0.1	0.7	1.0	0.2
54	Field horsetail	0.8	0.2	25.0	<0.1	2.4	2.4	0.2
55	Philadelphia fleabane	0.8	0.2	20.0	<0.1	1.6	1.6	0.2
56	Dock species	0.8	0.2	20.0	<0.1	1.2	1.2	0.2
57	Timothy	0.8	0.1	15.0	<0.1	0.6	0.6	0.2
58	Cow cockle	0.8	0.1	10.0	<0.1	1.0	1.0	0.2
59	Blue grass species	0.8	0.1	10.0	<0.1	1.0	1.0	0.1
60	Rose species	0.8	0.1	10.0	<0.1	0.8	0.8	0.1
61	Sunflower species	0.8	0.1	10.0	<0.1	0.8	0.8	0.1
62	Thyme-leaved sandwort	0.8	0.1	10.0	<0.1	0.6	0.6	0.1
63	Absinth	0.8	0.1	10.0	<0.1	0.4	0.4	0.1
64	Rough hair grass	0.8	0.1	10.0	<0.1	0.4	0.4	0.1
65	Golden dock	0.8	0.1	10.0	<0.1	0.4	0.4	0.1
66	Corn	0.8	<0.1	5.0	<0.1	0.2	0.2	0.1
67	Annual brome species	0.8	<0.1	5.0	<0.1	0.6	0.6	0.1
68	Nuttall's alkali grass	0.8	<0.1	5.0	<0.1	0.6	0.6	0.1
69	Bluebur	0.8	<0.1	5.0	<0.1	0.2	0.2	0.1
70	Dog mustard	0.8	<0.1	5.0	<0.1	0.2	0.2	0.1
71	Goldenrod species	0.8	<0.1	5.0	<0.1	0.2	0.2	0.1
72	Cattail	0.8	<0.1	5.0	<0.1	0.2	0.2	0.1
73	Bicknell's geranium	0.8	<0.1	5.0	<0.1	0.2	0.2	0.1
74	Marsh yellow cress	0.6	<0.1	5.0	<0.1	0.2	0.2	0.1
75	Striate knotweed	0.6	<0.1	5.0	<0.1	0.2	0.2	0.1
76	Purs lane speedwell	0.2	<0.1	10.0	<0.1	0.4	0.4	<0.1

Field Survey Summary Tables – Spring wheat in Crop District 5A

Table 142. 2014/15 Spring wheat in Crop District 5A in East-Central Saskatchewan (38 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	65.7	38.9	59.2	43.8	66.7	642.4	75.6
2	Canola/rapeseed	71.1	24.6	34.6	3.8	5.4	48.4	22.2
3	Dandelion	66.9	22.1	33.0	3.4	5.0	30.2	20.3
4	Wild buckwheat	76.7	22.5	29.4	2.3	2.9	32.0	20.2
5	Wild oats	53.7	18.0	33.5	2.9	5.4	37.0	16.6
6	Shepherd's-purse	47.9	11.3	23.6	3.0	6.4	49.0	13.5
7	Broad-leaved plantain	36.7	9.1	24.9	3.8	10.3	88.0	12.3
8	Foxtail barley	50.8	11.4	22.4	0.9	1.8	10.0	11.3
9	Canada thistle	47.7	11.1	23.3	1.2	2.4	17.8	11.2
10	False cleavers	40.0	8.9	22.4	1.3	3.3	27.2	9.6
11	Spiny annual sow-thistle	36.5	9.3	25.3	1.0	2.8	10.8	9.0
12	Round-leaved mallow	28.2	9.1	32.4	0.9	3.2	8.6	7.9
13	Yellow sweet-clover	8.1	4.9	60.3	4.1	50.6	130.6	7.8
14	Night-flowering catchfly	10.9	5.9	54.2	3.0	27.1	67.6	7.1
15	Lamb's-quarters	20.4	5.9	28.9	0.7	3.6	10.4	5.5
16	Barnyard grass species	26.2	4.1	15.5	0.5	1.8	5.6	5.1
17	Pale smartweed	10.2	4.1	40.4	1.2	12.3	37.6	4.3
18	Redroot pigweed	17.4	3.7	21.5	0.4	2.5	7.4	3.9
19	Wild mustard	8.9	3.8	42.7	0.7	8.0	22.2	3.3
20	Biennial wormwood	20.2	2.1	10.5	0.2	0.8	3.0	3.3
21	Hemp-nettle	10.9	3.2	29.4	0.4	3.7	11.0	3.0
22	Narrow-leaved hawk's-beard	12.3	3.0	24.5	0.3	2.2	8.2	2.9
23	Rough cinquefoil	2.9	2.8	95.0	1.2	41.4	41.4	2.9
24	Chickweed	10.1	2.2	21.4	0.2	2.1	5.8	2.3
25	Canada fleabane	7.2	1.4	20.0	0.1	1.6	3.6	1.5
26	Prostrate knotweed	5.2	1.5	29.1	0.2	3.6	4.0	1.4
27	Oak-leaved goosefoot	5.9	0.9	14.7	0.1	1.9	3.4	1.2
28	Kochia	4.3	1.3	30.0	0.1	1.8	2.2	1.1
29	Stinkweed	7.3	0.5	6.5	< 0.1	0.6	1.0	1.1
30	Flax	2.2	1.3	60.0	0.2	10.2	10.2	1.0
31	American vetch	5.8	0.6	10.0	< 0.1	0.8	1.2	0.9
32	Tumble pigweed	3.1	0.9	30.0	0.1	2.0	2.0	0.8
33	Clover species	2.2	1.0	45.0	0.1	2.6	2.6	0.7
34	Black medick	2.9	0.7	25.0	0.1	2.0	2.0	0.7
35	Rayless aster	2.9	0.6	20.0	0.1	3.4	3.4	0.7
36	Stork's-bill	3.7	0.4	9.4	< 0.1	1.1	3.6	0.6
37	Philadelphia fleabane	2.9	0.6	20.0	< 0.1	1.6	1.6	0.6
38	Dock species	2.9	0.6	20.0	< 0.1	1.2	1.2	0.6
39	American dragonhead	3.1	0.5	15.0	< 0.1	1.0	1.0	0.6
40	Cow cockle	3.1	0.3	10.0	< 0.1	1.0	1.0	0.5
41	Blue grass species	2.9	0.3	10.0	< 0.1	1.0	1.0	0.5
42	Scentless chamomile	2.2	0.4	20.0	0.1	2.4	2.4	0.5
43	Spear-leaved goosefoot	2.2	0.4	20.0	< 0.1	2.2	2.2	0.5
44	Golden dock	2.9	0.3	10.0	< 0.1	0.4	0.4	0.5
45	Wheat	2.9	0.3	10.0	< 0.1	0.4	0.4	0.5
46	Annual spurge species	3.1	0.2	5.0	< 0.1	0.2	0.2	0.4
47	Barley	2.9	0.1	5.0	< 0.1	0.6	0.6	0.4
48	Nuttall's alkali grass	2.9	0.1	5.0	< 0.1	0.6	0.6	0.4
49	Dog mustard	2.9	0.1	5.0	< 0.1	0.2	0.2	0.4
50	Perennial sow-thistle	2.9	0.1	5.0	< 0.1	0.2	0.2	0.4
51	Flixweed	2.2	0.2	10.0	< 0.1	0.4	0.4	0.3
52	Marsh yellow cress	2.2	0.1	5.0	< 0.1	0.2	0.2	0.3

Table 143. 2014/15 Barley in Crop District 5A in East-Central Saskatchewan (13 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	60.6	32.2	53.2	57.4	94.7	610.6	60.5
2	Dandelion	92.2	38.8	42.1	4.6	4.9	21.4	22.8
3	False cleavers	60.7	20.8	34.3	13.4	22.1	132.4	22.1
4	Canola/rapeseed	76.3	33.3	43.6	5.2	6.8	38.8	20.3
5	Wild oats	52.9	27.0	50.9	7.8	14.7	44.2	18.5
6	Wild buckwheat	84.5	26.5	31.3	2.0	2.4	9.4	16.7
7	Shepherd's-purse	52.9	24.3	45.9	3.9	7.4	19.2	14.7
8	Canada thistle	70.8	19.1	26.9	1.9	2.7	12.2	13.3
9	Spiny annual sow-thistle	60.6	15.1	24.9	1.3	2.2	10.2	10.8
10	Wild mustard	16.0	13.9	87.1	5.9	36.6	63.0	10.0
11	Pale smartweed	23.3	10.5	45.0	6.1	26.4	56.8	9.9
12	Narrow-leaved hawk's-beard	29.6	11.1	37.5	3.7	12.5	41.2	8.8
13	Biennial wormwood	37.3	10.5	28.1	1.1	2.9	8.2	7.2
14	Round-leaved mallow	45.1	7.4	16.5	0.5	1.1	4.8	6.6
15	Broad-leaved plantain	29.1	6.4	22.0	2.3	8.1	16.4	6.3
16	Night-flowering catchfly	21.8	11.7	53.5	1.2	5.5	10.2	6.2
17	Yellow sweet-clover	23.7	8.6	36.1	1.2	5.0	14.2	5.5
18	Chickweed	15.5	9.7	62.5	1.0	6.5	10.8	4.9
19	Alfalfa	16.0	7.5	47.1	0.8	5.2	7.8	4.2
20	Redroot pigweed	21.3	4.9	23.2	0.7	3.2	8.2	3.9
21	Lamb's-quarters	21.8	4.0	18.3	0.2	1.0	1.4	3.3
22	Barnyard grass species	15.6	4.7	29.9	0.6	3.6	6.0	3.2
23	Flax	15.5	4.3	27.5	0.6	3.7	4.8	3.1
24	Foxtail barley	23.7	2.4	9.9	0.1	0.5	1.0	3.0
25	Perennial sow-thistle	8.2	3.3	40.0	0.3	3.2	3.2	1.9
26	Prickly lettuce	15.5	1.2	7.5	< 0.1	0.3	0.4	1.8
27	American dragonhead	8.2	1.6	20.0	0.1	1.0	1.0	1.3
28	Rayless aster	5.8	2.0	35.0	0.1	2.4	2.4	1.2
29	Canada fleabane	7.8	1.2	15.0	0.1	1.0	1.0	1.1
30	Stinkweed	7.8	1.2	15.0	0.1	0.8	0.8	1.1
31	Wheat	7.8	1.2	15.0	0.1	0.8	0.8	1.1
32	Timothy	7.8	1.2	15.0	< 0.1	0.6	0.6	1.1
33	Black medick	7.8	0.8	10.0	< 0.1	0.4	0.4	1.0
34	Annual spurge species	8.2	0.4	5.0	< 0.1	0.2	0.2	0.9
35	Clover species	7.8	0.4	5.0	< 0.1	0.2	0.2	0.8
36	Spear-leaved goosefoot	5.8	0.9	15.0	0.1	1.0	1.0	0.8

Field Survey Summary Tables – Oat in Crop District 5A

Table 144. 2014/15 Oat in Crop District 5A in East-Central Saskatchewan (15 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	72.1	30.4	42.1	20.8	28.9	187.0	84.4
2	Canola/rapeseed	45.0	17.6	39.1	3.4	7.5	26.8	26.0
3	Wild buckwheat	65.7	19.6	29.9	1.3	2.0	6.6	24.7
4	Dandelion	44.7	13.4	30.0	1.4	3.1	10.8	18.3
5	Wild oats	27.4	10.3	37.6	1.5	5.6	16.4	14.2
6	Canada thistle	34.8	10.2	29.2	0.6	1.8	3.0	12.8
7	False cleavers	34.8	7.7	22.1	0.5	1.4	2.0	11.0
8	Shepherd's-purse	30.9	6.3	20.3	0.8	2.5	4.8	10.4
9	Barnyard grass species	20.5	6.5	31.7	0.9	4.2	7.4	9.2
10	Broad-leaved plantain	13.8	6.9	50.0	1.1	8.2	12.8	9.1
11	Lamb's-quarters	12.0	6.0	50.0	1.0	8.4	12.2	8.0
12	Wheat	26.2	3.6	13.9	0.3	1.1	3.6	6.9
13	Black medick	13.8	5.5	40.0	0.5	3.6	5.0	6.6
14	Foxtail barley	12.1	4.5	37.2	0.8	6.5	10.4	6.5
15	Barley	13.7	4.1	30.0	0.3	2.0	3.4	5.2
16	Hemp-nettle	20.6	2.1	10.0	0.2	0.8	1.6	4.8
17	Biennial wormwood	10.3	2.6	25.0	0.5	5.2	10.2	4.5
18	Chickweed	13.7	2.8	20.0	0.2	1.6	2.6	4.3
19	Spiny annual sow-thistle	19.0	1.6	8.6	0.1	0.6	1.0	4.2
20	Pineappleweed	6.9	3.1	45.0	0.3	4.2	4.2	3.6
21	American vetch	13.8	1.4	10.0	0.1	0.4	0.6	3.1
22	Perennial sow-thistle	6.9	2.1	30.0	0.1	1.6	1.6	2.5
23	Northern willowherb	6.8	1.7	25.0	0.1	2.0	2.0	2.4
24	Wild mustard	6.9	1.0	15.0	< 0.1	0.6	0.6	1.8
25	Alfalfa	6.9	0.3	5.0	0.1	1.6	1.6	1.6
26	Clover species	5.1	1.0	20.0	0.1	1.0	1.0	1.5
27	Oak-leaved goosefoot	6.9	0.3	5.0	< 0.1	0.6	0.6	1.4
28	Redroot pigweed	5.1	0.8	15.0	< 0.1	0.8	0.8	1.3
29	Kochia	5.1	0.8	15.0	< 0.1	0.6	0.6	1.3
30	Night-flowering catchfly	6.9	0.3	5.0	< 0.1	0.2	0.2	1.3
31	Low cudweed	6.9	0.3	5.0	< 0.1	0.2	0.2	1.3
32	Narrow-leaved hawk's-beard	6.9	0.3	5.0	< 0.1	0.2	0.2	1.3
33	Cattail	6.8	0.3	5.0	< 0.1	0.2	0.2	1.3
34	Round-leaved mallow	6.8	0.3	5.0	< 0.1	0.2	0.2	1.3
35	Flax	6.8	0.3	5.0	< 0.1	0.2	0.2	1.3
36	Stinkweed	5.1	0.3	5.0	< 0.1	0.2	0.2	1.0

Table 145. 2014/15 Canola in Crop District 5A in East-Central Saskatchewan (60 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	46.8	20.3	43.4	7.1	15.3	90.6	38.3
2	Wild oats	59.8	20.1	33.6	3.8	6.4	73.8	30.4
3	Wild buckwheat	68.5	20.1	29.3	1.5	2.2	18.8	25.0
4	Shepherd's-purse	57.8	16.7	28.8	2.7	4.6	47.2	25.0
5	Wheat	37.8	12.6	33.4	3.1	8.2	108.0	21.1
6	Spiny annual sow-thistle	32.1	9.3	29.1	3.0	9.2	67.0	18.1
7	Chickweed	10.1	5.5	54.6	4.2	41.8	138.4	16.6
8	Dandelion	53.2	10.6	19.9	0.7	1.3	4.8	15.3
9	False cleavers	25.8	8.0	31.1	1.2	4.8	36.6	11.6
10	Lamb's-quarters	31.9	6.1	19.0	0.7	2.0	23.0	9.7
11	Canada thistle	41.4	5.0	12.0	0.4	0.9	3.8	9.7
12	Round-leaved mallow	21.4	7.0	32.9	0.7	3.1	17.8	8.7
13	Biennial wormwood	19.4	4.6	23.4	1.0	5.4	47.8	8.2
14	Barnyard grass species	26.4	5.4	20.6	0.5	2.0	10.4	8.2
15	Broad-leaved plantain	17.0	4.9	28.6	0.5	2.7	5.2	6.4
16	Perennial sow-thistle	9.1	3.8	41.8	0.2	2.7	4.4	4.1
17	Low cudweed	6.2	2.4	38.2	0.6	9.4	26.8	3.8
18	Flax	5.3	2.5	46.9	0.4	7.0	13.6	3.2
19	Redroot pigweed	13.2	1.6	12.3	0.1	1.1	3.2	3.2
20	Kochia	3.2	1.8	56.1	0.6	18.0	37.4	3.1
21	Rough cinquefoil	13.6	1.1	8.3	0.1	0.5	2.6	2.7
22	Foxtail barley	5.8	1.4	23.8	0.3	5.7	22.4	2.5
23	Black medick	7.4	1.8	24.6	0.1	1.9	12.2	2.4
24	Canola/rapeseed	3.6	2.1	57.3	0.2	6.8	12.2	2.3
25	Stinkweed	5.5	1.2	21.9	0.2	2.8	4.8	1.9
26	Narrow-leaved hawk's-beard	6.8	1.0	14.2	0.1	1.2	4.4	1.7
27	Northern willowherb	6.9	0.8	11.6	0.1	1.0	1.8	1.6
28	Oak-leaved goosefoot	6.8	0.7	10.6	< 0.1	0.7	1.2	1.5
29	Field violet	1.8	1.2	65.0	0.2	9.6	9.6	1.4
30	Pale smartweed	4.5	0.5	11.0	< 0.1	0.5	1.2	1.0
31	Prostrate knotweed	4.5	0.3	7.0	< 0.1	0.3	0.4	0.9
32	Field pea	3.2	0.5	16.5	< 0.1	1.1	1.8	0.8
33	Annual spurge species	3.2	0.5	15.4	< 0.1	0.7	1.2	0.8
34	Alfalfa	3.2	0.3	10.7	< 0.1	0.5	0.8	0.7
35	Night-flowering catchfly	3.6	0.2	5.0	< 0.1	0.3	0.4	0.6
36	Rayless aster	3.6	0.2	5.0	< 0.1	0.2	0.2	0.6
37	Canada fleabane	3.6	0.2	5.0	< 0.1	0.2	0.2	0.6
38	Field horsetail	1.8	0.4	25.0	< 0.1	2.4	2.4	0.6
39	Wild mustard	3.2	0.2	5.0	< 0.1	0.2	0.2	0.6
40	Lentil	1.9	0.4	20.0	< 0.1	0.8	0.8	0.5
41	Barley	2.3	0.2	9.5	< 0.1	0.7	2.4	0.5
42	Rose species	1.8	0.2	10.0	< 0.1	0.8	0.8	0.4
43	Stork's-bill	1.8	0.2	10.0	< 0.1	0.8	0.8	0.4
44	Absinth	1.8	0.2	10.0	< 0.1	0.4	0.4	0.4
45	Rough hair grass	1.8	0.2	10.0	< 0.1	0.4	0.4	0.4
46	Flixweed	1.3	0.2	15.0	< 0.1	1.0	1.0	0.3
47	Annual brome species	1.8	0.1	5.0	< 0.1	0.6	0.6	0.3
48	Corn	1.9	0.1	5.0	< 0.1	0.2	0.2	0.3
49	Bluebur	1.8	0.1	5.0	< 0.1	0.2	0.2	0.3
50	Goldenrod species	1.8	0.1	5.0	< 0.1	0.2	0.2	0.3
51	Bicknell's geranium	1.8	0.1	5.0	< 0.1	0.2	0.2	0.3
52	American vetch	1.3	0.1	5.0	< 0.1	0.2	0.2	0.2

(Table continued on next page)

Field Survey Summary Tables – Canola in Crop District 5A

Table 145. 2014/15 Canola in Crop District 5A in East-Central Saskatchewan (60 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Purslane speedwell	0.5	0.1	10.0	< 0.1	0.4	0.4	0.1

Table 146. 2014/15 Annual crops in Crop District 5B in East-Central Saskatchewan (180 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Wild oats	55.8	20.4	36.6	4.3	7.8	118.6	45.2
2	Wild buckwheat	70.2	17.5	24.9	1.5	2.2	29.8	30.7
3	Chickweed	23.8	6.9	29.1	2.0	8.3	79.8	18.7
4	Canola/rapeseed	28.6	8.2	28.9	1.2	4.2	41.8	16.2
5	Green foxtail	20.9	6.8	32.4	1.5	7.1	39.6	15.6
6	False cleavers	39.9	8.3	20.8	0.7	1.8	15.0	15.5
7	Canada thistle	44.2	7.2	16.2	0.6	1.4	14.6	14.8
8	Dandelion	36.2	7.6	21.1	0.8	2.1	25.6	14.6
9	Broad-leaved plantain	35.0	6.7	19.2	0.8	2.3	20.4	14.1
10	Hemp-nettle	27.7	6.4	23.1	0.8	3.0	28.0	12.9
11	Perennial sow-thistle	30.1	4.4	14.7	0.3	1.1	13.2	9.3
12	Pale smartweed	26.1	4.1	15.8	0.4	1.7	18.0	9.1
13	Spiny annual sow-thistle	20.8	3.6	17.3	0.3	1.2	7.8	6.9
14	Barnyard grass species	18.8	3.2	16.9	0.3	1.5	11.2	6.5
15	Wheat	12.1	3.4	28.5	0.4	3.6	23.4	6.5
16	Prostrate knotweed	13.6	2.8	20.6	0.3	2.6	15.2	5.8
17	Foxtail barley	14.0	2.2	16.1	0.4	2.7	28.0	5.6
18	Field horsetail	17.9	2.3	12.7	0.2	1.3	9.8	5.5
19	Night-flowering catchfly	15.4	2.5	16.3	0.2	1.6	9.2	5.3
20	Round-leaved mallow	15.2	2.1	13.6	0.2	1.4	10.0	4.8
21	Shepherd's-purse	13.7	2.1	15.1	0.2	1.2	8.2	4.3
22	Black medick	9.9	1.9	19.5	0.2	2.1	14.0	3.9
23	Lamb's-quarters	14.2	1.1	7.9	0.1	0.6	3.6	3.3
24	Clover species	9.2	1.2	13.1	0.1	1.4	22.6	2.9
25	Kochia	6.0	0.7	12.3	0.1	1.9	7.6	2.0
26	Northern willowherb	3.9	0.8	21.2	0.1	2.0	7.6	1.6
27	Stork's-bill	4.9	0.6	12.3	< 0.1	1.0	5.0	1.4
28	Blue grass species	1.1	0.4	37.7	0.2	15.4	31.8	1.4
29	Narrow-leaved hawk's-beard	3.5	0.6	16.9	0.1	2.0	4.2	1.3
30	Pineappleweed	2.7	0.6	22.1	0.1	3.1	6.4	1.2
31	Canada fleabane	4.0	0.5	13.3	< 0.1	1.1	4.8	1.2
32	Annual sow-thistle	1.1	0.5	44.7	0.1	9.3	14.2	1.1
33	Low cudweed	3.2	0.3	10.1	0.1	1.7	4.6	1.0
34	Biennial wormwood	4.5	0.3	6.4	< 0.1	0.4	0.6	1.0
35	Quack grass	3.5	0.4	12.3	< 0.1	0.7	1.2	0.9
36	Oak-leaved goosefoot	3.3	0.4	11.7	< 0.1	1.0	2.4	0.9
37	Wild mustard	3.6	0.3	9.3	< 0.1	0.5	1.8	0.9
38	Rough cinquefoil	2.4	0.3	13.6	< 0.1	1.1	2.4	0.7
39	Flixweed	1.7	0.2	13.7	< 0.1	2.2	6.0	0.6
40	American vetch	1.7	0.2	9.9	< 0.1	0.7	1.8	0.4
41	Barley	1.7	0.1	8.0	< 0.1	0.7	1.0	0.4
42	Scentless chamomile	1.6	0.1	8.3	< 0.1	0.9	1.6	0.4
43	Rayless aster	1.6	0.1	6.7	< 0.1	0.9	1.6	0.4
44	Redroot pigweed	0.5	0.1	25.0	< 0.1	8.0	8.0	0.4
45	Common groundsel	1.8	0.1	6.5	< 0.1	0.5	0.6	0.4
46	Thyme-leaved sandwort	0.5	0.1	20.0	< 0.1	5.0	5.0	0.3
47	Russian thistle	1.1	0.1	12.4	< 0.1	0.8	1.2	0.3
48	Stinkweed	1.2	0.1	9.6	< 0.1	0.4	0.6	0.3
49	Flax	0.5	0.1	25.0	< 0.1	2.8	2.8	0.2
50	Bluebur	0.7	0.1	15.0	< 0.1	2.0	2.0	0.2
51	Rough hair grass	0.5	0.1	25.0	< 0.1	2.6	2.6	0.2
52	Manitoba maple	0.5	0.1	15.0	< 0.1	1.2	1.2	0.2

(Table continued on next page)

Field Survey Summary Tables – Crop District 5B

Table 146. 2014/15 Annual crops in Crop District 5B in East-Central Saskatchewan (180 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Goat's-beard	0.6	0.1	10.6	< 0.1	0.6	0.8	0.2
54	Dog mustard	0.5	0.1	10.0	< 0.1	0.6	0.6	0.1
55	Yellow sweet-clover	0.6	< 0.1	5.0	< 0.1	0.2	0.2	0.1
56	Marsh yellow cress	0.5	< 0.1	5.0	< 0.1	0.6	0.6	0.1
57	Dock species	0.5	< 0.1	5.0	< 0.1	0.4	0.4	0.1
58	Field pea	0.5	< 0.1	5.0	< 0.1	0.2	0.2	0.1
59	Milk-vetch species	0.5	< 0.1	5.0	< 0.1	0.2	0.2	0.1

Table 147. 2014/15 Spring wheat in Crop District 5B in East-Central Saskatchewan (52 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Wild oats	43.1	19.4	45.1	6.0	13.9	118.6	51.2
2	Wild buckwheat	65.7	18.0	27.3	1.6	2.5	14.8	31.4
3	Canola/rapeseed	45.9	12.2	26.6	1.8	4.0	34.6	25.4
4	Canada thistle	61.5	10.8	17.6	0.9	1.4	10.0	21.7
5	Hemp-nettle	40.2	9.6	23.8	1.3	3.2	15.0	19.7
6	Dandelion	41.3	9.3	22.6	0.9	2.2	19.4	17.8
7	Chickweed	26.2	7.6	29.0	1.3	5.0	29.8	16.2
8	Broad-leaved plantain	34.7	7.6	22.0	1.0	2.8	19.6	15.8
9	False cleavers	44.6	6.8	15.3	0.7	1.5	15.0	15.3
10	Perennial sow-thistle	32.1	6.5	20.1	0.6	1.8	13.2	12.6
11	Pale smartweed	29.3	3.1	10.7	0.3	1.1	3.2	8.4
12	Spiny annual sow-thistle	25.6	4.3	16.8	0.2	1.0	3.4	8.4
13	Foxtail barley	9.4	3.6	38.2	0.8	8.8	28.0	8.2
14	Prostrate knotweed	13.5	3.8	28.2	0.5	3.6	15.2	7.3
15	Green foxtail	7.7	3.2	41.3	0.4	5.4	8.8	5.6
16	Field horsetail	18.3	2.4	13.4	0.2	0.9	2.4	5.4
17	Round-leaved mallow	12.6	1.9	14.9	0.3	2.2	10.0	4.7
18	Night-flowering catchfly	13.6	2.1	15.2	0.2	1.5	9.2	4.7
19	Black medick	5.6	2.1	36.4	0.2	3.0	5.8	3.2
20	Lamb's-quarters	9.9	0.7	7.0	<0.1	0.4	0.8	2.2
21	Clover species	6.0	0.7	11.9	0.1	1.1	2.6	1.8
22	Shepherd's-purse	7.6	0.5	6.2	<0.1	0.3	0.6	1.6
23	Biennial wormwood	5.9	0.4	6.8	<0.1	0.3	0.4	1.3
24	Barnyard grass species	6.0	0.3	5.0	<0.1	0.3	0.4	1.2
25	Rough cinquefoil	2.1	0.5	25.0	<0.1	2.4	2.4	0.9
26	Narrow-leaved hawk's-beard	1.8	0.6	35.0	<0.1	2.0	2.0	0.9
27	Pineappleweed	1.9	0.5	25.0	<0.1	2.4	2.4	0.9
28	Northern willowherb	1.9	0.4	20.0	<0.1	1.2	1.2	0.7
29	Low cudweed	1.8	0.1	5.0	<0.1	2.4	2.4	0.6
30	Oak-leaved goosefoot	1.9	0.2	10.0	<0.1	1.0	1.0	0.5
31	Scentsless chamomile	1.9	0.2	10.0	<0.1	0.8	0.8	0.5
32	Barley	1.9	0.1	5.0	<0.1	0.8	0.8	0.4
33	Yellow sweet-clover	2.1	0.1	5.0	<0.1	0.2	0.2	0.4
34	Marsh yellow cress	1.8	0.1	5.0	<0.1	0.6	0.6	0.4
35	Dock species	1.9	0.1	5.0	<0.1	0.4	0.4	0.4
36	Field pea	1.9	0.1	5.0	<0.1	0.2	0.2	0.4
37	Quack grass	1.9	0.1	5.0	<0.1	0.2	0.2	0.4
38	Canada fleabane	1.8	0.1	5.0	<0.1	0.2	0.2	0.4
39	Flixweed	1.8	0.1	5.0	<0.1	0.2	0.2	0.4
40	Wild mustard	1.8	0.1	5.0	<0.1	0.2	0.2	0.4

Field Survey Summary Tables – Barley in Crop District 5

Table 148. 2014/15 Barley in Crop District 5B in East-Central Saskatchewan (20 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Wild oats	76.2	26.0	34.1	5.3	7.0	32.2	43.4
2	Canola/rapeseed	59.6	18.4	30.9	3.5	6.0	41.8	30.7
3	Wild buckwheat	65.5	20.5	31.4	3.0	4.5	29.8	30.7
4	Chickweed	25.4	11.2	44.3	5.2	20.5	77.6	27.7
5	Canada thistle	68.5	11.4	16.7	1.1	1.7	7.4	19.8
6	Hemp-nettle	26.0	11.6	44.8	1.4	5.4	10.2	15.0
7	Green foxtail	34.0	6.3	18.5	0.9	2.6	9.4	11.2
8	False cleavers	25.4	7.8	30.8	0.7	2.9	9.2	10.4
9	Dandelion	34.3	5.9	17.1	0.5	1.4	6.0	9.7
10	Perennial sow-thistle	25.4	5.8	23.0	0.5	1.9	5.2	8.4
11	Broad-leaved plantain	29.5	4.3	14.7	0.5	1.8	6.6	8.3
12	Barnyard grass species	24.5	5.4	22.0	0.5	1.9	5.0	8.0
13	Blue grass species	4.7	3.3	70.0	1.5	31.8	31.8	7.6
14	Pale smartweed	32.7	3.5	10.8	0.3	0.9	3.6	7.5
15	Wheat	14.5	5.4	36.8	0.6	4.1	7.0	7.1
16	Prostrate knotweed	10.6	4.0	37.5	0.9	8.2	13.4	6.7
17	Spiny annual sow-thistle	25.7	3.3	12.8	0.2	0.8	1.8	6.1
18	Clover species	20.1	2.9	14.3	0.4	2.2	6.4	5.9
19	Stork's-bill	16.2	3.2	19.7	0.3	2.1	5.0	5.2
20	Night-flowering catchfly	10.0	3.9	38.6	0.4	4.3	6.6	5.0
21	Foxtail barley	14.5	3.2	21.8	0.3	1.7	4.0	4.6
22	Field horsetail	21.7	1.4	6.4	0.2	0.7	1.2	4.3
23	Round-leaved mallow	14.7	1.5	10.0	0.2	1.5	3.6	3.6
24	Flixweed	5.3	1.6	30.0	0.3	6.0	6.0	2.7
25	Lamb's-quarters	10.8	0.8	7.8	< 0.1	0.3	0.4	2.1
26	Shepherd's-purse	9.4	0.7	7.5	< 0.1	0.3	0.4	1.8
27	Narrow-leaved hawk's-beard	6.1	0.6	10.0	0.2	2.8	2.8	1.8
28	Rough cinquefoil	5.3	0.8	15.0	0.1	1.6	1.6	1.5
29	Wild mustard	5.3	0.8	15.0	0.1	1.0	1.0	1.4
30	Rayless aster	4.9	0.2	5.0	< 0.1	0.8	0.8	0.9
31	Biennial wormwood	4.7	0.2	5.0	< 0.1	0.2	0.2	0.8

Table 149. 2014/15 Oat in Crop District 5B in East-Central Saskatchewan (22 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Wild oats	48.5	14.6	30.1	6.0	12.3	84.4	50.4
2	Green foxtail	25.2	14.1	56.1	3.1	12.5	34.8	32.2
3	Chickweed	15.2	7.3	48.3	4.8	31.5	79.8	31.8
4	Wild buckwheat	53.2	12.8	24.0	1.1	2.1	10.0	27.0
5	Pale smartweed	25.4	6.3	25.0	1.0	3.8	18.0	15.1
6	Broad-leaved plantain	38.8	5.1	13.2	0.5	1.3	5.2	14.4
7	Canada thistle	24.4	5.2	21.5	0.7	2.8	14.6	12.6
8	Barnyard grass species	19.1	5.7	30.0	0.7	3.8	11.2	12.2
9	Canola/rapeseed	13.8	6.5	47.4	0.7	5.2	8.4	11.9
10	Round-leaved mallow	24.5	4.4	17.9	0.4	1.5	4.4	10.4
11	Perennial sow-thistle	20.2	3.9	19.3	0.3	1.7	4.2	9.0
12	Wheat	22.6	3.2	14.1	0.2	1.0	3.0	8.3
13	Foxtail barley	19.8	1.9	9.8	0.4	1.8	3.8	7.3
14	Hemp-nettle	15.3	2.0	13.0	0.3	2.1	28.0	6.2
15	Field horsetail	18.6	1.8	10.0	0.2	1.0	2.4	6.1
16	False cleavers	13.8	2.7	19.8	0.1	1.0	1.6	5.8
17	Clover species	15.5	1.6	10.2	0.2	1.4	22.6	5.5
18	Dandelion	15.8	1.5	9.6	0.1	0.6	1.4	4.9
19	Annual sow-thistle	5.0	2.0	40.0	0.2	5.0	5.0	3.9
20	Spiny annual sow-thistle	14.1	0.9	6.6	< 0.1	0.3	0.4	3.7
21	Quack grass	5.5	1.4	25.0	0.1	1.2	1.2	2.6
22	Prostrate knotweed	10.0	0.5	5.0	< 0.1	0.3	0.4	2.5
23	Night-flowering catchfly	9.4	0.5	5.0	< 0.1	0.3	0.4	2.4
24	Oak-leaved goosefoot	4.6	0.9	20.0	0.1	1.2	1.2	2.0
25	Stork's-bill	5.5	0.8	15.0	< 0.1	0.6	0.6	2.0
26	Shepherd's-purse	4.4	0.7	15.0	0.1	1.6	1.6	1.8
27	Russian thistle	4.4	0.7	15.0	0.1	1.2	1.2	1.7
28	Wild mustard	5.6	0.3	6.1	< 0.1	0.4	1.8	1.5
29	Barley	5.5	0.3	5.0	< 0.1	0.4	0.4	1.4
30	Stinkweed	5.5	0.3	5.0	< 0.1	0.2	0.2	1.4
31	Low cudweed	4.4	0.2	5.0	< 0.1	1.0	1.0	1.3
32	Lamb's-quarters	0.6	0.2	35.0	< 0.1	2.8	2.8	0.4
33	Goat's-beard	0.6	0.1	15.0	< 0.1	0.8	0.8	0.2
34	Blue grass species	0.6	< 0.1	5.0	< 0.1	0.4	0.4	0.2

Field Survey Summary Tables – Canola in Crop District 5B

Table 150. 2014/15 Canola in Crop District 5B in East-Central Saskatchewan (78 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Wild oats	60.0	20.9	34.8	2.5	4.1	26.2	39.7
2	Wild buckwheat	77.1	17.7	23.0	1.3	1.6	13.6	31.9
3	Green foxtail	24.7	7.5	30.2	2.0	8.0	39.6	21.9
4	False cleavers	47.7	11.0	23.2	0.9	1.9	7.0	20.5
5	Dandelion	38.9	8.2	21.2	0.9	2.2	25.6	17.0
6	Broad-leaved plantain	35.3	6.9	19.7	0.8	2.4	20.4	15.5
7	Wheat	17.7	5.6	31.8	0.8	4.4	23.4	11.7
8	Chickweed	22.5	4.7	21.0	0.7	3.0	14.6	11.1
9	Canada thistle	34.1	4.7	13.8	0.4	1.1	5.6	10.6
10	Hemp-nettle	23.3	4.3	18.4	0.6	2.5	26.6	10.1
11	Perennial sow-thistle	32.9	3.1	9.4	0.2	0.5	2.2	7.9
12	Barnyard grass species	25.1	3.7	14.7	0.3	1.1	5.2	7.9
13	Spiny annual sow-thistle	17.8	3.6	20.4	0.3	1.8	7.8	7.3
14	Pale smartweed	17.2	3.7	21.4	0.3	1.9	10.2	7.2
15	Shepherd's-purse	18.8	3.4	18.2	0.3	1.6	8.2	7.0
16	Field horsetail	15.5	2.4	15.7	0.3	2.0	9.8	6.0
17	Black medick	15.3	2.3	15.3	0.3	1.9	14.0	5.8
18	Prostrate knotweed	14.2	2.6	18.5	0.2	1.7	7.0	5.5
19	Lamb's-quarters	21.7	1.8	8.2	0.1	0.7	3.6	5.3
20	Night-flowering catchfly	17.0	2.3	13.3	0.2	1.1	4.2	5.2
21	Canola/rapeseed	11.3	2.3	20.7	0.3	2.5	11.8	5.1
22	Kochia	12.5	1.6	13.1	0.2	2.0	7.6	4.6
23	Foxtail barley	15.6	1.3	8.2	0.1	0.9	2.6	4.1
24	Round-leaved mallow	11.8	1.0	8.2	0.1	0.5	1.4	2.8
25	Northern willowherb	6.4	1.3	20.7	0.1	2.1	7.6	2.7
26	Canada fleabane	8.0	1.2	14.6	0.1	1.2	4.8	2.6
27	Clover species	7.9	1.1	14.4	0.1	1.0	1.8	2.4
28	Narrow-leaved hawk's-beard	5.1	0.8	14.8	0.1	1.7	4.2	1.8
29	Annual sow-thistle	1.2	0.6	50.0	0.2	14.2	14.2	1.7
30	Low cudweed	4.9	0.6	12.6	0.1	1.7	4.6	1.7
31	Oak-leaved goosefoot	5.0	0.5	10.0	0.1	1.0	2.4	1.4
32	Quack grass	5.3	0.5	10.3	< 0.1	0.7	1.2	1.4
33	Pineappleweed	2.5	0.5	19.8	0.1	3.2	4.2	1.2
34	Biennial wormwood	5.2	0.3	6.4	< 0.1	0.5	0.6	1.1
35	Redroot pigweed	1.2	0.3	25.0	0.1	8.0	8.0	1.0
36	Wild mustard	4.2	0.4	9.8	< 0.1	0.4	0.8	1.0
37	American vetch	3.8	0.4	9.9	< 0.1	0.7	1.8	1.0
38	Stork's-bill	4.0	0.3	6.6	< 0.1	0.3	0.4	0.8
39	Thyme-leaved sandwort	1.3	0.3	20.0	0.1	5.0	5.0	0.8
40	Scentless chamomile	2.5	0.2	7.4	< 0.1	0.9	1.6	0.6
41	Flax	1.2	0.3	25.0	< 0.1	2.8	2.8	0.6
42	Rough hair grass	1.2	0.3	25.0	< 0.1	2.6	2.6	0.6
43	Rough cinquefoil	2.7	0.2	7.2	< 0.1	0.3	0.4	0.6
44	Manitoba maple	1.3	0.2	15.0	< 0.1	1.2	1.2	0.4
45	Rayless aster	1.3	0.1	10.0	< 0.1	1.6	1.6	0.4
46	Barley	1.2	0.2	15.0	< 0.1	1.0	1.0	0.4
47	Stinkweed	1.3	0.2	15.0	< 0.1	0.6	0.6	0.4
48	Blue grass species	1.2	0.1	10.0	< 0.1	1.0	1.0	0.3
49	Goat's-beard	1.3	0.1	10.0	< 0.1	0.6	0.6	0.3
50	Dog mustard	1.3	0.1	10.0	< 0.1	0.6	0.6	0.3
51	Russian thistle	1.3	0.1	10.0	< 0.1	0.4	0.4	0.3
52	Flixweed	1.4	0.1	5.0	< 0.1	0.2	0.2	0.3

(Table continued on next page)

Table 150. 2014/15 Canola in Crop District 5B in East-Central Saskatchewan (78 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Milk-vetch species	1.2	0.1	5.0	< 0.1	0.2	0.2	0.2

Field Survey Summary Tables – Crop District 6A

Table 151. 2014/15 Annual crops in Crop District 6A in East-Central Saskatchewan (183 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	72.0	30.8	42.7	11.4	15.8	176.2	50.1
2	Canola/rapeseed	67.1	27.7	41.2	5.1	7.5	105.6	32.9
3	Wild oats	50.9	17.6	34.6	4.5	8.8	96.4	24.9
4	Wild buckwheat	76.4	21.9	28.6	2.0	2.6	38.8	24.0
5	Canada thistle	52.5	11.5	22.0	1.3	2.6	29.4	14.8
6	Lamb's-quarters	40.4	8.4	20.9	1.5	3.8	95.8	12.4
7	Spiny annual sow-thistle	29.1	7.3	25.0	1.2	4.2	49.0	9.7
8	False cleavers	28.7	6.7	23.4	1.0	3.6	30.6	9.0
9	Perennial sow-thistle	25.4	6.3	24.8	0.9	3.5	47.2	8.1
10	Narrow-leaved hawk's-beard	31.0	5.7	18.5	0.7	2.2	14.0	8.0
11	Stinkweed	22.3	5.1	22.8	0.8	3.7	32.2	7.0
12	Kochia	20.9	3.7	17.6	1.1	5.5	128.0	6.9
13	Dandelion	28.5	5.3	18.7	0.4	1.3	7.6	6.7
14	Round-leaved mallow	25.7	5.0	19.3	0.5	2.0	12.6	6.6
15	Flax	11.3	5.1	45.3	1.2	10.4	45.0	6.5
16	Foxtail barley	19.2	4.6	23.8	0.8	4.1	40.2	6.3
17	Shepherd's-purse	18.0	3.6	20.0	1.0	5.3	96.8	6.1
18	Wheat	18.0	4.2	23.3	0.8	4.3	62.2	5.9
19	Barnyard grass species	18.2	3.1	17.2	0.9	4.9	42.6	5.7
20	Annual brome species	8.2	2.7	33.2	0.9	10.5	49.0	4.3
21	Redroot pigweed	13.9	2.3	16.3	0.3	1.8	14.8	3.3
22	Broad-leaved plantain	10.5	1.5	14.8	0.5	4.6	61.4	3.1
23	Wild mustard	6.6	2.7	40.5	0.4	6.2	26.2	3.0
24	Black medick	8.2	1.5	18.4	0.3	4.0	25.2	2.5
25	Northern willowherb	9.4	1.9	19.9	0.2	2.1	21.0	2.4
26	Biennial wormwood	10.1	1.6	16.2	0.2	1.9	6.2	2.4
27	Annual sow-thistle	7.3	2.0	27.3	0.2	2.9	16.2	2.3
28	Pale smartweed	10.1	1.2	11.7	0.2	1.9	10.0	2.2
29	Russian thistle	7.8	1.2	14.8	0.1	1.4	6.8	1.7
30	Annual spurge species	7.6	1.0	12.6	0.1	0.7	3.0	1.5
31	Pennsylvania pellitory	1.1	0.8	75.0	0.4	33.7	58.0	1.4
32	Canada fleabane	5.8	0.8	13.1	0.1	1.5	9.6	1.3
33	Prostrate knotweed	6.4	0.6	9.2	< 0.1	0.5	2.0	1.1
34	Chickweed	2.1	0.7	31.5	0.2	7.7	24.8	0.9
35	Night-flowering catchfly	3.8	0.6	15.5	0.1	2.2	14.8	0.9
36	Rayless aster	3.7	0.8	20.8	0.1	1.5	4.8	0.9
37	Field horsetail	2.7	0.5	18.0	0.1	4.6	18.4	0.9
38	Tumble pigweed	4.9	0.4	7.2	< 0.1	0.4	1.0	0.8
39	Scouring-rush	1.1	0.4	37.5	0.2	15.9	29.4	0.8
40	Prostrate pigweed	3.2	0.4	11.1	< 0.1	0.7	2.8	0.6
41	Scentless chamomile	1.0	0.6	54.3	0.1	6.6	12.0	0.5
42	Stork's-bill	1.7	0.3	18.3	0.1	3.6	10.6	0.5
43	American dragonhead	1.5	0.4	24.1	< 0.1	1.9	5.2	0.4
44	Rough cinquefoil	2.1	0.2	8.7	< 0.1	1.0	3.0	0.4
45	Lentil	1.7	0.3	16.6	< 0.1	1.1	1.6	0.4
46	Flixweed	2.2	0.2	7.4	< 0.1	0.6	1.2	0.4
47	Yellow sweet-clover	1.1	0.4	36.9	< 0.1	2.4	2.6	0.4
48	White mustard	1.1	0.3	27.5	< 0.1	2.4	3.0	0.3
49	Common pepper-grass	2.2	0.1	6.3	< 0.1	0.3	0.4	0.3
50	Oak-leaved goosefoot	1.6	0.2	10.0	< 0.1	1.8	3.4	0.3
51	Oats	0.6	0.2	35.0	0.1	12.8	12.8	0.3
52	Willow species	1.0	0.3	30.0	< 0.1	2.5	4.8	0.3

(Table continued on next page)

Table 151. 2014/15 Annual crops in Crop District 6A in East-Central Saskatchewan (183 fields) (continued)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Alfalfa	1.6	0.2	13.7	<0.1	0.8	1.8	0.3
54	Pineappleweed	1.5	0.2	13.3	<0.1	1.3	2.0	0.3
55	Barley	1.6	0.2	13.2	<0.1	0.6	0.8	0.3
56	Chickpea	0.6	0.3	55.0	<0.1	5.0	5.0	0.3
57	Golden dock	1.0	0.2	22.5	<0.1	2.4	4.2	0.3
58	Rose species	1.6	0.2	10.2	<0.1	0.6	1.2	0.3
59	Cattail	1.7	0.1	5.0	<0.1	0.5	0.8	0.3
60	Spear-leaved goosefoot	1.5	0.1	5.0	<0.1	0.6	1.4	0.2
61	Dock species	1.5	0.1	5.0	<0.1	0.3	0.4	0.2
62	Absinth	1.0	0.1	12.4	<0.1	0.8	1.4	0.2
63	Quack grass	1.1	0.1	10.0	<0.1	0.5	0.6	0.2
64	Prickly lettuce	1.2	0.1	5.0	<0.1	0.3	0.4	0.2
65	Slough grass	1.0	0.1	7.5	<0.1	0.4	0.6	0.2
66	Purslane speedwell	1.0	0.1	7.5	<0.1	0.4	0.6	0.2
67	Dog mustard	1.1	0.1	5.0	<0.1	0.4	0.6	0.2
68	Low cudweed	1.1	0.1	5.0	<0.1	0.2	0.2	0.2
69	Pygmyflower	1.0	0.1	5.0	<0.1	0.6	0.6	0.2
70	American vetch	1.0	0.1	5.0	<0.1	0.2	0.2	0.2
71	Russian pigweed	0.5	0.1	15.0	<0.1	0.6	0.6	0.1
72	Wild licorice	0.5	0.1	10.0	<0.1	1.4	1.4	0.1
73	Persian damel	0.6	<0.1	5.0	<0.1	0.6	0.6	0.1
74	Aster species	0.6	<0.1	5.0	<0.1	0.2	0.2	0.1
75	Cow cockle	0.6	<0.1	5.0	<0.1	0.2	0.2	0.1
76	Blue lettuce	0.5	<0.1	10.0	<0.1	0.4	0.4	0.1
77	Bicknell's geranium	0.5	<0.1	5.0	<0.1	0.2	0.2	0.1
78	Manitoba maple	0.5	<0.1	5.0	<0.1	0.6	0.6	0.1
79	Atriplex species	0.5	<0.1	5.0	<0.1	0.2	0.2	0.1
80	Bluebur	0.5	<0.1	5.0	<0.1	0.2	0.2	0.1
81	Witch grass	0.5	<0.1	5.0	<0.1	0.2	0.2	0.1
82	Hemp-nettle	0.5	<0.1	5.0	<0.1	0.2	0.2	0.1
83	Small-leaved lamb's-quarters	0.5	<0.1	5.0	<0.1	0.2	0.2	0.1

Field Survey Summary Tables – Spring wheat in Crop District 6A

Table 152. 2014/15 Spring wheat in Crop District 6A in East-Central Saskatchewan (54 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	67.6	28.7	42.5	13.7	20.3	114.6	55.6
2	Canola/rapeseed	74.4	26.3	35.4	4.0	5.4	28.4	31.2
3	Wild buckwheat	76.5	20.3	26.5	1.7	2.3	12.6	23.0
4	Wild oats	46.5	16.6	35.7	3.1	6.6	45.0	21.0
5	Canada thistle	65.0	17.4	26.7	1.6	2.5	12.4	19.9
6	False cleavers	35.7	9.2	25.7	1.2	3.5	18.6	11.6
7	Foxtail barley	31.9	6.3	19.7	0.9	2.9	16.0	9.0
8	Narrow-leaved hawk's-beard	32.1	6.2	19.2	0.9	2.7	14.0	8.8
9	Perennial sow-thistle	27.7	6.5	23.5	0.8	2.9	15.6	8.3
10	Spiny annual sow-thistle	27.9	6.6	23.5	0.7	2.4	12.6	8.1
11	Round-leaved mallow	32.7	5.6	17.2	0.6	1.9	10.2	8.0
12	Dandelion	30.5	6.6	21.7	0.5	1.6	7.6	7.9
13	Lamb's-quarters	33.6	5.8	17.2	0.5	1.4	11.6	7.8
14	Flax	11.2	6.0	53.6	1.4	12.5	28.8	7.6
15	Broad-leaved plantain	13.3	2.1	15.9	1.4	10.5	61.4	6.0
16	Kochia	22.7	3.2	14.3	0.3	1.4	5.2	5.0
17	Stinkweed	16.8	2.8	16.4	0.3	1.9	7.2	4.1
18	Pennsylvania pellitory	1.9	1.8	95.0	1.1	58.0	58.0	3.9
19	Biennial wormwood	17.1	2.3	13.8	0.3	1.7	6.2	3.8
20	Redroot pigweed	13.5	2.2	16.1	0.4	2.7	14.8	3.5
21	Barnyard grass species	11.1	1.3	11.8	0.6	5.0	25.8	3.3
22	Shepherd's-purse	9.5	2.6	26.9	0.4	3.9	12.0	3.2
23	Wild mustard	6.6	2.9	44.4	0.3	4.3	7.6	2.9
24	Scouring-rush	3.8	1.4	37.5	0.6	15.9	29.4	2.6
25	Annual brome species	3.6	1.3	37.5	0.6	17.1	23.8	2.6
26	Canada fleabane	10.4	1.7	15.9	0.2	2.0	9.6	2.5
27	Wheat	5.8	2.0	34.3	0.2	4.2	5.8	2.2
28	Russian thistle	11.2	1.3	11.8	0.1	1.0	3.6	2.2
29	Prostrate knotweed	11.1	1.0	9.4	0.1	0.6	2.0	2.0
30	Pale smartweed	9.1	0.9	9.4	0.1	1.4	4.6	1.8
31	Rayless aster	7.2	1.3	17.7	0.1	1.8	4.8	1.8
32	Northern willowherb	9.0	1.2	12.8	0.1	0.6	1.4	1.7
33	Annual spurge species	9.4	1.0	10.7	0.1	0.7	1.8	1.7
34	Chickweed	1.7	1.0	60.0	0.4	24.8	24.8	1.7
35	Black medick	5.4	0.8	15.4	0.1	1.9	3.2	1.3
36	Stork's-bill	3.7	0.8	22.9	0.2	4.9	10.6	1.3
37	Tumble pigweed	7.7	0.5	6.2	<0.1	0.3	0.6	1.2
38	Oats	1.9	0.7	35.0	0.2	12.8	12.8	1.2
39	Chickpea	2.0	1.1	55.0	0.1	5.0	5.0	1.0
40	Annual sow-thistle	3.6	0.6	17.5	<0.1	0.7	1.0	0.8
41	Field horsetail	3.9	0.2	5.0	0.1	1.3	1.4	0.7
42	White mustard	1.9	0.5	25.0	0.1	3.0	3.0	0.6
43	Prickly lettuce	3.9	0.2	5.0	<0.1	0.3	0.4	0.6
44	Night-flowering catchfly	3.7	0.2	5.0	<0.1	0.4	0.6	0.6
45	Purslane speedwell	1.8	0.2	10.0	<0.1	0.6	0.6	0.3
46	Dog mustard	2.0	0.1	5.0	<0.1	0.6	0.6	0.3
47	Persian damel	1.9	0.1	5.0	<0.1	0.6	0.6	0.3
48	Prostrate pigweed	1.9	0.1	5.0	<0.1	0.6	0.6	0.3
49	Low cudweed	1.9	0.1	5.0	<0.1	0.2	0.2	0.3
50	Blue lettuce	1.6	0.2	10.0	<0.1	0.4	0.4	0.3
51	Pygmyflower	1.8	0.1	5.0	<0.1	0.6	0.6	0.3
52	Manitoba maple	1.7	0.1	5.0	<0.1	0.6	0.6	0.3

(Table continued on next page)

Table 152. 2014/15 Spring wheat in Crop District 6A in East-Central Saskatchewan (54 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Absinth	1.8	0.1	5.0	< 0.1	0.2	0.2	0.3
54	Common pepper-grass	1.8	0.1	5.0	< 0.1	0.2	0.2	0.3
55	Willow species	1.8	0.1	5.0	< 0.1	0.2	0.2	0.3
56	Pineappleweed	1.7	0.1	5.0	< 0.1	0.4	0.4	0.3
57	Spear-leaved goosefoot	1.7	0.1	5.0	< 0.1	0.2	0.2	0.2
58	Hemp-nettle	1.7	0.1	5.0	< 0.1	0.2	0.2	0.2
59	Rose species	1.6	0.1	5.0	< 0.1	0.4	0.4	0.2
60	Dock species	1.6	0.1	5.0	< 0.1	0.2	0.2	0.2

Field Survey Summary Tables – Durum in Crop District 6A

Table 153. 2014/15 Durum in Crop District 6A in East-Central Saskatchewan (11 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	91.0	43.7	48.0	11.9	13.1	49.4	51.6
2	Wild oats	64.5	28.5	44.2	8.5	13.2	30.8	35.6
3	Wild buckwheat	100.0	29.0	29.0	2.9	2.9	14.4	29.6
4	Canola/rapeseed	82.0	29.4	35.9	3.9	4.7	17.6	29.4
5	Perennial sow-thistle	45.7	20.9	45.8	5.9	12.9	47.2	25.3
6	Shepherd's-purse	37.1	10.4	28.1	8.8	23.7	96.8	25.2
7	Stinkweed	44.5	15.4	34.6	3.2	7.1	24.2	17.7
8	Lamb's-quarters	82.6	12.3	14.9	1.1	1.3	8.0	16.9
9	Spiny annual sow-thistle	8.4	4.2	50.0	4.1	49.0	49.0	10.5
10	Round-leaved mallow	46.1	5.0	10.9	0.4	0.9	2.0	8.3
11	Canada thistle	45.5	2.3	5.0	0.1	0.3	0.8	6.6
12	Barnyard grass species	27.4	4.6	16.8	0.4	1.6	3.2	6.0
13	Kochia	27.0	3.6	13.3	0.3	1.1	2.6	5.3
14	Annual sow-thistle	18.0	4.5	25.0	0.3	1.9	2.2	4.7
15	Pale smartweed	27.7	2.3	8.4	0.2	0.7	1.2	4.6
16	Dandelion	18.0	4.1	22.5	0.2	1.3	1.4	4.3
17	Alfalfa	18.0	3.2	17.5	0.2	1.1	1.8	3.8
18	False cleavers	9.0	3.6	40.0	0.6	7.0	7.0	3.8
19	Narrow-leaved hawk's-beard	18.0	2.7	15.0	0.1	0.8	1.0	3.5
20	Wild mustard	9.0	1.8	20.0	0.2	1.8	1.8	2.1
21	Flax	9.0	0.9	10.0	< 0.1	0.4	0.4	1.5
22	Cattail	9.0	0.5	5.0	< 0.1	0.4	0.4	1.3
23	Foxtail barley	9.0	0.5	5.0	< 0.1	0.2	0.2	1.3
24	Annual brome species	9.0	0.5	5.0	< 0.1	0.2	0.2	1.3

Table 154. 2014/15 Barley in Crop District 6A in East-Central Saskatchewan (21 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	62.4	21.2	34.0	8.0	12.8	88.6	36.4
2	Canola/rapeseed	67.3	32.7	48.6	5.5	8.1	27.2	36.1
3	Wild oats	48.2	17.8	37.0	3.1	6.5	31.2	21.4
4	Wild buckwheat	63.5	16.7	26.4	1.3	2.1	6.6	18.3
5	Canada thistle	57.5	15.4	26.7	1.6	2.7	13.2	17.6
6	Foxtail barley	38.0	12.2	32.1	2.8	7.4	40.2	16.9
7	Lamb's-quarters	29.4	8.7	29.5	2.9	9.9	51.2	14.5
8	Wheat	14.0	5.9	42.3	3.3	23.8	62.2	12.4
9	False cleavers	24.0	8.0	33.3	1.9	8.1	30.4	11.2
10	Spiny annual sow-thistle	38.2	7.0	18.4	0.6	1.6	7.4	9.3
11	Barnyard grass species	19.3	5.0	25.7	1.8	9.2	29.2	8.9
12	Perennial sow-thistle	24.4	7.0	28.9	0.9	3.9	11.6	8.4
13	Narrow-leaved hawk's-beard	29.8	5.4	18.0	0.8	2.6	8.0	7.8
14	Stinkweed	19.5	6.2	31.8	1.1	5.6	21.2	7.8
15	Wild mustard	10.7	5.9	55.2	1.0	9.5	16.8	6.4
16	Dandelion	23.6	5.4	22.8	0.4	1.7	5.0	6.2
17	Kochia	28.5	3.4	12.1	0.5	1.8	9.4	6.2
18	Round-leaved mallow	23.5	4.7	20.0	0.5	2.2	5.4	6.2
19	Black medick	10.3	3.4	33.1	1.0	10.0	19.2	5.3
20	Shepherd's-purse	23.4	1.9	8.0	0.2	0.8	2.2	4.1
21	Redroot pigweed	14.3	2.8	19.5	0.2	1.4	3.8	3.5
22	Chickweed	9.3	3.0	32.5	0.4	3.8	7.4	3.3
23	Biennial wormwood	9.7	2.7	27.6	0.3	2.8	4.2	3.0
24	Broad-leaved plantain	14.3	1.6	11.5	0.1	0.7	1.4	2.7
25	American dragonhead	4.7	2.8	60.0	0.2	5.2	5.2	2.4
26	Flax	5.4	2.4	45.0	0.1	2.4	2.4	2.1
27	Prostrate pigweed	14.0	0.7	5.0	<0.1	0.2	0.2	2.0
28	Annual brome species	9.1	0.5	5.0	0.2	2.3	4.4	1.8
29	Rose species	4.8	1.0	20.0	0.1	1.2	1.2	1.1
30	Scentless chamomile	4.7	0.9	20.0	0.1	1.4	1.4	1.1
31	Stork's-bill	5.4	0.5	10.0	0.1	1.2	1.2	1.0
32	Russian pigweed	4.6	0.7	15.0	<0.1	0.6	0.6	0.9
33	Quack grass	4.8	0.5	10.0	<0.1	0.6	0.6	0.9
34	Spear-leaved goosefoot	4.6	0.2	5.0	0.1	1.4	1.4	0.8
35	Prostrate knotweed	4.6	0.5	10.0	<0.1	0.4	0.4	0.8
36	Annual spurge species	4.6	0.5	10.0	<0.1	0.4	0.4	0.8
37	Canada fleabane	5.0	0.3	5.0	<0.1	0.2	0.2	0.7
38	Northern willowherb	5.0	0.3	5.0	<0.1	0.2	0.2	0.7
39	Russian thistle	4.7	0.2	5.0	<0.1	0.4	0.4	0.7
40	Rough cinquefoil	4.8	0.2	5.0	<0.1	0.2	0.2	0.7
41	Flixweed	4.8	0.2	5.0	<0.1	0.2	0.2	0.7
42	Night-flowering catchfly	4.7	0.2	5.0	<0.1	0.2	0.2	0.7
43	Bicknell's geranium	4.7	0.2	5.0	<0.1	0.2	0.2	0.7
44	Common pepper-grass	4.7	0.2	5.0	<0.1	0.2	0.2	0.7
45	Rayless aster	4.6	0.2	5.0	<0.1	0.2	0.2	0.7
46	Dog mustard	4.6	0.2	5.0	<0.1	0.2	0.2	0.7
47	Pale smartweed	4.6	0.2	5.0	<0.1	0.2	0.2	0.7
48	Atriplex species	4.6	0.2	5.0	<0.1	0.2	0.2	0.7
49	Dock species	4.6	0.2	5.0	<0.1	0.2	0.2	0.7
50	Field horsetail	4.4	0.2	5.0	<0.1	0.2	0.2	0.6
51	Small-leaved lamb's-quarters	4.4	0.2	5.0	<0.1	0.2	0.2	0.6

Field Survey Summary Tables – Oat in Crop District 6A

Table 155. 2014/15 Oat in Crop District 6A in East-Central Saskatchewan (11 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	83.7	63.1	75.4	37.6	45.0	176.2	96.0
2	Wild oats	80.5	33.3	41.3	5.5	6.9	22.6	33.7
3	Wild buckwheat	66.1	31.2	47.2	2.3	3.5	9.4	25.9
4	Canola/rapeseed	35.8	18.2	50.9	7.2	20.1	65.6	23.7
5	Lamb's-quarters	28.3	20.3	71.7	3.3	11.5	16.6	17.5
6	Canada thistle	46.5	12.6	27.2	3.2	7.0	29.4	16.7
7	Perennial sow-thistle	36.4	4.0	10.9	0.3	0.7	1.8	7.1
8	Dandelion	38.4	3.4	8.8	0.2	0.6	1.2	7.0
9	Narrow-leaved hawk's-beard	37.8	1.9	5.0	0.1	0.3	0.8	6.1
10	Barnyard grass species	17.6	4.4	25.0	1.2	6.6	9.4	6.1
11	Stinkweed	29.0	3.4	11.6	0.4	1.4	2.6	6.0
12	Redroot pigweed	18.9	4.2	22.5	0.5	2.7	4.8	5.2
13	Pennsylvania pellitory	9.4	5.2	55.0	0.9	9.4	9.4	4.9
14	Russian thistle	9.4	3.8	40.0	0.6	6.8	6.8	3.9
15	Spiny annual sow-thistle	18.9	1.9	10.0	0.1	0.5	0.8	3.5
16	Foxtail barley	19.5	1.4	7.4	0.1	0.3	0.4	3.4
17	Annual sow-thistle	9.4	3.3	35.0	0.2	2.2	2.2	3.0
18	Yellow sweet-clover	8.1	3.7	45.0	0.2	2.6	2.6	3.0
19	Wild mustard	9.4	1.9	20.0	0.5	5.0	5.0	2.8
20	White mustard	9.4	2.8	30.0	0.2	1.8	1.8	2.8
21	Shepherd's-purse	9.4	2.4	25.0	0.1	1.4	1.4	2.5
22	Northern willowherb	10.1	1.0	10.0	< 0.1	0.4	0.4	1.9
23	Flixweed	9.4	0.9	10.0	0.1	0.8	0.8	1.8
24	Canada fleabane	9.4	0.9	10.0	0.1	0.6	0.6	1.8
25	Common pepper-grass	9.4	0.9	10.0	< 0.1	0.4	0.4	1.7
26	Wheat	8.2	0.8	10.0	0.1	1.8	1.8	1.7
27	Night-flowering catchfly	10.1	0.5	5.0	< 0.1	0.2	0.2	1.6
28	False cleavers	10.1	0.5	5.0	< 0.1	0.2	0.2	1.6
29	Cow cockle	9.4	0.5	5.0	< 0.1	0.2	0.2	1.5
30	Broad-leaved plantain	9.4	0.5	5.0	< 0.1	0.2	0.2	1.5
31	Rose species	9.4	0.5	5.0	< 0.1	0.2	0.2	1.5
32	American vetch	9.4	0.5	5.0	< 0.1	0.2	0.2	1.5
33	Black medick	8.1	0.4	5.0	< 0.1	0.2	0.2	1.3

Table 156. 2014/15 Canola in Crop District 6A in East-Central Saskatchewan (56 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	69.1	25.9	37.5	6.7	9.8	61.2	39.1
2	Canola/rapeseed	52.9	25.3	47.9	5.4	10.3	105.6	33.4
3	Wild buckwheat	83.3	23.0	27.7	2.4	2.9	38.8	28.2
4	Wild oats	43.1	13.6	31.6	5.4	12.6	96.4	26.3
5	Flax	18.7	9.7	51.6	2.4	12.8	45.0	13.4
6	Kochia	19.7	5.6	28.6	3.1	15.8	128.0	13.4
7	Spiny annual sow-thistle	27.1	9.1	33.7	1.8	6.7	40.4	12.7
8	Lamb's-quarters	45.0	7.8	17.3	0.7	1.6	9.2	11.4
9	Wheat	32.0	8.0	25.0	1.0	3.0	10.8	10.5
10	False cleavers	35.1	6.7	19.1	1.1	3.0	30.6	10.5
11	Canada thistle	40.4	6.8	16.9	0.7	1.8	19.8	10.4
12	Dandelion	35.8	5.6	15.5	0.3	0.9	7.0	8.1
13	Round-leaved mallow	22.8	5.6	24.6	0.7	3.0	12.6	7.4
14	Stinkweed	27.3	4.9	17.8	0.5	1.8	7.4	7.1
15	Annual brome species	8.9	3.9	43.5	1.1	12.7	49.0	6.0
16	Northern willowherb	14.4	4.2	29.4	0.5	3.8	21.0	5.3
17	Barnyard grass species	19.9	3.3	16.5	0.4	2.2	6.4	5.3
18	Shepherd's-purse	21.1	3.1	14.6	0.3	1.6	12.8	5.1
19	Narrow-leaved hawk's-beard	16.1	2.2	13.6	0.2	1.2	3.2	3.6
20	Annual sow-thistle	9.3	2.8	29.8	0.4	4.4	16.2	3.6
21	Perennial sow-thistle	12.6	2.7	21.3	0.2	2.0	5.2	3.6
22	Foxtail barley	7.2	2.8	38.7	0.4	5.1	12.8	3.2
23	Redroot pigweed	13.0	1.6	12.6	0.1	0.8	1.4	2.7
24	Biennial wormwood	9.3	1.7	18.7	0.2	2.0	6.0	2.5
25	Broad-leaved plantain	10.8	1.5	14.0	0.1	0.8	1.4	2.3
26	Night-flowering catchfly	3.6	1.5	41.3	0.2	6.8	14.8	1.8
27	Field horsetail	1.9	1.3	65.0	0.4	18.4	18.4	1.8
28	Russian thistle	7.6	1.1	14.9	0.1	1.2	3.4	1.8
29	Black medick	8.7	0.9	9.9	0.1	1.0	3.8	1.7
30	Scentless chamomile	1.6	1.5	90.0	0.2	12.0	12.0	1.4
31	Pale smartweed	5.0	1.0	20.5	0.1	1.6	3.2	1.3
32	Tumble pigweed	6.7	0.5	7.5	< 0.1	0.5	1.0	1.2
33	Rayless aster	3.4	1.2	35.0	0.1	1.7	2.8	1.2
34	Prostrate knotweed	5.3	0.6	11.3	< 0.1	0.5	0.8	1.0
35	Golden dock	3.4	0.8	22.5	0.1	2.4	4.2	1.0
36	Lentil	3.7	0.6	17.5	0.1	1.4	1.6	0.9
37	Willow species	1.7	0.9	55.0	0.1	4.8	4.8	0.9
38	Annual spurge species	5.1	0.3	6.5	< 0.1	0.3	0.4	0.8
39	Oak-leaved goosefoot	3.4	0.3	10.0	0.1	2.2	3.4	0.8
40	Rough cinquefoil	3.4	0.3	10.0	0.1	1.7	3.0	0.7
41	Wild mustard	1.9	0.8	40.0	< 0.1	2.0	2.0	0.7
42	Canada fleabane	3.4	0.3	10.0	< 0.1	0.4	0.6	0.6
43	Cattail	3.6	0.2	5.0	< 0.1	0.6	0.8	0.6
44	Slough grass	3.4	0.3	7.5	< 0.1	0.4	0.6	0.6
45	American dragonhead	3.2	0.2	5.0	< 0.1	0.2	0.2	0.5
46	Absinth	1.6	0.3	20.0	< 0.1	1.4	1.4	0.4
47	Pineappleweed	1.6	0.2	15.0	< 0.1	2.0	2.0	0.4
48	Quack grass	1.7	0.2	10.0	< 0.1	0.4	0.4	0.3
49	Flixweed	1.9	0.1	5.0	< 0.1	0.4	0.4	0.3
50	Chickweed	1.8	0.1	5.0	< 0.1	0.2	0.2	0.3
51	Low cudweed	1.8	0.1	5.0	< 0.1	0.2	0.2	0.3
52	Pygmyflower	1.7	0.1	5.0	< 0.1	0.6	0.6	0.3

(Table continued on next page)

Field Survey Summary Tables – Canola in Crop District 6A

Table 156. 2014/15 Canola in Crop District 6A in East-Central Saskatchewan (56 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Spear-leaved goosefoot	1.7	0.1	5.0	< 0.1	0.2	0.2	0.3
54	Prostrate pigweed	1.7	0.1	5.0	< 0.1	0.2	0.2	0.3
55	Purslane speedwell	1.7	0.1	5.0	< 0.1	0.2	0.2	0.3
56	Bluebur	1.6	0.1	5.0	< 0.1	0.2	0.2	0.3

Table 157. 2014/15 Lentil in Crop District 6A in East-Central Saskatchewan (11 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Canola/rapeseed	90.3	37.0	40.9	9.9	10.9	45.0	56.9
2	Green foxtail	73.7	23.8	32.3	4.9	6.6	20.0	34.4
3	Wild buckwheat	73.7	27.7	37.6	2.4	3.2	7.4	29.3
4	Wild oats	44.5	14.7	33.0	2.3	5.2	16.8	19.2
5	Narrow-leaved hawk's-beard	45.2	14.5	32.0	1.9	4.1	6.2	17.8
6	Annual brome species	27.1	9.6	35.5	2.5	9.3	25.4	15.1
7	Barnyard grass species	9.2	3.2	35.0	3.9	42.6	42.6	13.7
8	Canada thistle	45.2	8.7	19.3	1.2	2.6	13.0	13.1
9	Lamb's-quarters	44.5	7.8	17.4	0.7	1.7	4.2	11.3
10	Spiny annual sow-thistle	46.4	4.6	10.0	0.2	0.4	1.0	8.4
11	Perennial sow-thistle	27.1	6.4	23.5	0.5	1.7	2.6	7.8
12	False cleavers	16.8	5.6	33.1	0.9	5.2	10.2	7.2
13	Shepherd's-purse	18.5	4.6	25.0	0.8	4.4	7.8	6.8
14	Kochia	27.1	3.1	11.6	0.2	0.6	1.0	5.3
15	Dandelion	16.2	4.6	28.4	0.3	1.7	3.0	5.0
16	Stinkweed	9.2	3.2	35.0	0.5	5.6	5.6	4.2
17	Russian thistle	18.5	2.8	15.0	0.1	0.7	1.2	4.0
18	Northern willowherb	18.5	2.3	12.5	0.2	0.9	1.6	3.8
19	Pale smartweed	9.2	1.4	15.0	0.7	7.6	7.6	3.8
20	Prostrate pigweed	9.2	3.7	40.0	0.3	2.8	2.8	3.7
21	Annual sow-thistle	9.2	2.8	30.0	0.2	2.2	2.2	3.1
22	Wheat	18.9	0.9	5.0	0.1	0.5	0.8	3.0
23	Foxtail barley	9.7	1.0	10.0	0.5	5.0	5.0	3.0
24	Annual spurge species	16.8	1.3	7.7	0.1	0.5	0.8	2.9
25	Round-leaved mallow	16.8	0.8	5.0	0.1	0.3	0.4	2.6
26	Biennial wormwood	9.2	0.9	10.0	0.2	1.8	1.8	2.0
27	Black medick	9.9	1.0	10.0	0.1	0.6	0.6	1.9
28	Oak-leaved goosefoot	9.2	0.9	10.0	0.1	1.0	1.0	1.8
29	Barley	9.2	0.9	10.0	< 0.1	0.4	0.4	1.7
30	Flax	9.2	0.5	5.0	0.1	1.0	1.0	1.6
31	Broad-leaved plantain	9.9	0.5	5.0	< 0.1	0.2	0.2	1.5
32	Common pepper-grass	9.2	0.5	5.0	< 0.1	0.2	0.2	1.4
33	Redroot pigweed	8.6	0.4	5.0	< 0.1	0.4	0.4	1.4
34	American vetch	7.6	0.4	5.0	< 0.1	0.2	0.2	1.2

Field Survey Summary Tables – Crop District 6B

Table 158. 2014/15 Annual crops in Crop District 6B in West-Central Saskatchewan (140 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	65.9	34.5	52.4	19.8	30.1	261.4	62.9
2	Canola/rapeseed	67.0	28.5	42.6	6.6	9.8	207.0	34.9
3	Wild buckwheat	66.7	20.4	30.7	2.2	3.3	36.2	22.6
4	Wild oats	53.3	17.4	32.6	3.6	6.7	77.4	22.1
5	Narrow-leaved hawk's-beard	39.6	11.3	28.4	3.3	8.4	184.4	16.9
6	Spiny annual sow-thistle	33.6	10.1	30.1	2.2	6.4	56.0	13.3
7	Barnyard grass species	23.1	7.1	30.8	2.4	10.5	96.0	11.0
8	Canada thistle	45.7	6.3	13.8	0.6	1.3	17.4	10.1
9	Lamb's-quarters	32.4	7.2	22.2	1.0	2.9	21.4	9.4
10	Wheat	22.7	7.2	31.9	0.9	4.1	26.2	8.2
11	Kochia	19.2	3.2	16.7	0.7	3.7	52.8	5.4
12	Dandelion	18.7	3.5	18.6	0.6	3.3	64.2	5.3
13	Stinkweed	18.4	3.7	20.2	0.5	2.8	23.8	5.1
14	Perennial sow-thistle	19.2	3.0	15.8	0.3	1.4	11.8	4.5
15	False cleavers	11.1	4.4	39.8	0.5	4.1	12.4	4.4
16	Shepherd's-purse	13.8	2.7	19.9	0.3	2.2	12.8	3.7
17	Northern willowherb	17.2	2.2	12.5	0.2	1.1	5.8	3.6
18	Canada fleabane	14.0	2.3	16.6	0.2	1.5	7.6	3.3
19	Redroot pigweed	10.0	2.4	24.4	0.4	3.7	12.2	3.2
20	Foxtail barley	9.8	2.0	20.1	0.3	3.4	24.6	2.8
21	Annual spurge species	10.5	1.8	17.0	0.3	2.9	28.6	2.8
22	Low cudweed	7.1	1.4	20.4	0.6	8.6	38.6	2.8
23	Tumble pigweed	11.8	1.8	15.2	0.2	1.3	11.4	2.7
24	Round-leaved mallow	12.0	1.2	10.3	0.1	0.7	2.8	2.3
25	Annual sow-thistle	4.3	2.0	46.6	0.3	7.6	17.4	2.1
26	Barley	4.4	1.8	41.9	0.3	7.8	26.4	2.1
27	Biennial wormwood	10.0	1.2	12.3	0.1	1.2	9.4	2.1
28	Lentil	5.3	1.6	31.1	0.1	2.8	9.0	1.7
29	Pale smartweed	6.6	1.2	17.7	0.1	1.9	6.8	1.7
30	Annual brome species	2.5	0.8	31.1	0.5	19.3	47.0	1.7
31	Purslane speedwell	5.7	1.0	17.8	0.2	3.4	22.2	1.6
32	Russian thistle	6.6	1.1	16.8	0.1	1.5	11.2	1.6
33	Black medick	2.3	0.9	40.1	0.3	14.8	41.2	1.4
34	Alfalfa	2.6	1.0	37.0	0.3	10.4	35.0	1.3
35	White mustard	0.7	0.7	100.0	0.5	64.2	64.2	1.3
36	Flax	1.6	0.9	60.9	0.3	17.0	28.0	1.2
37	Wild mustard	3.9	1.0	26.3	0.1	2.1	7.4	1.1
38	Prostrate pigweed	4.2	0.7	15.8	0.1	1.5	3.8	1.0
39	Pygmyflower	5.0	0.5	10.9	<0.1	0.9	4.2	1.0
40	Hemp-nettle	3.3	0.8	24.0	0.1	1.8	4.4	0.9
41	Yellow sweet-clover	0.6	0.6	100.0	0.3	43.4	43.4	0.9
42	Chickweed	2.0	0.5	25.0	0.2	9.3	26.8	0.9
43	Willow species	4.6	0.4	9.4	<0.1	0.5	1.4	0.8
44	Marsh yellow cress	3.9	0.4	11.5	<0.1	0.7	1.8	0.8
45	Prostrate knotweed	3.6	0.4	12.1	<0.1	0.8	2.0	0.7
46	Purslane	1.2	0.3	22.5	0.2	15.9	31.6	0.7
47	Golden dock	3.5	0.3	9.9	<0.1	0.7	1.8	0.7
48	Scouring-rush	2.5	0.4	15.8	0.1	2.5	7.4	0.6
49	American vetch	3.9	0.2	5.8	<0.1	0.3	0.6	0.6
50	Common pepper-grass	3.4	0.3	9.5	<0.1	0.5	1.6	0.6
51	Broad-leaved plantain	2.6	0.4	14.8	<0.1	1.3	4.2	0.6
52	Goat's-beard	2.4	0.3	11.7	<0.1	0.7	1.2	0.5

(Table continued on next page)

Table 158. 2014/15 Annual crops in Crop District 6B in West-Central Saskatchewan (140 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Night-flowering catchfly	2.2	0.2	10.2	<0.1	0.6	1.2	0.4
54	Rayless aster	2.3	0.2	9.4	<0.1	0.5	0.8	0.4
55	Siberian elm	2.1	0.2	10.1	<0.1	0.7	1.6	0.4
56	Flixweed	2.1	0.1	6.6	<0.1	0.4	0.8	0.4
57	Quack grass	1.3	0.1	7.7	<0.1	1.9	2.6	0.3
58	Scentless chamomile	0.6	0.1	25.0	<0.1	6.6	6.6	0.2
59	Rough cinquefoil	1.3	0.1	5.0	<0.1	0.3	0.4	0.2
60	Field horsetail	1.3	0.1	5.0	<0.1	0.3	0.4	0.2
61	Oak-leaved goosefoot	0.7	0.2	25.0	<0.1	2.8	2.8	0.2
62	Rose species	1.2	0.1	5.0	<0.1	0.4	0.6	0.2
63	Smooth brome	0.9	<0.1	5.0	<0.1	1.0	1.0	0.2
64	Skeletonweed	0.6	0.1	20.0	<0.1	1.2	1.2	0.2
65	Persian damel	0.8	<0.1	5.0	<0.1	0.4	0.4	0.1
66	Prickly lettuce	0.8	<0.1	5.0	<0.1	0.2	0.2	0.1
67	Poplar species	0.7	0.1	10.0	<0.1	0.4	0.4	0.1
68	Clover species	0.7	<0.1	5.0	<0.1	0.4	0.4	0.1
69	Meadow brome	0.7	<0.1	5.0	<0.1	0.8	0.8	0.1
70	Dock species	0.7	<0.1	5.0	<0.1	0.2	0.2	0.1
71	Blue lettuce	0.6	<0.1	5.0	<0.1	1.4	1.4	0.1
72	Field pea	0.7	<0.1	5.0	<0.1	0.2	0.2	0.1
73	Beggarticks species	0.7	<0.1	5.0	<0.1	0.2	0.2	0.1
74	Cattail	0.7	<0.1	5.0	<0.1	0.6	0.6	0.1
75	Pineappleweed	0.6	<0.1	5.0	<0.1	0.2	0.2	0.1
76	Sedge species	0.6	<0.1	5.0	<0.1	0.2	0.2	0.1

Field Survey Summary Tables – Spring wheat in Crop District 6B

Table 159. 2014/15 Spring wheat in Crop District 6B in West-Central Saskatchewan (48 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	70.1	42.9	61.2	27.2	38.8	239.6	66.8
2	Canola/rapeseed	64.8	23.8	36.7	9.0	13.9	207.0	31.6
3	Wild buckwheat	72.4	22.5	31.1	2.5	3.5	36.2	22.7
4	Wild oats	50.4	19.8	39.3	4.4	8.7	77.4	21.5
5	Spiny annual sow-thistle	47.8	16.0	33.5	5.2	10.8	56.0	20.5
6	Barnyard grass species	25.5	11.3	44.3	4.9	19.0	96.0	15.2
7	Narrow-leaved hawk's-beard	38.5	7.7	20.1	4.6	12.0	184.4	14.8
8	Canada thistle	54.0	8.4	15.5	0.9	1.6	17.4	11.7
9	False cleavers	17.4	7.7	44.1	0.8	4.9	11.0	6.8
10	Northern willowherb	21.9	3.7	17.0	0.3	1.6	5.8	4.9
11	Foxtail barley	14.3	4.1	28.6	0.9	6.3	24.6	4.9
12	Dandelion	21.5	3.8	17.8	0.3	1.2	6.0	4.8
13	Shepherd's-purse	21.0	3.5	16.6	0.3	1.5	4.8	4.6
14	Low cudweed	11.4	2.6	22.3	1.4	12.0	38.6	4.5
15	Canada fleabane	20.2	3.2	16.0	0.4	1.8	7.6	4.5
16	Lamb's-quarters	23.5	2.4	10.1	0.3	1.4	9.4	4.4
17	Annual spurge species	14.9	2.9	19.5	0.7	5.0	28.6	4.2
18	Annual sow-thistle	6.3	4.0	63.1	0.8	12.9	17.4	3.7
19	Stinkweed	14.8	2.8	18.9	0.3	1.8	10.4	3.5
20	Round-leaved mallow	18.2	2.1	11.6	0.1	0.7	2.0	3.4
21	White mustard	2.1	2.1	100.0	1.4	64.2	64.2	3.1
22	Annual brome species	2.8	1.5	55.0	1.3	47.0	47.0	2.9
23	Perennial sow-thistle	13.6	1.2	8.6	0.1	0.7	1.2	2.3
24	Lentil	6.4	2.5	39.4	0.2	3.7	9.0	2.3
25	Tumble pigweed	11.8	1.5	12.9	0.1	0.8	2.8	2.3
26	Pale smartweed	7.4	2.0	26.7	0.2	3.3	6.8	2.2
27	Hemp-nettle	8.0	1.7	21.3	0.1	1.6	4.4	1.9
28	Kochia	10.7	1.0	9.2	< 0.1	0.5	0.6	1.8
29	Broad-leaved plantain	7.8	1.2	14.8	0.1	1.3	4.2	1.6
30	Redroot pigweed	5.8	1.0	17.6	0.2	3.8	10.4	1.5
31	Pygmyflower	8.7	0.7	7.8	< 0.1	0.4	0.6	1.4
32	Marsh yellow cress	5.6	0.7	11.6	< 0.1	0.7	0.8	1.0
33	Wheat	2.1	1.4	65.0	0.1	5.6	5.6	1.0
34	Golden dock	5.9	0.6	10.1	< 0.1	0.5	1.2	1.0
35	Willow species	4.1	0.7	17.3	< 0.1	1.0	1.4	0.9
36	Rayless aster	4.8	0.5	11.3	< 0.1	0.6	0.8	0.9
37	Purslane speedwell	4.2	0.4	9.7	0.1	1.4	2.0	0.8
38	Biennial wormwood	4.5	0.5	10.0	< 0.1	0.4	0.4	0.8
39	Alfalfa	2.1	0.9	45.0	0.1	3.2	3.2	0.8
40	Quack grass	3.9	0.3	7.7	0.1	1.9	2.6	0.7
41	Flixweed	4.3	0.3	7.4	< 0.1	0.5	0.8	0.7
42	Chickweed	4.0	0.4	10.0	< 0.1	0.6	1.0	0.7
43	Prostrate knotweed	4.5	0.2	5.0	< 0.1	0.7	1.0	0.7
44	Prostrate pigweed	4.1	0.3	7.6	< 0.1	0.7	1.0	0.7
45	Russian thistle	4.5	0.2	5.0	< 0.1	0.2	0.2	0.7
46	Common pepper-grass	4.0	0.3	7.3	< 0.1	0.3	0.4	0.6
47	Siberian elm	4.1	0.2	5.0	< 0.1	0.2	0.2	0.6
48	Scentless chamomile	1.8	0.4	25.0	0.1	6.6	6.6	0.6
49	Oak-leaved goosefoot	2.0	0.5	25.0	0.1	2.8	2.8	0.6
50	Wild mustard	2.2	0.4	20.0	< 0.1	1.2	1.2	0.5
51	Smooth brome	2.8	0.1	5.0	< 0.1	1.0	1.0	0.4
52	Scouring-rush	1.8	0.3	15.0	< 0.1	1.6	1.6	0.4

(Table continued on next page)

Table 159. 2014/15 Spring wheat in Crop District 6B in West-Central Saskatchewan (48 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Persian damel	2.4	0.1	5.0	< 0.1	0.4	0.4	0.4
54	Field pea	2.1	0.1	5.0	< 0.1	0.2	0.2	0.3
55	Beggarticks species	2.1	0.1	5.0	< 0.1	0.2	0.2	0.3
56	Rough cinquefoil	2.0	0.1	5.0	< 0.1	0.4	0.4	0.3
57	Pineappleweed	1.8	0.1	5.0	< 0.1	0.2	0.2	0.3
58	Sedge species	1.8	0.1	5.0	< 0.1	0.2	0.2	0.3
59	Rose species	1.8	0.1	5.0	< 0.1	0.2	0.2	0.3
60	American vetch	1.8	0.1	5.0	< 0.1	0.2	0.2	0.3

Field Survey Summary Tables – Barley in Crop District 6B

Table 160. 2014/15 Barley in Crop District 6B in West-Central Saskatchewan (14 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	72.2	34.4	47.7	36.0	49.8	261.4	77.8
2	Canola/rapeseed	87.0	45.7	52.4	9.0	10.4	28.8	48.7
3	Wild oats	72.2	10.6	14.7	1.5	2.0	10.8	18.1
4	Narrow-leaved hawk's-beard	36.7	13.2	35.9	3.6	9.9	27.4	17.2
5	Wild buckwheat	55.8	10.4	18.7	0.7	1.3	3.4	14.5
6	Redroot pigweed	26.8	9.9	36.9	1.6	6.1	12.2	11.2
7	Dandelion	6.9	6.9	100.0	4.4	64.2	64.2	10.7
8	Kochia	14.9	3.5	23.4	4.3	28.6	52.8	9.8
9	Black medick	8.0	8.0	100.0	3.3	41.2	41.2	9.8
10	Lamb's-quarters	35.8	6.8	19.0	0.6	1.7	7.2	9.6
11	Spiny annual sow-thistle	22.9	5.4	23.7	0.8	3.5	7.0	7.2
12	Alfalfa	6.9	5.5	80.0	2.4	35.0	35.0	7.2
13	Wheat	13.1	7.5	57.5	0.7	5.2	9.2	6.7
14	Canada thistle	28.3	2.5	8.7	0.2	0.7	2.2	5.7
15	Purslane	6.1	2.4	40.0	1.9	31.6	31.6	4.8
16	Barnyard grass species	21.8	1.4	6.6	0.2	0.9	1.8	4.2
17	Prostrate pigweed	13.8	3.4	25.0	0.3	2.0	3.8	4.2
18	Tumble pigweed	13.5	3.4	25.4	0.2	1.5	2.6	4.0
19	Perennial sow-thistle	14.9	1.1	7.7	0.1	0.4	0.6	2.9
20	Stinkweed	13.8	1.0	7.5	0.1	0.5	0.6	2.7
21	Pygmyflower	6.9	2.1	30.0	0.3	4.2	4.2	2.5
22	Night-flowering catchfly	8.0	1.2	15.0	0.1	1.2	1.2	1.9
23	Annual spurge species	6.9	1.4	20.0	0.1	0.8	0.8	1.8
24	Annual brome species	8.0	0.8	10.0	0.1	0.8	0.8	1.7
25	Pale smartweed	8.0	0.8	10.0	<0.1	0.4	0.4	1.6
26	Russian thistle	6.9	1.0	15.0	0.1	0.8	0.8	1.6
27	Purslane speedwell	8.0	0.4	5.0	<0.1	0.6	0.6	1.4
28	Round-leaved mallow	6.9	0.7	10.0	<0.1	0.4	0.4	1.4
29	Willow species	6.9	0.7	10.0	<0.1	0.4	0.4	1.4
30	Shepherd's-purse	8.0	0.4	5.0	<0.1	0.2	0.2	1.4
31	Biennial wormwood	8.0	0.4	5.0	<0.1	0.2	0.2	1.4
32	Lentil	7.3	0.4	5.0	<0.1	0.2	0.2	1.3
33	Meadow brome	6.9	0.3	5.0	0.1	0.8	0.8	1.3
34	Foxtail barley	6.9	0.3	5.0	<0.1	0.2	0.2	1.2
35	Northern willowherb	6.9	0.3	5.0	<0.1	0.2	0.2	1.2

Table 161. 2014/15 Canola in Crop District 6B in West-Central Saskatchewan (40 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	51.9	27.1	52.2	10.7	20.7	170.6	48.6
2	Canola/rapeseed	76.7	29.1	38.0	3.4	4.5	42.8	32.8
3	Wild oats	57.1	20.9	36.6	4.3	7.6	41.6	29.0
4	Wild buckwheat	59.4	20.3	34.1	2.2	3.7	25.8	23.2
5	Narrow-leaved hawk's-beard	40.4	13.1	32.4	3.0	7.3	41.6	19.4
6	Wheat	36.3	14.5	40.0	2.4	6.5	26.2	17.9
7	Lamb's-quarters	47.3	12.1	25.6	1.2	2.6	21.4	15.1
8	Spiny annual sow-thistle	27.8	8.4	30.1	0.8	2.7	11.0	9.5
9	Canada thistle	40.3	5.9	14.5	0.4	1.0	4.6	9.0
10	Kochia	31.2	4.9	15.7	0.4	1.3	5.6	7.4
11	Perennial sow-thistle	19.6	5.9	30.0	0.6	3.2	11.8	7.0
12	False cleavers	14.0	6.0	42.5	0.6	3.9	12.4	6.1
13	Barnyard grass species	18.0	3.8	21.2	0.7	4.0	15.8	6.1
14	Northem willowherb	29.7	2.5	8.3	0.1	0.4	1.6	5.3
15	Flax	5.5	3.3	60.9	0.9	17.0	28.0	4.8
16	Shepherd's-purse	16.3	3.3	20.0	0.3	1.8	4.2	4.4
17	Stinkweed	15.8	2.0	12.9	0.3	2.0	7.2	3.8
18	Tumble pigweed	14.9	2.2	14.9	0.3	2.0	11.4	3.8
19	Redroot pigweed	13.3	2.4	18.2	0.3	2.5	6.4	3.7
20	Biennial wormwood	13.5	2.0	15.1	0.3	2.4	9.4	3.6
21	Barley	7.3	2.9	40.3	0.4	5.6	13.4	3.4
22	Low cudweed	9.0	1.7	19.0	0.5	5.4	20.4	3.3
23	Purslane speedwell	4.6	1.9	42.2	0.5	11.3	22.2	2.9
24	Chickweed	2.3	1.3	55.0	0.6	26.8	26.8	2.6
25	Dandelion	14.1	1.4	9.8	0.1	0.4	0.8	2.6
26	Annual sow-thistle	7.6	2.3	30.6	0.2	2.5	4.4	2.6
27	Lentil	5.5	2.5	45.7	0.2	4.1	8.4	2.5
28	Round-leaved mallow	10.0	0.6	6.4	0.1	0.9	2.8	1.8
29	Canada fleabane	9.7	0.9	9.8	< 0.1	0.5	1.0	1.8
30	Pale smartweed	7.0	1.2	16.6	0.1	1.9	4.8	1.8
31	Marsh yellow cress	7.1	0.8	11.4	0.1	0.7	1.8	1.4
32	Annual brome species	2.9	0.7	25.0	0.2	6.6	6.6	1.2
33	Russian thistle	5.6	0.6	9.9	< 0.1	0.6	1.0	1.1
34	Willow species	6.5	0.3	5.0	< 0.1	0.2	0.2	1.0
35	Annual spurge species	4.7	0.5	10.0	< 0.1	0.5	0.6	0.9
36	Hemp-nettle	2.3	0.8	35.0	0.1	2.6	2.6	0.9
37	American vetch	4.7	0.2	5.0	< 0.1	0.2	0.2	0.7
38	Scouring-rush	4.2	0.2	5.0	< 0.1	0.2	0.2	0.7
39	Siberian elm	2.5	0.5	20.0	< 0.1	1.6	1.6	0.7
40	Foxtail barley	2.9	0.1	5.0	< 0.1	0.2	0.2	0.4
41	Golden dock	2.9	0.1	5.0	< 0.1	0.2	0.2	0.4
42	Black medick	2.9	0.1	5.0	< 0.1	0.2	0.2	0.4
43	Poplar species	2.3	0.2	10.0	< 0.1	0.4	0.4	0.4
44	Common pepper-grass	2.7	0.1	5.0	< 0.1	0.2	0.2	0.4
45	Prostrate pigweed	2.6	0.1	5.0	< 0.1	0.2	0.2	0.4
46	Alfalfa	2.1	0.2	10.0	< 0.1	0.4	0.4	0.4
47	Flixweed	2.5	0.1	5.0	< 0.1	0.2	0.2	0.4
48	Cattail	2.3	0.1	5.0	< 0.1	0.6	0.6	0.4
49	Rayless aster	2.3	0.1	5.0	< 0.1	0.2	0.2	0.4
50	Prostrate knotweed	2.3	0.1	5.0	< 0.1	0.2	0.2	0.4
51	Pygmyflower	2.3	0.1	5.0	< 0.1	0.2	0.2	0.4
52	Field horsetail	2.3	0.1	5.0	< 0.1	0.2	0.2	0.4

(Table continued on next page)

Field Survey Summary Tables – Canola in Crop District 6B

Table 161. 2014/15 Canola in Crop District 6B in West-Central Saskatchewan (40 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Purslane	2.2	0.1	5.0	<0.1	0.2	0.2	0.3

Table 162. 2014/15 Lentil in Crop District 6B in West-Central Saskatchewan (16 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Canola/rapeseed	68.4	35.3	51.6	5.2	7.5	21.0	50.4
2	Green foxtail	60.8	21.2	34.9	6.0	9.9	62.0	44.6
3	Wild oats	61.7	21.6	35.0	3.5	5.7	16.4	35.0
4	Wild buckwheat	68.4	18.4	26.9	2.0	3.0	18.8	28.3
5	Narrow-leaved hawk's-beard	36.4	14.8	40.7	2.8	7.6	18.0	24.7
6	Spiny annual sow-thistle	31.0	9.3	30.1	0.8	2.6	9.0	13.0
7	Wheat	48.6	6.8	14.0	0.4	0.8	2.0	12.4
8	Barnyard grass species	19.1	4.8	25.0	1.5	7.7	13.2	11.2
9	Perennial sow-thistle	43.8	5.1	11.8	0.4	0.9	3.0	10.7
10	Stinkweed	36.6	5.2	14.1	0.3	0.9	2.0	9.4
11	Canada thistle	36.4	4.0	10.9	0.3	0.8	2.4	8.6
12	Dandelion	25.2	4.7	18.7	0.3	1.1	1.8	7.3
13	Wild mustard	13.1	5.2	40.0	0.5	3.8	7.4	6.8
14	Lamb's-quarters	30.7	1.8	6.0	0.1	0.4	0.8	5.8
15	Shepherd's-purse	5.7	3.4	60.0	0.7	12.8	12.8	5.6
16	Goat's-beard	19.6	2.3	11.7	0.1	0.7	1.2	4.7
17	Kochia	19.1	1.6	8.4	0.1	0.5	0.6	4.0
18	Round-leaved mallow	13.1	2.0	15.0	0.1	1.0	1.0	3.5
19	Biennial wormwood	18.7	0.9	5.0	< 0.1	0.2	0.2	3.3
20	Canada fleabane	11.3	1.7	15.0	0.1	0.6	0.6	2.8
21	Night-flowering catchfly	5.7	0.6	10.0	< 0.1	0.4	0.4	1.2
22	Prickly lettuce	6.5	0.3	5.0	< 0.1	0.2	0.2	1.2
23	Clover species	6.0	0.3	5.0	< 0.1	0.4	0.4	1.1
24	American vetch	5.7	0.3	5.0	< 0.1	0.6	0.6	1.1
25	Dock species	6.0	0.3	5.0	< 0.1	0.2	0.2	1.1
26	Pale smartweed	5.7	0.3	5.0	< 0.1	0.4	0.4	1.1
27	Willow species	5.7	0.3	5.0	< 0.1	0.2	0.2	1.0

Field Survey Summary Tables – Pea in Crop District 6B

Table 163. 2014/15 Pea in Crop District 6B in West-Central Saskatchewan (10 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	80.4	37.7	46.9	11.7	14.6	57.4	53.4
2	Canola/rapeseed	47.9	35.2	73.6	13.3	27.8	59.0	51.1
3	Narrow-leaved hawk's-beard	80.0	20.4	25.5	2.5	3.1	17.8	25.8
4	Wild oats	40.6	11.4	28.1	3.9	9.6	25.0	19.2
5	Wild buckwheat	52.7	16.3	31.0	1.9	3.5	11.2	18.8
6	Canada thistle	52.3	8.6	16.4	1.5	2.8	12.2	14.4
7	Barley	11.4	11.4	100.0	3.0	26.4	26.4	13.2
8	Lamb's-quarters	11.4	10.8	95.0	2.3	20.6	20.6	11.5
9	Stinkweed	11.4	8.5	75.0	2.7	23.8	23.8	11.2
10	Canada fleabane	31.1	10.0	32.1	0.9	3.0	6.6	10.9
11	Wheat	31.1	9.2	29.7	0.8	2.4	4.2	10.2
12	Dandelion	31.6	6.4	20.1	0.3	0.9	2.0	8.0
13	Barnyard grass species	30.1	3.5	11.5	0.5	1.5	2.2	6.8
14	Kochia	19.6	5.9	30.0	0.4	2.2	4.2	6.4
15	Spiny annual sow-thistle	21.8	3.8	17.4	0.2	1.1	1.2	5.3
16	Purslane speedwell	21.3	2.6	12.4	0.2	0.9	1.6	4.6
17	Annual spurge species	19.5	2.1	10.6	0.1	0.7	0.8	4.0
18	Russian thistle	20.7	1.6	7.6	0.1	0.4	0.4	3.8
19	Biennial wormwood	10.8	3.8	35.0	0.2	2.0	2.0	3.7
20	Golden dock	9.8	1.5	15.0	0.2	1.8	1.8	2.4
21	Foxtail barley	10.4	1.6	15.0	0.1	0.8	0.8	2.4
22	Redroot pigweed	11.4	1.1	10.0	0.1	0.8	0.8	2.3
23	Prostrate knotweed	11.4	1.1	10.0	0.1	0.6	0.6	2.3
24	Wild mustard	11.4	1.1	10.0	< 0.1	0.4	0.4	2.2
25	Blue lettuce	8.6	0.4	5.0	0.1	1.4	1.4	1.7
26	Night-flowering catchfly	9.8	0.5	5.0	< 0.1	0.2	0.2	1.6
27	Rose species	8.6	0.4	5.0	0.1	0.6	0.6	1.5
28	Alfalfa	8.6	0.4	5.0	< 0.1	0.2	0.2	1.4

Table 164. 2014/15 Annual crops in Crop District 7A in West-Central Saskatchewan (123 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Canola/rapeseed	27.0	14.7	54.6	10.7	39.8	296.2	56.4
2	Green foxtail	21.0	7.3	34.9	6.1	29.2	350.6	32.5
3	Wild oats	44.7	11.3	25.3	2.9	6.5	113.6	32.1
4	Stinkweed	23.1	6.9	29.8	3.6	15.5	106.4	24.4
5	Lamb's-quarters	29.2	7.5	25.8	1.4	4.9	56.4	19.7
6	Wild buckwheat	31.1	7.1	22.7	0.5	1.7	10.0	16.7
7	Wild mustard	17.8	5.6	31.4	0.8	4.4	22.2	12.7
8	Tumble pigweed	22.6	4.2	18.5	0.7	3.0	38.2	12.1
9	Narrow-leaved hawk's-beard	19.4	4.1	21.0	0.9	4.6	81.0	12.0
10	Spiny annual sow-thistle	16.8	4.6	27.4	0.7	4.2	25.8	11.2
11	Canada thistle	21.3	2.8	13.2	0.3	1.2	4.0	9.0
12	Kochia	19.9	2.3	11.4	0.1	0.7	3.0	7.7
13	Wheat	9.5	2.0	20.7	0.3	3.2	8.8	5.3
14	Annual spurge species	11.2	1.6	14.4	0.2	2.1	13.6	5.2
15	Dandelion	11.0	1.7	14.9	0.1	1.1	5.2	4.8
16	Perennial sow-thistle	10.6	1.0	9.7	0.1	0.8	3.4	3.9
17	Lentil	8.1	1.1	13.2	0.1	0.7	2.2	3.3
18	Redroot pigweed	6.4	1.1	17.0	0.1	2.2	5.0	3.2
19	Annual sow-thistle	3.0	0.9	30.9	0.4	14.0	52.8	3.1
20	False cleavers	2.3	1.0	45.2	0.4	17.0	46.0	2.9
21	Foxtail barley	6.0	0.5	8.9	0.1	2.5	9.6	2.5
22	Russian thistle	4.5	0.8	17.3	0.1	1.3	3.0	2.1
23	Flixweed	2.8	0.6	21.4	0.1	4.9	17.2	1.8
24	Annual brome species	2.0	0.4	20.6	0.1	4.9	12.2	1.2
25	American vetch	3.9	0.2	5.0	<0.1	0.2	0.2	1.2
26	Field pea	3.1	0.2	7.5	<0.1	0.5	0.6	1.1
27	Prickly lettuce	2.3	0.4	16.7	<0.1	1.0	1.4	1.0
28	Cow cockle	2.4	0.3	11.8	<0.1	0.7	1.2	1.0
29	Goat's-beard	2.7	0.2	6.4	<0.1	0.3	0.4	0.9
30	Yellow sweet-clover	0.9	0.4	50.0	<0.1	5.2	5.2	0.8
31	Pygmyflower	2.1	0.2	7.1	<0.1	0.5	1.0	0.7
32	Northern willowherb	1.9	0.1	6.8	<0.1	0.5	1.0	0.6
33	Common groundsel	1.6	0.2	10.0	<0.1	1.2	2.0	0.6
34	Wild tomato	1.7	0.1	7.7	<0.1	0.8	1.4	0.6
35	Canada fleabane	1.9	0.1	5.0	<0.1	0.2	0.2	0.6
36	Scouring-rush	1.2	0.1	10.0	<0.1	3.0	3.0	0.5
37	Barnyard grass species	1.6	0.1	5.0	<0.1	0.2	0.2	0.5
38	Prostrate knotweed	1.6	0.1	5.0	<0.1	0.2	0.2	0.5
39	Canary grass	0.8	0.2	25.0	<0.1	1.2	1.2	0.4
40	Rough cinquefoil	1.4	0.1	5.0	<0.1	0.2	0.2	0.4
41	Shepherd's-purse	0.8	0.2	20.0	<0.1	2.0	2.0	0.4
42	Soybean	0.8	0.1	10.0	<0.1	3.0	3.0	0.3
43	Barley	0.8	0.1	15.0	<0.1	1.2	1.2	0.3
44	Black medick	0.9	<0.1	5.0	<0.1	0.2	0.2	0.3
45	Dog mustard	0.8	<0.1	5.0	<0.1	0.8	0.8	0.2
46	Common pepper-grass	0.7	0.1	10.0	<0.1	0.4	0.4	0.2
47	Povertyweed	0.8	<0.1	5.0	<0.1	0.4	0.4	0.2
48	Persian damel	0.8	<0.1	5.0	<0.1	0.2	0.2	0.2
49	Purslane speedwell	0.8	<0.1	5.0	<0.1	0.2	0.2	0.2
50	Round-leaved mallow	0.5	<0.1	5.0	<0.1	0.2	0.2	0.2

Field Survey Summary Tables – Spring wheat in Crop District 7A

Table 165. 2014/15 Spring wheat in Crop District 7A in West-Central Saskatchewan (22 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	47.8	18.0	37.8	25.5	53.3	350.6	65.0
2	Stinkweed	22.5	17.7	79.0	17.3	77.2	106.4	46.5
3	Canola/rapeseed	28.8	21.1	73.2	9.1	31.7	86.0	37.3
4	Wild buckwheat	54.9	20.2	36.8	1.6	2.8	10.0	29.6
5	Wild oats	37.4	12.3	32.9	2.9	7.7	42.8	21.9
6	Lamb's-quarters	34.9	8.9	25.5	2.5	7.1	30.4	18.1
7	Narrow-leaved hawk's-beard	28.8	4.1	14.1	0.3	1.0	2.6	9.5
8	Dandelion	25.2	3.1	12.2	0.3	1.0	4.8	7.9
9	Tumble pigweed	20.6	1.7	8.3	0.1	0.6	1.2	5.7
10	Annual spurge species	19.4	1.9	9.8	0.1	0.4	0.6	5.6
11	Canada thistle	20.7	1.4	6.7	0.1	0.3	0.4	5.4
12	Perennial sow-thistle	14.2	2.0	14.2	0.2	1.4	3.4	4.8
13	Flixweed	4.5	2.9	65.0	0.8	17.2	17.2	4.5
14	Kochia	13.5	1.1	8.4	0.2	1.4	3.0	3.9
15	Spiny annual sow-thistle	14.6	1.0	6.5	0.1	0.4	0.6	3.8
16	Redroot pigweed	9.0	1.6	17.5	0.2	2.2	3.8	3.4
17	Wild mustard	9.7	1.2	12.0	<0.1	0.5	0.8	3.0
18	Foxtail barley	10.3	0.7	7.2	0.1	1.2	2.2	2.9
19	Lentil	9.7	1.0	10.4	0.1	0.5	0.8	2.9
20	Wheat	4.5	1.4	30.0	0.4	8.8	8.8	2.6
21	Scouring-rush	7.1	0.7	10.0	0.2	3.0	3.0	2.3
22	Prostrate knotweed	9.0	0.5	5.0	<0.1	0.2	0.2	2.2
23	Canada fleabane	7.1	0.4	5.0	<0.1	0.2	0.2	1.7
24	Pygmyflower	7.1	0.4	5.0	<0.1	0.2	0.2	1.7
25	Northern willowherb	7.1	0.4	5.0	<0.1	0.2	0.2	1.7
26	Annual brome species	7.1	0.4	5.0	<0.1	0.2	0.2	1.7
27	Annual sow-thistle	4.5	0.5	10.0	<0.1	0.4	0.4	1.3
28	Field pea	4.5	0.2	5.0	<0.1	0.6	0.6	1.1
29	Wild tomato	4.5	0.2	5.0	<0.1	0.2	0.2	1.1
30	Round-leaved mallow	3.0	0.1	5.0	<0.1	0.2	0.2	0.7

Table 166. 2014/15 Durum in Crop District 7A in West-Central Saskatchewan (37 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Canola/rapeseed	24.9	17.0	68.2	24.1	96.5	296.2	84.3
2	Wild oats	38.5	9.4	24.3	1.9	4.9	36.2	25.8
3	Green foxtail	19.4	6.2	31.9	4.0	20.4	91.0	21.9
4	Spiny annual sow-thistle	22.9	9.6	41.8	1.9	8.4	25.8	21.7
5	Lamb's-quarters	29.7	7.2	24.2	2.1	6.9	56.4	21.3
6	Tumble pigweed	30.9	6.0	19.6	0.7	2.3	11.6	17.0
7	Wild buckwheat	31.4	6.1	19.5	0.5	1.5	8.8	16.7
8	Wild mustard	18.4	6.4	34.8	0.8	4.3	10.0	14.2
9	False cleavers	5.1	3.4	65.4	1.3	25.5	46.0	8.4
10	Canada thistle	16.3	2.1	13.0	0.2	1.4	2.2	7.5
11	Stinkweed	15.1	1.9	12.7	0.4	2.5	10.4	7.3
12	Annual sow-thistle	2.6	2.5	95.0	1.4	52.8	52.8	6.8
13	Wheat	8.2	2.1	25.1	0.4	5.3	7.6	5.6
14	Kochia	14.5	1.2	8.2	0.1	0.5	0.6	5.6
15	Foxtail barley	8.9	0.7	7.9	0.4	4.4	9.6	4.2
16	Lentil	10.7	0.8	7.4	<0.1	0.3	0.6	4.0
17	Narrow-leaved hawk's-beard	5.2	1.6	30.0	0.2	3.2	5.8	3.6
18	Russian thistle	6.0	1.2	20.0	0.1	1.5	2.0	3.2
19	Annual brome species	2.6	1.2	45.0	0.3	12.2	12.2	2.8
20	Redroot pigweed	5.1	0.6	12.5	0.2	3.2	5.0	2.5
21	Perennial sow-thistle	5.5	0.4	7.3	<0.1	0.4	0.6	2.1
22	Dandelion	5.2	0.4	7.5	<0.1	0.3	0.4	1.9
23	American vetch	5.1	0.3	5.0	<0.1	0.2	0.2	1.8
24	Shepherd's-purse	2.6	0.5	20.0	0.1	2.0	2.0	1.4
25	Common groundsel	2.6	0.4	15.0	0.1	2.0	2.0	1.3
26	Prickly lettuce	2.5	0.4	15.0	<0.1	1.4	1.4	1.2
27	Cow cockle	2.5	0.4	15.0	<0.1	1.2	1.2	1.2
28	Field pea	2.6	0.3	10.0	<0.1	0.6	0.6	1.1
29	Annual spurge species	3.0	0.1	5.0	<0.1	0.4	0.4	1.0
30	Dog mustard	2.5	0.1	5.0	<0.1	0.8	0.8	0.9
31	Persian damel	2.6	0.1	5.0	<0.1	0.2	0.2	0.9
32	Povertyweed	2.5	0.1	5.0	<0.1	0.4	0.4	0.9

Field Survey Summary Tables – Canola in Crop District 7A

Table 167. 2014/15 Canola in Crop District 7A in West-Central Saskatchewan (24 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Wild oats	39.8	12.8	32.1	6.1	15.4	113.6	53.3
2	Lamb's-quarters	36.0	13.7	38.0	1.5	4.1	11.0	29.2
3	Stinkweed	41.3	9.8	23.8	1.7	4.2	25.8	28.0
4	Wild mustard	24.2	10.1	41.8	1.8	7.5	22.2	24.8
5	Canola/rapeseed	29.0	10.7	36.9	1.4	4.9	20.4	24.4
6	Green foxtail	14.6	7.9	54.2	2.1	14.2	33.8	21.7
7	Annual spurge species	20.1	5.1	25.1	0.9	4.7	13.6	14.5
8	Tumble pigweed	25.4	5.2	20.5	0.6	2.4	11.0	14.1
9	Wild buckwheat	27.2	4.8	17.5	0.3	1.0	2.0	12.3
10	Narrow-leaved hawk's-beard	7.0	3.0	42.5	1.2	16.8	33.4	10.6
11	Spiny annual sow-thistle	19.2	4.0	21.1	0.4	1.9	3.6	10.2
12	Canada thistle	23.8	2.5	10.5	0.1	0.6	1.2	8.7
13	Wheat	15.6	3.0	19.1	0.3	2.1	6.8	8.2
14	Russian thistle	13.9	2.2	15.5	0.2	1.1	3.0	6.1
15	Kochia	14.0	1.1	8.1	< 0.1	0.3	0.4	4.6
16	Lentil	8.7	1.8	20.7	0.1	1.5	2.2	4.4
17	Perennial sow-thistle	7.6	0.6	7.7	0.1	0.7	1.2	2.6
18	Annual sow-thistle	7.6	0.6	7.7	< 0.1	0.4	0.6	2.5
19	Rough cinquefoil	7.0	0.4	5.0	< 0.1	0.2	0.2	2.0
20	Soybean	4.0	0.4	10.0	0.1	3.0	3.0	2.0
21	Wild tomato	4.7	0.5	10.0	0.1	1.4	1.4	1.9
22	Barley	4.0	0.6	15.0	< 0.1	1.2	1.2	1.8
23	Redroot pigweed	4.0	0.6	15.0	< 0.1	0.6	0.6	1.6
24	Northern willowherb	3.5	0.4	10.0	< 0.1	1.0	1.0	1.3
25	Common pepper-grass	3.5	0.4	10.0	< 0.1	0.4	0.4	1.2
26	Dandelion	4.0	0.2	5.0	< 0.1	0.2	0.2	1.2
27	American vetch	4.0	0.2	5.0	< 0.1	0.2	0.2	1.2
28	Field pea	4.0	0.2	5.0	< 0.1	0.2	0.2	1.2
29	Barnyard grass species	4.0	0.2	5.0	< 0.1	0.2	0.2	1.2
30	False cleavers	4.0	0.2	5.0	< 0.1	0.2	0.2	1.2
31	Cow cockle	4.0	0.2	5.0	< 0.1	0.2	0.2	1.2
32	Canada fleabane	3.5	0.2	5.0	< 0.1	0.2	0.2	1.0

Table 168. 2014/15 Lentil in Crop District 7A in West-Central Saskatchewan (27 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Canola/rapeseed	21.6	9.5	44.0	3.2	15.0	92.0	60.7
2	Wild oats	47.9	8.1	17.0	1.1	2.3	12.4	43.4
3	Narrow-leaved hawk's-beard	22.6	5.6	24.7	2.1	9.1	81.0	40.9
4	Kochia	38.5	6.1	15.9	0.3	0.8	2.0	27.7
5	Canada thistle	18.6	2.9	15.8	0.4	1.9	4.0	15.7
6	Green foxtail	10.5	2.6	25.2	0.4	3.5	5.4	12.5
7	Wild mustard	11.6	2.5	21.2	0.2	1.9	5.8	10.8
8	Stinkweed	11.6	2.4	20.8	0.2	1.6	3.2	10.4
9	Wheat	10.4	2.1	20.3	0.2	1.6	2.8	9.2
10	Perennial sow-thistle	14.9	1.4	9.5	0.1	0.7	1.2	8.7
11	Yellow sweet-clover	3.9	1.9	50.0	0.2	5.2	5.2	7.1
12	Redroot pigweed	4.4	1.5	35.0	0.2	4.6	4.6	6.5
13	Dandelion	8.8	1.2	13.1	0.1	0.6	0.8	5.6
14	Lamb's-quarters	7.8	1.1	14.3	0.1	0.7	1.2	5.2
15	Prickly lettuce	6.6	1.2	17.5	0.1	0.8	1.2	4.9
16	Wild buckwheat	9.4	0.5	5.0	<0.1	0.2	0.4	4.3
17	Goat's-beard	8.2	0.6	7.0	<0.1	0.3	0.4	4.1
18	Tumble pigweed	7.7	0.4	5.0	<0.1	0.2	0.2	3.4
19	Annual spurge species	6.6	0.3	5.0	<0.1	0.4	0.6	3.1
20	Canary grass	3.3	0.8	25.0	<0.1	1.2	1.2	3.0
21	Cow cockle	3.9	0.6	15.0	<0.1	0.6	0.6	2.6
22	Pygmyflower	3.9	0.4	10.0	<0.1	1.0	1.0	2.4
23	Field pea	3.4	0.3	10.0	<0.1	0.6	0.6	2.0
24	Black medick	3.9	0.2	5.0	<0.1	0.2	0.2	1.7
25	Common groundsel	3.4	0.2	5.0	<0.1	0.4	0.4	1.6
26	Spiny annual sow-thistle	2.2	0.2	10.0	<0.1	1.0	1.0	1.4
27	Flixweed	2.2	0.1	5.0	<0.1	0.2	0.2	1.0

Field Survey Summary Tables – Crop District 7B

Table 169. 2014/15 Annual crops in Crop District 7B in West-Central Saskatchewan (115 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Narrow-leaved hawk's-beard	64.8	31.1	47.9	12.2	18.9	216.4	37.5
2	Wild oats	62.4	29.7	47.6	8.8	14.1	91.0	31.2
3	Green foxtail	55.4	27.4	49.6	8.2	14.9	173.2	28.7
4	Wild buckwheat	83.4	33.4	40.0	3.3	3.9	23.8	25.8
5	Canola/rapeseed	58.6	27.6	47.1	5.8	9.9	70.0	25.2
6	Lamb's-quarters	65.7	15.3	23.3	1.7	2.5	43.6	15.0
7	Spiny annual sow-thistle	44.7	14.8	33.0	2.5	5.5	99.4	13.9
8	False cleavers	30.6	13.2	43.3	2.5	8.1	51.4	11.9
9	Canada thistle	56.2	10.4	18.6	0.9	1.7	12.2	11.1
10	Shepherd's-purse	32.2	10.3	32.0	1.9	5.8	66.4	10.0
11	Wheat	26.6	11.6	43.6	1.6	6.1	25.8	9.5
12	Stinkweed	21.9	6.0	27.4	1.3	5.9	68.8	6.5
13	Dandelion	23.2	4.8	20.5	0.5	2.0	12.2	4.9
14	Northern willowherb	26.6	4.1	15.5	0.2	0.9	3.2	4.6
15	Tumble pigweed	9.2	1.8	19.9	1.8	19.4	176.6	4.5
16	Low cudweed	16.7	3.2	18.9	0.5	2.9	13.8	3.7
17	Wild mustard	5.3	2.3	43.1	1.1	20.4	94.8	3.1
18	Perennial sow-thistle	10.1	3.4	33.8	0.4	4.2	17.0	3.0
19	Foxtail barley	12.3	2.7	21.8	0.4	3.1	16.2	2.9
20	Persian damel	5.4	2.2	40.4	1.0	17.8	65.2	2.9
21	Quack grass	0.9	0.9	100.0	1.3	133.6	133.6	2.5
22	Rough hair grass	9.8	2.3	23.6	0.3	2.9	12.6	2.3
23	Canada fleabane	13.3	1.9	14.3	0.1	1.1	9.2	2.3
24	Common groundsel	5.5	2.0	36.9	0.4	7.9	22.8	2.0
25	Barley	6.5	1.9	30.0	0.4	5.4	23.6	1.9
26	Hemp-nettle	11.2	1.4	12.4	0.1	1.3	9.4	1.9
27	Prostrate knotweed	13.4	0.9	7.1	<0.1	0.3	1.0	1.8
28	Willow species	12.6	1.1	8.7	0.1	0.4	1.2	1.8
29	Flixweed	9.2	1.6	17.0	0.2	1.8	13.4	1.8
30	Flax	1.8	1.5	84.7	0.7	37.0	61.2	1.8
31	Russian thistle	8.8	1.6	17.7	0.2	1.9	6.8	1.8
32	Pale smartweed	7.8	1.4	17.5	0.1	1.5	3.4	1.5
33	Rough cinquefoil	8.3	1.2	14.8	0.1	1.1	6.4	1.5
34	Barnyard grass species	7.1	1.2	17.6	0.1	1.6	2.6	1.4
35	Biennial wormwood	9.2	0.6	6.5	<0.1	0.3	0.6	1.2
36	Field horsetail	1.9	0.5	26.2	0.4	19.0	26.8	0.9
37	Redroot pigweed	5.4	0.7	12.3	0.1	1.1	5.0	0.9
38	Broad-leaved plantain	5.2	0.5	10.3	<0.1	0.7	2.6	0.8
39	Scouring-rush	2.2	1.0	43.3	0.1	5.6	9.4	0.8
40	Chickweed	5.6	0.3	5.8	<0.1	0.4	1.2	0.8
41	Annual brome species	3.0	0.6	20.7	0.1	4.3	6.2	0.7
42	Rayless aster	4.8	0.3	7.1	<0.1	0.6	1.6	0.7
43	Kochia	3.7	0.5	13.8	0.1	1.7	6.0	0.7
44	American vetch	4.5	0.4	8.1	<0.1	0.7	1.8	0.7
45	Annual sow-thistle	3.7	0.5	13.7	<0.1	1.2	3.8	0.6
46	Purslane speedwell	3.9	0.5	11.8	<0.1	0.6	1.4	0.6
47	Pygmyflower	4.6	0.3	6.0	<0.1	0.3	0.6	0.6
48	Common pepper-grass	3.7	0.5	12.5	<0.1	0.8	1.4	0.6
49	Annual spurge species	3.7	0.4	10.5	<0.1	0.8	1.8	0.6
50	Round-leaved mallow	3.3	0.3	10.6	<0.1	0.4	0.6	0.5
51	Night-flowering catchfly	1.8	0.4	20.6	0.1	5.0	8.6	0.5
52	Lentil	2.8	0.2	8.3	<0.1	0.4	0.8	0.4

(Table continued on next page)

Table 169. 2014/15 Annual crops in Crop District 7B in West-Central Saskatchewan (115 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Golden dock	2.8	0.1	5.0	<0.1	0.2	0.2	0.4
54	American dragonhead	2.5	0.2	6.7	<0.1	0.4	0.8	0.3
55	Field pea	1.6	0.3	19.0	<0.1	1.2	1.8	0.3
56	Yellow sweet-clover	1.5	0.3	20.6	<0.1	1.4	2.2	0.3
57	Pineappleweed	1.8	0.2	12.5	<0.1	0.6	0.8	0.3
58	Slough grass	1.8	0.1	5.0	<0.1	1.1	2.0	0.3
59	Prostrate pigweed	1.8	0.1	7.5	<0.1	0.3	0.4	0.3
60	Poplar species	1.8	0.1	7.5	<0.1	0.3	0.4	0.3
61	Bluebur	1.7	0.1	7.5	<0.1	0.6	0.6	0.2
62	Oats	0.9	0.1	15.0	0.1	5.8	5.8	0.2
63	Cow cockle	1.4	0.1	5.0	<0.1	1.1	1.6	0.2
64	Alfalfa	1.5	0.1	6.8	<0.1	0.5	0.6	0.2
65	Green tansy mustard	0.9	0.2	20.0	<0.1	1.0	1.0	0.2
66	Tartary buckwheat	0.8	0.2	20.0	<0.1	1.0	1.0	0.2
67	Absinth	0.9	0.1	10.0	<0.1	0.4	0.4	0.1
68	Marsh yellow cress	0.9	0.1	10.0	<0.1	0.4	0.4	0.1
69	Prickly lettuce	0.9	<0.1	5.0	<0.1	0.8	0.8	0.1
70	Yellow toadflax	1.0	<0.1	5.0	<0.1	0.2	0.2	0.1
71	Manitoba maple	1.0	<0.1	5.0	<0.1	0.2	0.2	0.1
72	Spear-leaved goosefoot	0.9	<0.1	5.0	<0.1	0.4	0.4	0.1
73	Wormseed mustard	0.9	<0.1	5.0	<0.1	0.4	0.4	0.1
74	Russian pigweed	0.9	<0.1	5.0	<0.1	0.2	0.2	0.1
75	Milk-vetch species	0.9	<0.1	5.0	<0.1	0.2	0.2	0.1
76	Dock species	0.9	<0.1	5.0	<0.1	0.2	0.2	0.1
77	Wild tomato	0.4	0.1	25.0	<0.1	3.6	3.6	0.1
78	Wood whitlow-grass	0.6	0.1	15.0	<0.1	0.6	0.6	0.1
79	Scouler's popcomflower	0.6	<0.1	5.0	<0.1	0.4	0.4	0.1
80	Rose species	0.5	<0.1	5.0	<0.1	0.2	0.2	0.1
81	Stork's-bill	0.5	<0.1	5.0	<0.1	0.2	0.2	0.1

Field Survey Summary Tables – Spring wheat in Crop District 7B

Table 170. 2014/15 Spring wheat in Crop District 7B in West-Central Saskatchewan (47 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Narrow-leaved hawk's-beard	68.5	32.6	47.6	12.6	18.5	216.4	35.9
2	Wild buckwheat	81.2	39.8	49.0	4.2	5.2	23.8	27.3
3	Wild oats	62.5	28.1	45.0	6.6	10.6	91.0	25.1
4	Green foxtail	46.2	24.5	53.1	8.2	17.8	71.4	24.6
5	Canola/rapeseed	63.8	26.0	40.7	5.3	8.2	48.8	22.6
6	False cleavers	39.6	18.6	46.8	4.5	11.4	51.4	16.6
7	Spiny annual sow-thistle	54.9	15.5	28.3	3.3	5.9	99.4	15.4
8	Canada thistle	74.4	16.1	21.6	1.6	2.2	12.2	15.2
9	Lamb's-quarters	63.9	17.8	27.8	1.9	3.0	22.8	15.1
10	Shepherd's-purse	37.1	12.0	32.3	2.6	7.1	66.4	11.5
11	Stinkweed	23.2	7.8	33.8	2.4	10.4	68.8	8.4
12	Tumble pigweed	11.9	3.2	27.1	4.0	33.8	176.6	8.1
13	Dandelion	29.0	8.4	28.8	0.9	3.2	12.2	7.0
14	Wild mustard	8.2	3.6	43.5	2.3	27.7	94.8	5.3
15	Northern willowherb	32.8	4.5	13.7	0.3	0.9	3.2	5.2
16	Foxtail barley	19.6	4.5	22.7	0.7	3.4	16.2	4.4
17	Perennial sow-thistle	13.1	4.8	36.5	0.7	5.1	17.0	3.9
18	Persian damel	8.5	3.1	36.7	0.9	11.1	39.0	3.2
19	Low cudweed	17.5	2.4	13.7	0.3	1.8	4.4	3.1
20	Rough hair grass	9.6	3.5	36.5	0.5	5.7	12.6	2.9
21	Flax	2.0	1.8	90.0	1.2	61.2	61.2	2.5
22	Willow species	17.5	1.2	6.9	0.1	0.3	0.6	2.3
23	Hemp-nettle	15.4	1.5	9.9	0.1	0.7	1.6	2.3
24	Flixweed	8.7	2.7	31.3	0.3	3.8	13.4	2.2
25	Canada fleabane	13.2	1.8	13.4	0.1	0.9	2.2	2.1
26	Barley	4.4	2.1	47.1	0.6	12.8	23.6	1.9
27	Field horsetail	3.1	1.1	35.0	0.8	26.8	26.8	1.9
28	Pale smartweed	8.7	2.1	23.8	0.2	1.9	3.4	1.8
29	Common groundsel	4.3	2.0	45.0	0.5	10.9	21.0	1.8
30	Biennial wormwood	13.0	1.0	7.5	< 0.1	0.3	0.6	1.7
31	Rough cinquefoil	8.7	1.7	20.0	0.2	1.9	6.4	1.7
32	Barnyard grass species	6.6	1.5	23.2	0.1	1.5	2.6	1.3
33	Prostrate knotweed	8.7	0.9	10.0	< 0.1	0.4	1.0	1.2
34	Annual sow-thistle	6.6	1.1	16.6	0.1	1.5	3.8	1.2
35	Chickweed	8.8	0.6	6.3	< 0.1	0.5	1.2	1.2
36	Russian thistle	4.3	0.8	17.5	0.1	2.9	4.6	0.9
37	Pygmyflower	6.6	0.3	5.0	< 0.1	0.2	0.2	0.8
38	Golden dock	6.5	0.3	5.0	< 0.1	0.2	0.2	0.8
39	Field pea	3.9	0.7	19.0	< 0.1	1.2	1.8	0.7
40	Redroot pigweed	4.0	0.6	15.0	< 0.1	1.0	1.8	0.7
41	Kochia	2.2	0.8	35.0	0.1	6.0	6.0	0.7
42	Annual brome species	2.3	0.7	30.0	0.1	5.8	5.8	0.6
43	American vetch	4.2	0.4	10.3	< 0.1	0.6	1.0	0.6
44	Round-leaved mallow	4.3	0.4	10.0	< 0.1	0.4	0.6	0.6
45	Rayless aster	4.3	0.3	7.5	< 0.1	0.8	1.4	0.6
46	Broad-leaved plantain	2.2	0.7	30.0	0.1	2.6	2.6	0.5
47	Night-flowering catchfly	2.3	0.7	30.0	< 0.1	1.8	1.8	0.5
48	American dragonhead	4.0	0.2	5.0	< 0.1	0.2	0.2	0.5
49	Purslane speedwell	2.2	0.4	20.0	< 0.1	1.4	1.4	0.4
50	Tartary buckwheat	2.0	0.4	20.0	< 0.1	1.0	1.0	0.4
51	Pineappleweed	2.2	0.3	15.0	< 0.1	0.8	0.8	0.4
52	Cow cockle	2.2	0.1	5.0	< 0.1	1.6	1.6	0.3

(Table continued on next page)

Table 170. 2014/15 Spring wheat in Crop District 7B in West-Central Saskatchewan (47 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Marsh yellow cress	2.2	0.2	10.0	< 0.1	0.4	0.4	0.3
54	Prostrate pigweed	2.2	0.2	10.0	< 0.1	0.4	0.4	0.3
55	Bluebur	2.0	0.2	10.0	< 0.1	0.6	0.6	0.3
56	Wheat	2.2	0.1	5.0	< 0.1	0.6	0.6	0.3
57	Manitoba maple	2.3	0.1	5.0	< 0.1	0.2	0.2	0.3
58	Spear-leaved goosefoot	2.2	0.1	5.0	< 0.1	0.4	0.4	0.3
59	Slough grass	2.2	0.1	5.0	< 0.1	0.2	0.2	0.3

Field Survey Summary Tables – Canola in Crop District 7B

Table 171. 2014/15 Canola in Crop District 7B in West-Central Saskatchewan (35 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Wild oats	65.7	34.6	52.6	11.9	18.2	78.0	46.0
2	Wild buckwheat	82.7	32.0	38.7	2.8	3.4	15.8	27.0
3	Green foxtail	51.7	24.6	47.7	5.5	10.7	42.0	26.8
4	Narrow-leaved hawk's-beard	58.0	20.2	34.8	5.9	10.2	59.6	26.6
5	Wheat	58.0	29.0	49.9	4.2	7.3	25.8	26.2
6	Canola/rapeseed	57.3	23.3	40.7	3.2	5.6	51.6	21.8
7	Spiny annual sow-thistle	37.6	18.0	48.0	2.6	6.8	27.2	16.3
8	Lamb's-quarters	64.1	13.2	20.7	1.1	1.7	24.6	14.1
9	False cleavers	35.2	16.3	46.3	1.8	5.0	11.8	13.7
10	Shepherd's-purse	30.5	7.3	24.0	0.6	1.9	4.8	7.3
11	Canada thistle	36.2	6.3	17.4	0.5	1.3	4.6	7.2
12	Persian damel	5.9	2.9	48.0	1.9	31.4	65.2	5.8
13	Northern willowherb	30.1	5.3	17.5	0.3	0.9	2.4	5.8
14	Stinkweed	21.2	5.1	24.2	0.6	2.7	7.8	5.4
15	Low cudweed	18.9	4.1	21.8	0.7	3.6	6.6	5.0
16	Rough hair grass	17.5	2.7	15.3	0.2	1.0	3.2	3.3
17	Dandelion	20.9	1.6	7.4	0.1	0.5	1.4	3.0
18	Foxtail barley	10.0	2.5	25.0	0.3	3.2	8.2	2.7
19	Willow species	12.5	1.6	12.5	0.1	0.6	1.2	2.1
20	Prostrate knotweed	15.3	0.9	6.0	< 0.1	0.2	0.4	2.1
21	Broad-leaved plantain	14.4	0.9	6.1	< 0.1	0.2	0.4	1.9
22	Perennial sow-thistle	8.5	1.9	22.4	0.1	1.7	5.2	1.9
23	Pale smartweed	9.3	1.4	15.2	0.1	1.5	3.0	1.8
24	Annual brome species	5.0	1.0	20.6	0.2	3.9	6.2	1.3
25	Hemp-nettle	9.4	0.5	5.0	< 0.1	0.3	0.4	1.3
26	Barley	6.2	1.1	17.5	0.1	1.3	2.2	1.2
27	Canada fleabane	8.1	0.7	8.8	< 0.1	0.6	0.8	1.2
28	Biennial wormwood	9.3	0.5	5.0	< 0.1	0.2	0.2	1.2
29	Purslane speedwell	8.2	0.6	6.9	< 0.1	0.3	0.4	1.1
30	Rayless aster	8.1	0.5	6.2	< 0.1	0.2	0.4	1.1
31	Redroot pigweed	7.4	0.5	7.1	< 0.1	0.5	1.2	1.1
32	Rough cinquefoil	8.1	0.4	5.0	< 0.1	0.2	0.2	1.1
33	Flixweed	6.2	0.8	12.5	< 0.1	0.7	1.2	1.0
34	Common pepper-grass	6.2	0.8	12.5	< 0.1	0.7	0.8	1.0
35	Tumble pigweed	7.5	0.5	6.2	< 0.1	0.3	0.6	1.0
36	Barnyard grass species	6.2	0.5	8.0	0.1	1.3	2.0	1.0
37	Lentil	6.2	0.6	10.0	< 0.1	0.5	0.8	1.0
38	Night-flowering catchfly	2.8	0.3	10.0	0.2	8.6	8.6	0.9
39	Russian thistle	5.9	0.6	9.8	< 0.1	0.4	0.6	0.9
40	Kochia	6.2	0.5	7.5	< 0.1	0.3	0.4	0.9
41	Chickweed	6.3	0.3	5.0	< 0.1	0.2	0.2	0.8
42	Common groundsel	6.1	0.3	5.0	< 0.1	0.2	0.2	0.8
43	American vetch	6.1	0.3	5.0	< 0.1	0.2	0.2	0.8
44	Slough grass	3.1	0.2	5.0	0.1	2.0	2.0	0.5
45	Pygmyflower	3.1	0.3	10.0	< 0.1	0.6	0.6	0.5
46	Absinth	3.1	0.3	10.0	< 0.1	0.4	0.4	0.5
47	American dragonhead	2.8	0.3	10.0	< 0.1	0.8	0.8	0.5
48	Wild tomato	1.5	0.4	25.0	0.1	3.6	3.6	0.4
49	Yellow toadflax	3.2	0.2	5.0	< 0.1	0.2	0.2	0.4
50	Wild mustard	3.1	0.2	5.0	< 0.1	0.4	0.4	0.4
51	Wormseed mustard	3.1	0.2	5.0	< 0.1	0.4	0.4	0.4
52	Prostrate pigweed	3.1	0.2	5.0	< 0.1	0.2	0.2	0.4

(Table continued on next page)

Table 171. 2014/15 Canola in Crop District 7B in West-Central Saskatchewan (35 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Poplar species	3.1	0.2	5.0	< 0.1	0.2	0.2	0.4
54	Bluebur	2.8	0.1	5.0	< 0.1	0.6	0.6	0.4
55	Field horsetail	1.9	0.1	5.0	< 0.1	0.2	0.2	0.2

Field Survey Summary Tables – Pea in Crop District 7B

Table 172. 2014/15 Pea in Crop District 7B in West-Central Saskatchewan (14 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Narrow-leaved hawk's-beard	69.7	43.5	62.3	25.8	37.0	153.2	59.9
2	Wild oats	78.1	34.9	44.7	12.4	15.8	78.4	38.4
3	Canola/rapeseed	57.1	29.2	51.2	8.1	14.3	70.0	28.1
4	Shepherd's-purse	45.1	23.3	51.7	4.5	10.0	35.8	19.5
5	Wild buckwheat	76.0	20.2	26.5	1.6	2.1	5.8	17.5
6	Green foxtail	54.1	17.9	33.1	3.0	5.5	24.2	16.4
7	Spiny annual sow-thistle	49.4	19.9	40.3	2.3	4.7	18.6	15.6
8	Lamb's-quarters	77.9	11.7	15.0	0.8	1.0	2.8	13.6
9	Wheat	37.6	16.2	43.0	2.3	6.1	15.0	13.0
10	Canada thistle	61.4	9.1	14.9	0.7	1.1	3.4	10.8
11	Common groundsel	15.0	9.0	60.0	1.8	12.3	22.8	7.4
12	Stinkweed	22.6	6.8	30.0	0.6	2.5	6.8	5.6
13	Low cudweed	15.0	5.6	37.5	1.1	7.4	13.8	5.2
14	Hemp-nettle	15.0	4.9	32.5	0.7	4.9	9.4	4.4
15	Wild mustard	7.5	6.0	80.0	1.0	12.8	12.8	4.3
16	Barley	15.0	5.3	35.0	0.5	3.5	3.6	4.2
17	Canada fleabane	22.6	2.6	11.7	0.2	0.7	1.6	3.6
18	Prostrate knotweed	22.6	1.5	6.7	0.1	0.4	0.6	3.1
19	False cleavers	15.0	3.0	20.0	0.2	1.2	2.2	2.9
20	Yellow sweet-clover	12.0	2.5	20.6	0.2	1.4	2.2	2.4
21	Flixweed	15.0	0.8	5.0	< 0.1	0.3	0.4	1.9
22	Russian thistle	12.0	1.4	11.2	0.1	0.4	0.6	1.8
23	Perennial sow-thistle	4.5	2.5	55.0	0.3	7.0	7.0	1.8
24	Dandelion	11.8	0.6	5.0	< 0.1	0.2	0.2	1.5
25	Common pepper-grass	7.5	1.5	20.0	0.1	1.4	1.4	1.5
26	Green tansy mustard	7.5	1.5	20.0	0.1	1.0	1.0	1.4
27	American vetch	7.5	0.8	10.0	0.1	1.8	1.8	1.3
28	Redroot pigweed	4.5	0.9	20.0	0.2	5.0	5.0	1.1
29	Northern willowherb	7.5	0.8	10.0	< 0.1	0.4	0.4	1.1
30	Rough cinquefoil	7.5	0.4	5.0	< 0.1	0.2	0.2	1.0
31	Russian pigweed	7.5	0.4	5.0	< 0.1	0.2	0.2	1.0
32	Annual sow-thistle	7.5	0.4	5.0	< 0.1	0.2	0.2	1.0
33	Willow species	7.5	0.4	5.0	< 0.1	0.2	0.2	1.0
34	Biennial wormwood	7.5	0.4	5.0	< 0.1	0.2	0.2	1.0
35	Lentil	7.5	0.4	5.0	< 0.1	0.2	0.2	1.0
36	Annual spurge species	7.5	0.4	5.0	< 0.1	0.2	0.2	1.0
37	Dock species	7.5	0.4	5.0	< 0.1	0.2	0.2	1.0
38	Rayless aster	4.5	0.5	10.0	0.1	1.6	1.6	0.7
39	Barnyard grass species	4.5	0.2	5.0	0.1	1.4	1.4	0.7
40	Scouler's popcomflower	4.5	0.2	5.0	< 0.1	0.4	0.4	0.6
41	Foxtail barley	4.3	0.2	5.0	< 0.1	0.2	0.2	0.5
42	Rough hair grass	4.3	0.2	5.0	< 0.1	0.2	0.2	0.5

Table 173. 2014/15 Annual crops in Crop District 8A in Northeastern Saskatchewan (97 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Wild oats	54.4	18.6	34.2	3.0	5.5	32.0	25.7
2	Wild buckwheat	73.5	21.1	28.6	1.7	2.3	13.8	25.6
3	Chickweed	31.1	9.8	31.6	4.4	14.1	177.4	22.5
4	False cleavers	48.8	18.2	37.2	2.1	4.3	24.2	22.1
5	Broad-leaved plantain	38.5	9.2	23.8	2.2	5.6	76.0	16.3
6	Low cudweed	26.3	7.1	27.1	2.7	10.2	50.8	15.2
7	Pale smartweed	38.5	10.3	26.8	1.3	3.3	30.6	14.1
8	Field horsetail	23.8	6.8	28.8	2.0	8.2	77.0	12.6
9	Barnyard grass species	27.2	6.9	25.3	1.5	5.7	74.4	11.7
10	Annual sow-thistle	24.4	6.7	27.7	1.6	6.4	90.2	11.4
11	Hemp-nettle	31.7	7.4	23.3	1.0	3.1	24.2	10.9
12	Canola/rapeseed	17.1	4.8	27.9	1.9	11.0	125.6	10.4
13	Dandelion	41.2	5.9	14.2	0.4	0.9	6.0	9.4
14	Wheat	32.8	6.4	19.5	0.5	1.5	8.4	9.0
15	Spiny annual sow-thistle	20.0	7.2	35.9	0.9	4.4	28.8	9.0
16	Canada thistle	31.7	5.0	15.8	0.5	1.4	9.6	8.0
17	Narrow-leaved hawk's-beard	19.6	4.0	20.3	0.7	3.7	24.0	6.8
18	Shepherd's-purse	22.2	4.7	21.2	0.5	2.2	10.0	6.7
19	Blue grass species	6.3	1.1	17.7	1.1	16.8	61.8	4.6
20	Lamb's-quarters	17.1	2.7	15.9	0.2	1.0	3.6	4.1
21	Night-flowering catchfly	19.1	1.5	7.6	0.1	0.7	5.4	3.6
22	Northern willowherb	13.8	2.1	14.9	0.2	1.1	7.8	3.3
23	Clover species	10.0	1.9	18.9	0.3	2.8	15.0	3.1
24	Green foxtail	6.2	2.6	42.1	0.3	4.9	12.0	3.1
25	Marsh yellow cress	11.7	1.4	11.7	0.2	1.8	11.4	2.8
26	Alfalfa	4.5	2.3	51.0	0.3	6.6	17.6	2.7
27	Stork's-bill	7.2	1.9	26.3	0.3	3.5	15.2	2.7
28	Purslane speedwell	8.6	1.3	14.6	0.2	2.5	10.6	2.4
29	Foxtail barley	8.1	1.0	12.3	0.1	1.8	5.0	2.0
30	American dragonhead	8.0	1.1	13.3	0.1	0.6	1.6	1.7
31	Rough cinquefoil	7.5	0.8	10.6	0.1	1.5	6.0	1.7
32	Round-leaved mallow	7.7	0.7	9.5	< 0.1	0.4	1.4	1.5
33	Barley	3.0	1.0	33.6	0.1	4.6	13.2	1.3
34	Pineappleweed	5.0	0.7	14.9	0.1	1.7	3.2	1.3
35	Wild mustard	4.5	0.6	13.4	< 0.1	0.6	1.4	1.0
36	Prostrate knotweed	4.8	0.4	8.1	< 0.1	0.4	1.4	0.9
37	Dog mustard	1.0	0.6	60.0	0.1	8.6	8.6	0.7
38	Quack grass	2.4	0.5	22.8	< 0.1	1.2	1.4	0.7
39	Bluebur	3.5	0.2	6.7	< 0.1	0.7	1.2	0.6
40	Henbit	1.0	0.6	65.0	0.1	5.4	5.4	0.6
41	Stinkweed	3.2	0.2	6.5	< 0.1	0.3	0.4	0.5
42	American vetch	2.0	0.3	14.9	< 0.1	0.8	1.4	0.4
43	Borage	1.2	0.4	30.0	< 0.1	2.6	2.6	0.4
44	Oats	1.0	0.1	15.0	0.1	6.4	6.4	0.4
45	Poplar species	1.9	0.2	9.8	< 0.1	0.7	1.2	0.4
46	Perennial sow-thistle	2.3	0.1	5.0	< 0.1	0.2	0.2	0.4
47	Flax	1.0	0.3	30.0	< 0.1	2.8	2.8	0.4
48	Canada fleabane	1.3	0.3	20.0	< 0.1	1.2	1.2	0.3
49	Flixweed	2.1	0.1	5.0	< 0.1	0.2	0.2	0.3
50	Bicknell's geranium	2.0	0.1	5.0	< 0.1	0.2	0.2	0.3
51	Lentil	2.0	0.1	5.0	< 0.1	0.2	0.2	0.3
52	Tumble pigweed	1.3	0.2	15.0	< 0.1	1.0	1.0	0.3

(Table continued on next page)

Field Survey Summary Tables – Crop District 8A

Table 173. 2014/15 Annual crops in Crop District 8A in Northeastern Saskatchewan (97 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Rayless aster	1.8	0.1	5.0	< 0.1	0.2	0.2	0.3
54	Philadelphia fleabane	1.0	0.1	15.0	< 0.1	1.4	1.4	0.2
55	White cockle	1.3	0.1	10.0	< 0.1	0.4	0.4	0.2
56	Yellow sweet-clover	1.0	0.1	15.0	< 0.1	0.6	0.6	0.2
57	Wild tomato	1.0	0.1	10.0	< 0.1	0.8	0.8	0.2
58	Biennial wormwood	0.8	0.1	15.0	< 0.1	1.2	1.2	0.2
59	Black medick	1.0	0.1	10.0	< 0.1	0.4	0.4	0.2
60	Field violet	0.9	0.1	10.0	< 0.1	0.8	0.8	0.2
61	Siberian elm	1.0	< 0.1	5.0	< 0.1	0.2	0.2	0.2
62	Ball mustard	1.0	< 0.1	5.0	< 0.1	0.2	0.2	0.2

Table 174. 2014/15 Spring wheat in Crop District 8A in Northeastern Saskatchewan (23 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	False cleavers	54.5	20.7	37.9	2.8	5.1	24.2	34.2
2	Wild oats	43.2	15.7	36.3	3.3	7.7	31.2	31.5
3	Wild buckwheat	77.8	17.6	22.7	1.3	1.6	6.4	28.6
4	Annual sow-thistle	16.5	7.7	46.8	4.2	25.8	90.2	26.3
5	Spiny annual sow-thistle	25.8	15.3	59.2	2.6	10.1	28.8	25.6
6	Dandelion	57.8	8.3	14.4	0.6	1.0	6.0	16.5
7	Hemp-nettle	45.0	6.3	13.9	0.9	2.0	8.2	14.6
8	Pale smartweed	33.9	7.8	23.1	0.7	2.2	7.4	13.4
9	Field horsetail	26.7	7.5	28.3	1.0	3.7	8.0	13.3
10	Canada thistle	44.0	6.5	14.8	0.5	1.0	4.0	12.6
11	Blue grass species	8.8	2.6	30.0	1.2	13.7	27.0	8.3
12	Barnyard grass species	16.9	3.4	20.0	0.7	4.1	12.2	7.8
13	Canola/rapeseed	24.7	3.8	15.5	0.3	1.0	3.4	7.2
14	Low cudweed	24.7	1.9	7.6	0.5	2.1	4.2	7.0
15	Broad-leaved plantain	16.9	3.0	17.5	0.3	1.8	5.0	5.7
16	Foxtail barley	18.3	1.7	9.1	0.4	2.1	5.0	5.4
17	Shepherd's-purse	21.3	1.7	7.9	0.1	0.4	1.2	4.6
18	Chickweed	20.7	1.7	8.1	0.1	0.4	0.6	4.4
19	Night-flowering catchfly	18.5	1.1	6.1	0.1	0.7	1.8	4.0
20	Rough cinquefoil	12.7	0.6	5.0	0.3	2.2	6.0	3.5
21	Narrow-leaved hawk's-beard	17.2	1.1	6.2	0.1	0.3	0.4	3.4
22	Borage	5.1	1.5	30.0	0.1	2.6	2.6	2.4
23	Lamb's-quarters	9.3	1.0	10.5	< 0.1	0.5	0.8	2.2
24	Flax	4.2	1.3	30.0	0.1	2.8	2.8	2.0
25	Round-leaved mallow	8.6	0.9	10.1	< 0.1	0.4	0.6	2.0
26	Pineappleweed	8.6	0.6	7.4	0.1	0.6	1.0	1.9
27	American dragonhead	7.7	0.6	7.7	< 0.1	0.3	0.4	1.6
28	Green foxtail	4.4	0.7	15.0	0.1	2.0	2.0	1.5
29	Stork's-bill	5.8	0.6	10.0	< 0.1	0.6	0.6	1.4
30	Philadelphia fleabane	4.1	0.6	15.0	0.1	1.4	1.4	1.3
31	Northern willowherb	4.2	0.6	15.0	< 0.1	0.8	0.8	1.2
32	Marsh yellow cress	4.2	0.4	10.0	0.1	1.4	1.4	1.1
33	Perennial sow-thistle	5.8	0.3	5.0	< 0.1	0.2	0.2	1.1
34	Wild tomato	4.2	0.4	10.0	< 0.1	0.8	0.8	1.0
35	Black medick	4.2	0.4	10.0	< 0.1	0.4	0.4	0.9
36	Clover species	4.2	0.2	5.0	< 0.1	0.4	0.4	0.8

Field Survey Summary Tables – Barley in Crop District 8A

Table 175. 2014/15 Barley in Crop District 8A in Northeastern Saskatchewan (10 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Wild buckwheat	80.5	42.2	52.4	4.1	5.0	13.8	45.0
2	Chickweed	38.3	20.1	52.4	5.9	15.4	35.2	35.2
3	Wild oats	51.7	26.2	50.8	4.3	8.3	25.2	34.3
4	Pale smartweed	48.2	21.2	44.0	4.9	10.2	30.6	33.7
5	Annual sow-thistle	57.9	20.6	35.5	2.2	3.8	14.0	25.3
6	False cleavers	58.1	20.2	34.8	1.7	2.9	9.2	23.3
7	Wheat	57.6	4.3	7.5	0.2	0.4	0.6	10.7
8	Canola/rapeseed	39.1	6.1	15.6	0.3	0.7	2.0	9.3
9	Barnyard grass species	28.8	5.9	20.4	0.7	2.4	3.6	9.1
10	Stork's-bill	19.4	6.9	35.5	0.9	4.4	9.2	8.9
11	Low cudweed	19.7	3.0	15.0	0.7	3.7	5.8	6.6
12	Canada thistle	29.2	3.9	13.4	0.2	0.7	1.0	6.6
13	Shepherd's-purse	9.1	4.1	45.0	0.5	5.4	5.4	4.9
14	Hemp-nettle	19.0	2.3	12.2	0.3	1.6	2.2	4.7
15	Dandelion	19.4	2.5	13.0	0.2	1.2	2.0	4.6
16	Broad-leaved plantain	19.0	2.8	15.0	0.2	0.9	1.2	4.6
17	Oats	9.9	1.5	15.0	0.6	6.4	6.4	4.2
18	Spiny annual sow-thistle	9.9	3.9	40.0	0.2	2.4	2.4	4.0
19	Foxtail barley	9.1	3.2	35.0	0.3	3.6	3.6	3.9
20	Narrow-leaved hawk's-beard	9.9	2.0	20.0	0.2	1.6	1.6	2.8
21	Round-leaved mallow	9.1	2.3	25.0	0.1	1.4	1.4	2.8
22	Northern willowherb	9.9	1.5	15.0	0.1	0.6	0.6	2.3
23	Prostrate knotweed	12.6	0.6	5.0	<0.1	0.2	0.2	2.1
24	Night-flowering catchfly	10.3	1.0	10.0	<0.1	0.4	0.4	2.1
25	Field horsetail	9.9	1.0	10.0	<0.1	0.4	0.4	2.0
26	Field violet	9.1	0.9	10.0	0.1	0.8	0.8	1.9
27	Marsh yellow cress	9.1	0.9	10.0	<0.1	0.4	0.4	1.8
28	Lamb's-quarters	9.9	0.5	5.0	<0.1	0.2	0.2	1.7
29	Rayless aster	9.1	0.5	5.0	<0.1	0.2	0.2	1.5

Table 176. 2014/15 Canola in Crop District 8A in Northeastern Saskatchewan (48 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Broad-leaved plantain	54.0	15.1	27.9	4.0	7.5	76.0	25.1
2	Wild buckwheat	76.0	21.5	28.3	1.7	2.3	10.2	23.9
3	Chickweed	39.1	12.9	32.9	4.0	10.3	68.0	22.4
4	False cleavers	51.3	19.5	38.1	2.3	4.4	22.0	21.8
5	Low cudweed	33.5	11.1	33.0	4.2	12.5	50.8	21.3
6	Wild oats	51.2	14.5	28.3	2.6	5.1	32.0	20.3
7	Barnyard grass species	30.6	7.5	24.6	2.3	7.6	74.4	13.8
8	Wheat	48.8	11.5	23.6	0.9	1.9	8.4	13.7
9	Pale smartweed	37.5	9.2	24.4	0.8	2.3	9.4	11.1
10	Narrow-leaved hawk's-beard	24.9	6.6	26.7	1.4	5.5	24.0	10.0
11	Shepherd's-purse	31.0	7.8	25.2	0.8	2.7	10.0	9.6
12	Field horsetail	24.8	5.6	22.7	1.1	4.5	26.0	8.8
13	Dandelion	39.2	5.4	13.8	0.3	0.8	2.0	7.9
14	Canada thistle	28.2	5.7	20.3	0.6	2.2	9.6	7.7
15	Hemp-nettle	27.4	5.9	21.7	0.4	1.5	3.4	7.2
16	Annual sow-thistle	23.7	4.7	19.7	0.6	2.5	22.0	6.7
17	Blue grass species	8.6	1.0	11.6	1.6	18.3	61.8	6.1
18	Spiny annual sow-thistle	19.6	4.6	23.5	0.3	1.7	7.2	5.4
19	Northern willowherb	22.0	3.5	15.8	0.3	1.3	7.8	4.9
20	Lamb's-quarters	21.7	3.7	17.1	0.2	1.0	2.2	4.9
21	Alfalfa	7.2	4.5	62.6	0.6	8.0	17.6	4.6
22	Purslane speedwell	17.5	2.6	14.6	0.4	2.5	10.6	4.5
23	Night-flowering catchfly	21.9	1.9	8.7	0.2	0.9	5.4	3.9
24	Green foxtail	8.4	3.8	45.8	0.3	3.9	8.6	3.7
25	Marsh yellow cress	13.8	2.1	15.1	0.4	2.6	11.4	3.6
26	Clover species	14.2	1.7	12.1	0.2	1.1	2.0	2.9
27	Stork's-bill	6.0	2.1	34.9	0.3	5.3	15.2	2.6
28	American dragonhead	12.5	1.9	14.9	0.1	0.7	1.6	2.6
29	Barley	6.2	2.1	33.6	0.3	4.6	13.2	2.5
30	Rough cinquefoil	7.1	1.2	17.0	0.1	1.2	2.4	1.6
31	Wild mustard	6.6	1.0	14.7	< 0.1	0.7	1.4	1.3
32	Dog mustard	2.0	1.2	60.0	0.2	8.6	8.6	1.3
33	Round-leaved mallow	8.0	0.5	6.6	< 0.1	0.3	0.4	1.2
34	Bluebur	7.1	0.5	6.7	< 0.1	0.7	1.2	1.2
35	Pineappleweed	4.0	0.8	20.0	0.1	2.2	3.2	1.1
36	Foxtail barley	5.8	0.6	9.7	< 0.1	0.8	1.4	1.1
37	Prostrate knotweed	4.6	0.5	11.6	< 0.1	0.7	1.4	0.9
38	Poplar species	3.9	0.4	9.8	< 0.1	0.7	1.2	0.7
39	Stinkweed	4.0	0.3	7.5	< 0.1	0.3	0.4	0.6
40	Canada fleabane	2.6	0.5	20.0	< 0.1	1.2	1.2	0.6
41	Flixweed	4.3	0.2	5.0	< 0.1	0.2	0.2	0.6
42	Bicknell's geranium	4.0	0.2	5.0	< 0.1	0.2	0.2	0.6
43	Lentil	4.0	0.2	5.0	< 0.1	0.2	0.2	0.6
44	Tumble pigweed	2.6	0.4	15.0	< 0.1	1.0	1.0	0.5
45	American vetch	2.0	0.5	25.0	< 0.1	1.4	1.4	0.5
46	Quack grass	2.1	0.4	20.0	< 0.1	1.0	1.0	0.5
47	Yellow sweet-clover	2.0	0.3	15.0	< 0.1	0.6	0.6	0.4
48	Biennial wormwood	1.7	0.3	15.0	< 0.1	1.2	1.2	0.4
49	Siberian elm	2.0	0.1	5.0	< 0.1	0.2	0.2	0.3
50	Ball mustard	2.0	0.1	5.0	< 0.1	0.2	0.2	0.3
51	Rayless aster	1.9	0.1	5.0	< 0.1	0.2	0.2	0.3

Field Survey Summary Tables – Crop District 8B

Table 177. 2014/15 Annual crops in Crop District 8B in Northeastern Saskatchewan (140 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	38.5	18.1	47.0	8.5	22.0	285.4	24.7
2	Barnyard grass species	29.5	12.1	41.1	10.3	34.9	272.6	24.5
3	Wild oats	58.9	21.8	37.0	5.5	9.4	168.4	23.4
4	Wild buckwheat	72.4	27.5	38.0	3.3	4.6	46.2	23.4
5	False cleavers	62.9	26.0	41.3	3.9	6.3	44.4	22.9
6	Canola/rapeseed	55.3	24.2	43.8	3.6	6.5	43.6	20.9
7	Spiny annual sow-thistle	49.6	14.0	28.2	4.8	9.7	373.8	18.3
8	Canada thistle	54.3	11.0	20.2	1.0	1.8	28.4	11.4
9	Low cudweed	25.7	8.0	31.0	3.1	12.1	71.8	10.8
10	Northern willowherb	31.8	6.8	21.4	1.3	4.1	66.2	8.0
11	Pale smartweed	28.6	7.1	24.8	1.3	4.7	81.2	7.9
12	Broad-leaved plantain	25.4	5.6	22.1	1.2	4.7	48.8	6.7
13	Shepherd's-purse	26.3	6.1	23.0	0.7	2.6	22.6	6.2
14	Dandelion	32.2	5.2	16.1	0.4	1.4	14.4	6.0
15	Lamb's-quarters	31.8	4.7	14.7	0.3	1.1	14.4	5.6
16	Perennial sow-thistle	27.9	4.8	17.0	0.3	1.1	4.6	5.2
17	Wheat	21.3	5.1	23.8	0.6	2.6	13.8	5.0
18	Field horsetail	17.3	3.5	20.0	1.0	5.5	25.8	4.7
19	Chickweed	10.5	3.1	29.5	1.2	11.2	47.2	4.2
20	Narrow-leaved hawk's-beard	19.8	3.7	18.7	0.4	2.1	19.4	4.1
21	Foxtail barley	19.6	3.3	16.8	0.5	2.5	19.8	4.1
22	Marsh yellow cress	11.6	2.3	19.5	1.0	8.9	94.6	3.7
23	Stork's-bill	10.9	3.5	32.3	0.7	6.5	31.8	3.6
24	Night-flowering catchfly	15.7	3.6	23.0	0.3	2.1	16.6	3.5
25	Purslane speedwell	13.7	2.2	16.2	0.7	5.3	70.2	3.4
26	Black medick	5.9	1.8	30.1	0.8	13.3	88.4	2.6
27	Slough grass	5.8	1.4	24.2	0.5	8.9	34.8	2.0
28	Willow species	9.0	1.4	15.6	0.3	3.3	37.4	2.0
29	Canada fleabane	10.6	1.3	12.5	0.1	1.2	8.8	1.8
30	Blue grass species	1.4	1.0	72.4	0.7	53.6	54.4	1.8
31	Round-leaved mallow	10.1	1.2	11.7	0.1	0.7	2.4	1.6
32	Annual sow-thistle	4.3	1.9	43.6	0.2	5.6	15.0	1.5
33	Hemp-nettle	9.3	1.0	10.6	0.1	1.2	7.0	1.5
34	Biennial wormwood	7.9	1.2	15.1	0.1	1.2	8.6	1.4
35	Rayless aster	8.7	0.9	10.1	0.1	0.6	1.8	1.3
36	Redroot pigweed	2.3	0.5	21.4	0.4	18.1	47.8	1.1
37	Prostrate knotweed	7.0	0.7	10.0	< 0.1	0.5	1.6	1.0
38	American dragonhead	7.1	0.5	7.0	< 0.1	0.3	1.0	1.0
39	Stinkweed	5.5	0.7	12.6	0.1	1.0	3.6	0.9
40	Golden dock	3.5	0.9	24.8	0.1	3.9	17.8	0.9
41	Scouring-rush	1.3	0.3	25.2	0.4	30.3	58.8	0.9
42	Kochia	5.3	0.7	12.3	< 0.1	0.9	3.0	0.9
43	Oak-leaved goosefoot	4.3	0.7	15.5	0.1	1.8	4.6	0.8
44	Rough cinquefoil	4.2	0.6	14.5	0.1	2.5	13.6	0.8
45	Pygmyflower	5.0	0.4	7.8	< 0.1	0.6	2.0	0.7
46	Pineappleweed	4.9	0.4	7.9	< 0.1	0.6	1.8	0.7
47	Henbit	3.9	0.5	11.5	< 0.1	0.6	1.4	0.6
48	Borage	0.8	0.7	90.0	0.2	20.2	20.2	0.6
49	Common groundsel	3.6	0.5	12.5	< 0.1	0.8	2.4	0.6
50	American vetch	4.2	0.3	7.4	< 0.1	0.6	1.4	0.6
51	Flax	1.5	0.6	40.3	0.1	7.5	11.6	0.6
52	Prostrate pigweed	3.7	0.4	10.0	< 0.1	0.5	1.0	0.5

(Table continued on next page)

Table 177. 2014/15 Annual crops in Crop District 8B in Northeastern Saskatchewan (140 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Flixweed	2.8	0.4	14.4	<0.1	1.6	5.0	0.5
54	Alfalfa	2.3	0.5	21.4	<0.1	2.0	5.4	0.5
55	Wild mustard	3.0	0.2	6.3	<0.1	0.3	0.4	0.4
56	Field violet	2.2	0.3	13.5	<0.1	1.1	2.2	0.4
57	Quack grass	1.5	0.3	21.8	<0.1	2.8	3.6	0.3
58	Rough hair grass	2.0	0.2	9.8	<0.1	1.5	2.0	0.3
59	Garden sorrel	0.7	0.2	35.0	0.1	12.8	12.8	0.3
60	Poplar species	2.2	0.1	5.0	<0.1	0.2	0.2	0.3
61	Tumble pigweed	2.1	0.1	5.0	<0.1	0.3	0.4	0.3
62	Oats	0.8	0.3	40.0	<0.1	5.2	5.2	0.3
63	Wood whitlow-grass	1.3	0.2	17.4	<0.1	1.1	1.6	0.2
64	Wormseed mustard	0.7	0.3	50.0	<0.1	3.0	3.0	0.2
65	Small-seeded false flax	0.8	0.3	35.0	<0.1	3.2	3.2	0.2
66	Dock species	1.5	0.1	7.5	<0.1	0.3	0.4	0.2
67	Clover species	1.4	0.1	10.0	<0.1	0.4	0.6	0.2
68	Bicknell's geranium	1.5	0.1	5.0	<0.1	0.2	0.2	0.2
69	Barley	0.8	0.2	25.0	<0.1	1.4	1.4	0.2
70	Absinth	1.3	0.1	5.0	<0.1	0.2	0.2	0.2
71	Scentless chamomile	0.7	0.2	30.0	<0.1	1.4	1.4	0.2
72	Small-leaved lamb's-quarters	0.7	0.1	10.0	<0.1	3.6	3.6	0.1
73	Lentil	0.7	0.1	10.0	<0.1	0.6	0.6	0.1
74	Purslane	0.7	0.1	10.0	<0.1	0.4	0.4	0.1
75	Annual brome species	0.7	0.1	10.0	<0.1	0.4	0.4	0.1
76	Sedge species	0.8	<0.1	5.0	<0.1	0.4	0.4	0.1
77	Spear-leaved goosefoot	0.8	<0.1	5.0	<0.1	0.4	0.4	0.1
78	Clammy hedge-hyssop	0.8	<0.1	5.0	<0.1	0.2	0.2	0.1
79	Persian damel	0.7	<0.1	5.0	<0.1	0.2	0.2	0.1
80	Manitoba maple	0.7	<0.1	5.0	<0.1	0.2	0.2	0.1
81	Cow cockle	0.7	<0.1	5.0	<0.1	0.2	0.2	0.1
82	Yellow sweet-clover	0.7	<0.1	5.0	<0.1	0.2	0.2	0.1
83	Annual spurge species	0.7	<0.1	5.0	<0.1	0.4	0.4	0.1
84	Cattail	0.6	<0.1	5.0	<0.1	0.2	0.2	0.1

Field Survey Summary Tables – Spring wheat in Crop District 8B

Table 178. 2014/15 Spring wheat in Crop District 8B in Northeastern Saskatchewan (50 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Barnyard grass species	26.1	11.0	42.2	13.3	51.1	271.4	30.3
2	Wild buckwheat	70.2	33.5	47.7	4.6	6.5	46.2	27.7
3	False cleavers	72.7	29.7	40.9	4.0	5.6	26.4	25.6
4	Canola/rapeseed	60.6	26.2	43.3	3.0	5.0	19.6	21.2
5	Wild oats	52.7	17.1	32.5	5.1	9.7	152.2	20.8
6	Green foxtail	44.1	17.1	38.7	5.0	11.3	81.0	19.7
7	Spiny annual sow-thistle	52.4	19.0	36.2	2.3	4.3	32.2	16.4
8	Canada thistle	61.3	15.1	24.7	1.5	2.5	28.4	14.5
9	Low cudweed	26.3	8.2	31.4	4.3	16.3	67.2	13.3
10	Pale smartweed	30.3	7.9	26.1	1.1	3.6	17.4	8.0
11	Northern willowherb	34.5	6.1	17.7	0.8	2.3	17.8	7.2
12	Broad-leaved plantain	28.3	5.3	18.9	0.9	3.2	22.8	6.5
13	Perennial sow-thistle	29.9	6.6	22.1	0.5	1.6	4.6	6.3
14	Lamb's-quarters	34.8	5.4	15.6	0.4	1.2	14.4	6.3
15	Dandelion	31.7	5.6	17.8	0.5	1.5	13.8	6.2
16	Chickweed	14.1	3.9	27.4	1.3	8.9	25.2	5.1
17	Field horsetail	21.9	4.1	18.6	0.7	3.2	12.4	5.0
18	Marsh yellow cress	18.7	3.1	16.4	0.9	5.0	26.8	4.7
19	Narrow-leaved hawk's-beard	18.4	4.0	21.7	0.6	3.1	19.4	4.4
20	Foxtail barley	26.5	2.7	10.2	0.3	1.3	5.6	4.3
21	Night-flowering catchfly	18.4	3.5	18.8	0.2	1.1	2.4	3.5
22	Slough grass	6.5	1.6	25.1	0.8	13.0	34.8	2.8
23	Stork's-bill	7.5	2.8	37.6	0.4	5.4	17.2	2.5
24	Blue grass species	2.0	1.2	60.0	1.1	54.4	54.4	2.5
25	Purslane speedwell	14.4	1.7	11.5	0.2	1.6	4.8	2.5
26	Canada fleabane	10.0	2.3	23.2	0.3	3.0	8.8	2.4
27	Shepherd's-purse	12.3	1.9	15.4	0.2	1.9	6.8	2.4
28	Wheat	6.3	2.6	41.5	0.4	6.8	13.8	2.4
29	Round-leaved mallow	12.0	1.6	13.8	0.1	1.0	2.4	2.0
30	Biennial wormwood	8.2	2.2	27.4	0.2	2.6	8.6	2.0
31	Hemp-nettle	10.4	1.4	13.4	0.2	1.6	7.0	1.9
32	Rayless aster	10.3	1.3	12.2	0.1	0.6	1.8	1.6
33	Annual sow-thistle	5.8	1.6	28.2	0.2	3.3	10.2	1.5
34	Black medick	4.3	1.5	35.7	0.2	3.9	6.2	1.3
35	American dragonhead	10.0	0.6	6.1	< 0.1	0.2	0.4	1.3
36	Common groundsel	6.4	1.1	16.8	0.1	1.1	2.4	1.2
37	Stinkweed	5.8	1.1	18.5	0.1	1.7	3.6	1.2
38	Willow species	8.0	0.7	8.3	< 0.1	0.5	1.4	1.1
39	Pygmyflower	5.8	0.7	11.8	< 0.1	0.6	0.8	0.9
40	Prostrate knotweed	5.9	0.6	9.9	< 0.1	0.5	0.6	0.9
41	American vetch	5.9	0.5	8.1	< 0.1	0.8	1.4	0.9
42	Kochia	6.3	0.3	5.0	< 0.1	0.2	0.2	0.8
43	Oats	2.1	0.8	40.0	0.1	5.2	5.2	0.7
44	Field violet	4.0	0.5	12.7	0.1	1.3	2.2	0.7
45	Golden dock	4.1	0.5	12.2	< 0.1	0.5	0.8	0.6
46	Quack grass	1.9	0.7	35.0	0.1	3.6	3.6	0.6
47	Dock species	4.2	0.3	7.5	< 0.1	0.3	0.4	0.6
48	Bicknell's geranium	4.2	0.2	5.0	< 0.1	0.2	0.2	0.5
49	Henbit	3.7	0.2	5.0	< 0.1	0.2	0.2	0.5
50	Oak-leaved goosefoot	1.9	0.3	15.0	0.1	2.8	2.8	0.4
51	Purslane	1.9	0.2	10.0	< 0.1	0.4	0.4	0.3
52	Scouring-rush	1.8	0.2	10.0	< 0.1	1.0	1.0	0.3

(Table continued on next page)

Table 178. 2014/15 Spring wheat in Crop District 8B in Northeastern Saskatchewan (50 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Sedge species	2.2	0.1	5.0	< 0.1	0.4	0.4	0.3
54	Poplar species	2.2	0.1	5.0	< 0.1	0.2	0.2	0.3
55	Spear-leaved goosefoot	2.1	0.1	5.0	< 0.1	0.4	0.4	0.3
56	Wild mustard	2.1	0.1	5.0	< 0.1	0.4	0.4	0.3
57	Rough cinquefoil	2.1	0.1	5.0	< 0.1	0.2	0.2	0.3
58	Pineappleweed	1.9	0.1	5.0	< 0.1	0.2	0.2	0.2
59	Annual spurge species	1.9	0.1	5.0	< 0.1	0.4	0.4	0.2
60	Prostrate pigweed	1.9	0.1	5.0	< 0.1	0.2	0.2	0.2

Field Survey Summary Tables – Barley in Crop District 8B

Table 179. 2014/15 Barley in Crop District 8B in Northeastern Saskatchewan (16 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	44.6	30.2	67.6	34.8	78.0	285.4	68.8
2	Canola/rapeseed	70.1	39.0	55.7	7.5	10.7	38.2	34.8
3	Wild oats	68.8	31.6	45.9	4.1	6.0	15.0	26.6
4	False cleavers	50.6	24.1	47.7	3.2	6.3	17.2	20.2
5	Wild buckwheat	76.0	19.8	26.1	1.8	2.4	9.8	19.3
6	Barnyard grass species	28.3	9.9	34.9	2.7	9.5	15.2	11.2
7	Canada thistle	49.3	10.1	20.4	0.9	1.8	7.0	10.9
8	Wheat	31.2	10.8	34.5	1.0	3.3	6.4	9.4
9	Dandelion	38.1	8.5	22.3	1.0	2.7	14.4	9.2
10	Spiny annual sow-thistle	49.5	5.8	11.7	0.3	0.7	2.4	8.4
11	Scouring-rush	5.8	2.3	40.0	3.4	58.8	58.8	6.7
12	Northern willowherb	32.5	5.4	16.7	0.5	1.4	5.4	6.5
13	Foxtail barley	19.2	5.8	30.2	0.9	4.7	11.0	5.8
14	Perennial sow-thistle	32.3	3.3	10.1	0.2	0.5	0.8	5.2
15	Shepherd's-purse	32.5	2.6	8.0	0.1	0.4	0.4	4.9
16	Stork's-bill	17.6	3.7	21.1	0.8	4.3	12.4	4.6
17	Night-flowering catchfly	18.1	3.9	21.8	0.3	1.6	3.0	4.1
18	Broad-leaved plantain	12.3	3.6	28.9	0.5	4.0	6.6	3.5
19	Narrow-leaved hawk's-beard	17.9	2.5	13.9	0.2	1.0	1.6	3.3
20	Redroot pigweed	13.4	2.6	19.6	0.4	2.8	5.6	3.1
21	Lamb's-quarters	18.9	2.0	10.4	0.1	0.5	1.0	3.1
22	Chickweed	6.5	1.9	30.0	1.0	14.8	14.8	2.9
23	Pale smartweed	17.5	1.5	8.3	0.1	0.8	1.8	2.8
24	Garden sorrel	6.1	2.1	35.0	0.8	12.8	12.8	2.7
25	Wormseed mustard	5.8	2.9	50.0	0.2	3.0	3.0	2.1
26	Purslane speedwell	12.9	1.0	7.7	0.1	0.4	0.6	1.9
27	Willow species	12.1	0.9	7.3	< 0.1	0.4	0.6	1.8
28	Round-leaved mallow	11.4	0.6	5.0	< 0.1	0.3	0.4	1.6
29	Henbit	11.4	0.6	5.0	< 0.1	0.2	0.2	1.5
30	Stinkweed	5.8	1.2	20.0	0.1	1.6	1.6	1.3
31	American dragonhead	6.0	1.2	20.0	0.1	1.0	1.0	1.3
32	Canada fleabane	5.8	1.2	20.0	0.1	1.0	1.0	1.2
33	Marsh yellow cress	5.6	1.1	20.0	0.1	1.4	1.4	1.2
34	Alfalfa	6.5	1.0	15.0	< 0.1	0.6	0.6	1.2
35	Rough cinquefoil	5.8	0.9	15.0	< 0.1	0.6	0.6	1.1
36	Field horsetail	5.6	0.6	10.0	0.1	1.4	1.4	1.0
37	Kochia	6.9	0.3	5.0	< 0.1	0.2	0.2	0.9
38	Pygmyflower	6.5	0.3	5.0	< 0.1	0.2	0.2	0.9
39	American vetch	6.5	0.3	5.0	< 0.1	0.2	0.2	0.9
40	Absinth	5.8	0.3	5.0	< 0.1	0.2	0.2	0.8
41	Biennial wormwood	5.8	0.3	5.0	< 0.1	0.2	0.2	0.8
42	Common groundsel	5.6	0.3	5.0	< 0.1	0.2	0.2	0.8

Table 180. 2014/15 Oat in Crop District 8B in Northeastern Saskatchewan (10 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Barnyard grass species	69.0	39.9	57.9	56.4	81.7	272.6	49.2
2	Green foxtail	39.8	33.0	82.9	20.2	50.8	115.0	24.0
3	Wild oats	40.9	25.5	62.4	19.9	48.8	168.4	21.9
4	Canola/rapeseed	69.4	28.4	41.0	4.1	5.9	29.0	16.1
5	Wild buckwheat	61.2	21.0	34.3	3.3	5.4	22.2	12.9
6	False cleavers	61.3	18.5	30.1	3.6	5.9	11.4	12.4
7	Pale smartweed	31.3	16.3	52.0	8.7	27.9	81.2	12.1
8	Low cudweed	39.3	12.9	32.7	7.2	18.2	71.8	11.0
9	Purslane speedwell	30.5	10.9	35.7	8.1	26.5	70.2	10.2
10	Marsh yellow cress	9.8	9.8	100.0	9.2	94.6	94.6	8.8
11	Canada thistle	59.6	10.6	17.8	1.2	2.0	5.8	8.7
12	Northern willowherb	38.5	9.1	23.8	3.2	8.4	30.8	7.7
13	Lamb's-quarters	60.0	7.5	12.6	0.5	0.8	1.6	7.5
14	Broad-leaved plantain	28.6	9.7	34.1	3.4	11.9	33.4	7.1
15	Field horsetail	20.5	9.1	44.3	4.0	19.6	25.8	6.6
16	Willow species	18.8	9.2	49.0	3.7	19.6	37.4	6.3
17	Blue grass species	9.8	8.3	85.0	5.2	52.8	52.8	6.1
18	Chickweed	9.8	7.3	75.0	4.6	47.2	47.2	5.5
19	Spiny annual sow-thistle	31.4	7.5	23.8	0.8	2.7	7.4	5.2
20	Prostrate knotweed	40.6	5.5	13.5	0.3	0.7	1.6	5.2
21	Shepherd's-purse	18.8	9.2	48.8	1.1	5.8	9.8	4.7
22	Narrow-leaved hawk's-beard	31.7	5.6	17.6	0.5	1.7	3.8	4.5
23	Night-flowering catchfly	9.8	7.8	80.0	1.6	16.6	16.6	3.9
24	Foxtail barley	19.7	5.9	30.1	0.5	2.4	3.8	3.6
25	Wheat	30.9	2.5	8.2	0.3	1.0	2.4	3.5
26	Dandelion	19.6	5.4	27.5	0.3	1.6	2.4	3.3
27	Perennial sow-thistle	19.7	4.4	22.4	0.5	2.7	4.4	3.2
28	Black medick	20.5	3.7	17.9	0.2	1.0	1.6	2.9
29	Biennial wormwood	19.7	2.5	12.5	0.1	0.5	0.6	2.4
30	Oak-leaved goosefoot	9.8	4.4	45.0	0.4	4.6	4.6	2.3
31	Pygmyflower	20.7	1.0	5.0	0.2	1.1	2.0	2.2
32	Field violet	10.7	1.6	15.0	0.1	0.6	0.6	1.4
33	Quack grass	11.1	1.1	10.0	0.2	2.0	2.0	1.4
34	Stork's-bill	9.8	1.0	10.0	0.2	1.6	1.6	1.2
35	Flixweed	9.9	1.0	10.0	< 0.1	0.4	0.4	1.1
36	Canada fleabane	9.8	1.0	10.0	0.1	0.6	0.6	1.1
37	Rough hair grass	9.8	1.0	10.0	0.1	0.6	0.6	1.1
38	Hemp-nettle	9.0	0.9	10.0	0.1	0.8	0.8	1.1
39	Kochia	9.9	0.5	5.0	< 0.1	0.2	0.2	1.0
40	Cow cockle	9.9	0.5	5.0	< 0.1	0.2	0.2	1.0
41	Pineappleweed	9.8	0.5	5.0	< 0.1	0.4	0.4	1.0
42	Rayless aster	9.8	0.5	5.0	< 0.1	0.2	0.2	1.0
43	Common groundsel	9.8	0.5	5.0	< 0.1	0.2	0.2	1.0
44	Wild mustard	9.8	0.5	5.0	< 0.1	0.2	0.2	1.0
45	Yellow sweet-clover	9.8	0.5	5.0	< 0.1	0.2	0.2	1.0
46	American dragonhead	9.0	0.5	5.0	< 0.1	0.4	0.4	0.9
47	Slough grass	9.0	0.5	5.0	< 0.1	0.2	0.2	0.9
48	Tumble pigweed	9.0	0.5	5.0	< 0.1	0.2	0.2	0.9
49	Stinkweed	9.0	0.5	5.0	< 0.1	0.2	0.2	0.9

Field Survey Summary Tables – Canola in Crop District 8B

Table 181. 2014/15 Canola in Crop District 8B in Northeastern Saskatchewan (60 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Spiny annual sow-thistle	50.0	13.5	26.9	9.1	18.2	373.8	30.5
2	False cleavers	59.2	25.0	42.3	4.3	7.2	44.4	25.9
3	Wild oats	66.7	23.6	35.4	4.2	6.3	49.8	25.9
4	Wild buckwheat	74.9	25.8	34.5	2.7	3.7	36.4	24.5
5	Canola/rapeseed	41.7	16.2	38.9	2.2	5.3	43.6	15.9
6	Green foxtail	32.9	13.6	41.5	2.8	8.5	25.0	15.2
7	Low cudweed	28.1	9.1	32.5	2.4	8.6	41.8	12.0
8	Barnyard grass species	26.6	8.6	32.5	2.4	9.0	42.0	11.5
9	Shepherd's-purse	36.1	9.5	26.4	1.1	3.1	22.6	10.2
10	Northern willowherb	30.4	7.8	25.8	1.7	5.7	66.2	10.2
11	Canada thistle	49.1	8.1	16.5	0.6	1.2	8.6	9.7
12	Broad-leaved plantain	27.5	6.1	22.0	1.3	4.7	48.8	8.2
13	Wheat	31.2	6.4	20.5	0.6	2.0	8.4	7.2
14	Pale smartweed	28.2	6.3	22.4	0.7	2.4	14.4	7.0
15	Lamb's-quarters	30.2	4.6	15.3	0.3	1.1	6.2	5.8
16	Stork's-bill	12.8	4.7	36.7	1.1	8.4	31.8	5.6
17	Dandelion	31.8	3.9	12.1	0.3	1.0	11.6	5.6
18	Black medick	6.8	2.3	33.3	1.7	24.6	88.4	5.2
19	Field horsetail	17.3	3.1	17.6	1.0	5.5	25.4	5.2
20	Narrow-leaved hawk's-beard	20.9	3.7	17.7	0.4	1.7	12.4	4.5
21	Perennial sow-thistle	26.5	3.0	11.2	0.1	0.6	1.6	4.3
22	Foxtail barley	15.1	2.9	19.3	0.5	3.4	19.8	3.9
23	Chickweed	9.3	2.2	24.1	0.7	7.3	36.8	3.4
24	Night-flowering catchfly	13.2	2.5	19.3	0.2	1.5	4.0	2.9
25	Redroot pigweed	1.8	0.5	25.0	0.9	47.8	47.8	2.3
26	Purslane speedwell	11.3	1.7	15.1	0.2	1.3	3.0	2.2
27	Annual sow-thistle	3.3	2.1	62.8	0.3	10.0	15.0	1.9
28	Hemp-nettle	11.6	1.0	8.5	0.1	0.9	3.8	1.9
29	Golden dock	4.8	1.6	33.8	0.3	6.4	17.8	1.8
30	Round-leaved mallow	10.5	1.2	11.6	0.1	0.5	1.0	1.7
31	Borage	1.8	1.7	90.0	0.4	20.2	20.2	1.7
32	Rough cinquefoil	6.4	1.1	17.0	0.2	3.6	13.6	1.6
33	Flax	3.5	1.4	40.3	0.3	7.5	11.6	1.5
34	Canada fleabane	11.3	0.6	5.0	< 0.1	0.2	0.2	1.5
35	Willow species	8.1	1.0	12.1	< 0.1	0.5	1.0	1.3
36	Marsh yellow cress	8.2	0.8	9.6	0.1	0.8	3.0	1.3
37	Rayless aster	8.4	0.8	8.9	0.1	0.8	1.8	1.3
38	Pineappleweed	8.2	0.7	9.0	0.1	0.8	1.8	1.3
39	Prostrate pigweed	7.1	0.8	11.1	< 0.1	0.5	1.0	1.1
40	Oak-leaved goosefoot	6.8	0.6	8.6	0.1	1.0	3.4	1.1
41	Kochia	3.6	1.1	29.9	0.1	2.5	3.0	1.0
42	Alfalfa	3.6	0.9	24.5	0.1	2.7	5.4	1.0
43	Biennial wormwood	6.9	0.4	6.3	< 0.1	0.3	0.4	0.9
44	Slough grass	5.1	0.6	11.7	0.1	1.0	1.6	0.9
45	Flixweed	3.4	0.6	18.5	0.1	2.8	5.0	0.8
46	Henbit	3.0	0.7	25.0	< 0.1	1.4	1.4	0.7
47	Stinkweed	5.0	0.3	6.8	< 0.1	0.4	0.8	0.7
48	American dragonhead	5.1	0.3	5.0	< 0.1	0.2	0.2	0.7
49	Wood whitlow-grass	3.1	0.5	17.4	< 0.1	1.1	1.6	0.6
50	Rough hair grass	3.1	0.3	9.8	0.1	2.0	2.0	0.6
51	Small-seeded false flax	1.8	0.6	35.0	0.1	3.2	3.2	0.6
52	Wild mustard	3.6	0.3	7.5	< 0.1	0.3	0.4	0.5

(Table continued on next page)

Table 181. 2014/15 Canola in Crop District 8B in Northeastern Saskatchewan (60 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Clover species	3.3	0.3	10.0	< 0.1	0.4	0.6	0.5
54	Tumble pigweed	3.4	0.2	5.0	< 0.1	0.3	0.4	0.4
55	American vetch	3.1	0.2	7.6	< 0.1	0.4	0.6	0.4
56	Poplar species	3.4	0.2	5.0	< 0.1	0.2	0.2	0.4
57	Scentless chamomile	1.6	0.5	30.0	< 0.1	1.4	1.4	0.4
58	Prostrate knotweed	3.1	0.2	5.0	< 0.1	0.2	0.2	0.4
59	Small-leaved lamb's-quarters	1.6	0.2	10.0	0.1	3.6	3.6	0.4
60	Lentil	1.6	0.2	10.0	< 0.1	0.6	0.6	0.3
61	Annual brome species	1.6	0.2	10.0	< 0.1	0.4	0.4	0.3
62	Clammy hedge-hyssop	1.8	0.1	5.0	< 0.1	0.2	0.2	0.2
63	Persian damel	1.7	0.1	5.0	< 0.1	0.2	0.2	0.2
64	Pygmyflower	1.7	0.1	5.0	< 0.1	0.2	0.2	0.2
65	Manitoba maple	1.6	0.1	5.0	< 0.1	0.2	0.2	0.2
66	Absinth	1.6	0.1	5.0	< 0.1	0.2	0.2	0.2
67	Cattail	1.5	0.1	5.0	< 0.1	0.2	0.2	0.2

Field Survey Summary Tables – Crop District 9AE

Table 182. 2014/15 Annual crops in Crop District 9AE in Northeastern Saskatchewan (34 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Wild oats	51.6	20.4	39.6	8.9	17.3	127.8	29.3
2	Wild buckwheat	58.5	26.0	44.4	4.6	7.9	56.8	25.5
3	Green foxtail	25.6	11.1	43.5	7.9	30.8	169.8	20.5
4	Blue grass species	6.1	4.3	69.6	7.6	124.4	207.2	14.8
5	Hemp-nettle	44.4	13.5	30.3	2.1	4.7	32.2	14.5
6	Canola/rapeseed	29.5	12.2	41.5	1.9	6.6	27.6	11.9
7	Chickweed	32.1	9.7	30.3	2.2	6.8	20.0	11.6
8	False cleavers	40.6	10.0	24.6	1.4	3.6	20.0	11.6
9	Barnyard grass species	15.8	8.4	53.2	3.8	23.9	84.0	11.5
10	Field horsetail	38.6	9.8	25.5	1.3	3.5	20.2	11.1
11	Broad-leaved plantain	34.5	11.9	34.6	1.1	3.1	8.2	11.0
12	Flax	3.6	3.5	95.0	5.7	156.0	156.0	11.0
13	Northern willowherb	28.1	10.9	38.9	0.9	3.2	8.0	9.5
14	Canada thistle	32.8	9.2	28.0	0.9	2.8	8.4	9.4
15	Low cudweed	28.2	8.3	29.4	0.9	3.1	12.8	8.4
16	Lamb's-quarters	27.0	6.3	23.2	1.0	3.8	24.0	7.6
17	Shepherd's-purse	25.4	5.6	22.2	1.1	4.2	21.6	7.3
18	Dandelion	26.4	5.7	21.7	0.5	2.0	6.6	6.5
19	Field violet	3.5	3.3	95.0	2.8	78.6	78.6	6.3
20	Narrow-leaved hawk's-beard	19.9	5.1	25.5	0.5	2.5	12.2	5.4
21	Willow species	18.2	5.1	28.0	0.4	2.0	4.8	5.0
22	Annual sow-thistle	13.9	4.9	35.5	0.7	4.7	17.2	4.9
23	Purslane speedwell	14.6	3.8	26.3	0.6	4.4	15.8	4.4
24	Wheat	16.8	4.0	24.1	0.2	1.3	2.0	4.2
25	Marsh yellow cress	13.6	3.9	28.9	0.3	2.2	5.6	3.8
26	Foxtail barley	10.9	3.3	30.0	0.2	2.3	4.2	3.1
27	Stork's-bill	5.8	2.8	49.0	0.5	8.4	13.2	2.7
28	Wild mustard	9.4	2.3	24.6	0.2	2.1	4.6	2.5
29	Stinkweed	5.8	2.4	40.7	0.4	7.6	11.4	2.4
30	Spiny annual sow-thistle	12.2	1.5	12.6	0.1	0.7	2.4	2.3
31	Pineappleweed	10.9	0.5	5.0	0.1	0.6	0.8	1.7
32	Rough cinquefoil	4.9	2.1	42.2	0.1	2.9	4.0	1.7
33	Perennial sow-thistle	6.8	1.3	19.5	0.2	2.7	6.6	1.7
34	Slough grass	7.3	1.1	15.0	0.1	1.4	2.6	1.5
35	Alfalfa	2.2	1.5	70.0	0.3	15.2	15.2	1.4
36	American dragonhead	5.7	0.7	13.1	<0.1	0.5	0.6	1.1
37	Yellow sweet-clover	3.5	1.1	30.0	<0.1	1.2	1.2	1.0
38	Quack grass	2.2	0.1	5.0	0.4	18.0	18.0	0.9
39	Oats	2.5	1.1	45.0	0.1	3.4	3.4	0.9
40	Tumble pigweed	5.7	0.3	5.0	<0.1	0.3	0.4	0.9
41	Night-flowering catchfly	3.6	0.5	15.0	<0.1	0.6	0.6	0.7
42	Tumble mustard	3.5	0.4	10.0	<0.1	0.6	0.6	0.6
43	Pale smartweed	3.6	0.2	5.0	<0.1	0.4	0.4	0.6
44	Bluebur	3.6	0.2	5.0	<0.1	0.2	0.2	0.5
45	Round-leaved mallow	3.6	0.2	5.0	<0.1	0.2	0.2	0.5
46	Pygmyflower	3.6	0.2	5.0	<0.1	0.2	0.2	0.5
47	Canada fleabane	3.5	0.2	5.0	<0.1	0.4	0.4	0.5
48	Red goosefoot	3.5	0.2	5.0	<0.1	0.2	0.2	0.5
49	Kochia	3.5	0.2	5.0	<0.1	0.2	0.2	0.5
50	Aster species	2.2	0.4	20.0	<0.1	2.2	2.2	0.5
51	American vetch	2.8	0.1	5.0	<0.1	0.4	0.4	0.4
52	Flixweed	2.2	0.2	10.0	<0.1	0.4	0.4	0.4

(Table continued on next page)

Table 182. 2014/15 Annual crops in Crop District 9AE in Northeastern Saskatchewan (34 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Black medick	2.2	0.1	5.0	< 0.1	0.2	0.2	0.3
54	Common pepper-grass	2.2	0.1	5.0	< 0.1	0.2	0.2	0.3

Field Survey Summary Tables – Spring wheat in Crop District 9AE

Table 183. 2014/15 Spring wheat in Crop District 9AE in Northeastern Saskatchewan (12 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Wild oats	62.4	40.1	64.3	23.8	38.2	127.8	43.7
2	Green foxtail	35.5	19.4	54.7	21.7	61.2	169.8	31.7
3	Wild buckwheat	64.6	30.9	47.9	8.7	13.5	56.8	26.2
4	Flax	10.8	10.3	95.0	16.9	156.0	156.0	21.1
5	Canola/rapeseed	60.2	25.4	42.2	4.4	7.4	27.6	19.7
6	Hemp-nettle	56.2	25.2	44.9	4.9	8.6	32.2	19.6
7	False cleavers	63.8	20.7	32.5	3.3	5.1	20.0	17.5
8	Chickweed	29.2	16.1	55.0	4.5	15.3	20.0	13.1
9	Lamb's-quarters	35.5	12.6	35.5	2.7	7.7	24.0	11.0
10	Canada thistle	49.5	11.8	23.8	1.2	2.5	8.4	10.9
11	Field horsetail	44.1	10.3	23.2	0.8	1.9	4.0	9.4
12	Shepherd's-purse	24.8	7.6	30.8	2.6	10.5	21.6	7.9
13	Dandelion	32.5	7.6	23.3	0.7	2.1	6.0	7.0
14	Broad-leaved plantain	23.7	10.4	43.7	0.5	2.3	2.8	6.7
15	Stork's-bill	17.3	8.5	49.0	1.4	8.4	13.2	6.2
16	Willow species	21.7	6.5	30.0	0.5	2.4	4.4	5.2
17	Narrow-leaved hawk's-beard	24.8	5.6	22.5	0.4	1.5	2.6	5.1
18	Stinkweed	10.8	5.4	50.0	1.2	11.4	11.4	4.3
19	Foxtail barley	21.7	4.3	20.0	0.3	1.3	2.2	4.3
20	Barnyard grass species	12.8	5.8	45.0	0.4	3.5	4.6	3.8
21	Annual sow-thistle	20.2	2.7	13.4	0.2	0.9	1.2	3.4
22	Slough grass	10.8	2.7	25.0	0.3	2.6	2.6	2.4
23	Oats	7.5	3.4	45.0	0.3	3.4	3.4	2.2
24	Low cudweed	12.8	1.6	12.5	0.1	1.0	1.0	2.2
25	Northern willowherb	10.8	2.2	20.0	0.2	1.4	1.4	2.1
26	Perennial sow-thistle	13.8	1.1	7.7	0.1	0.8	1.2	2.1
27	Purslane speedwell	10.8	1.6	15.0	0.1	0.8	0.8	1.9
28	Blue grass species	7.4	1.8	25.0	0.2	3.0	3.0	1.7
29	Wild mustard	10.8	1.1	10.0	< 0.1	0.4	0.4	1.7
30	Pineappleweed	10.8	0.5	5.0	0.1	0.8	0.8	1.5
31	Bluebur	10.8	0.5	5.0	< 0.1	0.2	0.2	1.5
32	Spiny annual sow-thistle	7.4	0.4	5.0	< 0.1	0.2	0.2	1.0
33	American dragonhead	6.4	0.6	10.0	< 0.1	0.4	0.4	1.0
34	Common pepper-grass	6.4	0.3	5.0	< 0.1	0.2	0.2	0.9

Table 184. 2014/15 Canola in Crop District 9AE in Northeastern Saskatchewan (17 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Blue grass species	7.1	7.1	100.0	14.8	207.2	207.2	46.9
2	Wild buckwheat	49.1	19.8	40.4	2.1	4.3	13.2	26.0
3	Barnyard grass species	15.7	8.2	52.4	6.1	38.8	84.0	24.6
4	Northern willowherb	40.9	16.8	41.1	1.4	3.4	8.0	20.8
5	Field horsetail	39.4	11.1	28.1	2.0	5.0	20.2	18.6
6	Wild oats	48.1	10.2	21.3	1.6	3.2	23.6	18.3
7	Broad-leaved plantain	33.7	10.5	31.3	0.7	2.1	5.2	13.9
8	Low cudweed	39.7	8.8	22.1	0.7	1.8	4.8	13.8
9	Chickweed	36.6	7.1	19.4	1.0	2.7	9.8	13.0
10	Annual sow-thistle	14.0	7.9	56.6	1.2	8.3	17.2	10.4
11	Green foxtail	15.7	7.8	50.1	1.0	6.6	11.6	10.2
12	Hemp-nettle	35.9	3.1	8.5	0.2	0.5	1.8	8.1
13	Wheat	26.1	4.8	18.5	0.3	1.2	1.6	8.0
14	False cleavers	30.6	4.1	13.5	0.2	0.6	1.0	7.9
15	Canada thistle	15.6	5.6	35.6	0.6	3.9	7.8	7.6
16	Shepherd's-purse	22.4	4.6	20.4	0.3	1.4	4.0	7.3
17	Marsh yellow cress	19.5	4.8	24.8	0.4	2.1	5.6	7.2
18	Spiny annual sow-thistle	19.1	2.8	14.5	0.2	0.8	2.4	5.2
19	Dandelion	14.0	3.5	25.1	0.2	1.5	2.2	5.0
20	Lamb's-quarters	18.5	2.4	12.7	0.1	0.8	1.0	4.8
21	Purslane speedwell	14.3	1.4	10.0	0.1	0.4	0.6	3.3
22	Canola/rapeseed	4.2	2.1	50.0	0.4	8.4	8.4	3.0
23	Narrow-leaved hawk's-beard	11.4	1.4	12.4	0.1	0.6	1.2	2.9
24	Willow species	14.3	0.7	5.0	<0.1	0.2	0.2	2.8
25	Rough cinquefoil	5.4	2.2	40.0	0.1	2.0	2.0	2.5
26	Night-flowering catchfly	7.1	1.1	15.0	<0.1	0.6	0.6	1.9
27	Pineappleweed	7.1	0.4	5.0	<0.1	0.2	0.2	1.4
28	Pygmyflower	7.1	0.4	5.0	<0.1	0.2	0.2	1.4
29	Red goosefoot	6.9	0.3	5.0	<0.1	0.2	0.2	1.4
30	American vetch	5.4	0.3	5.0	<0.1	0.4	0.4	1.1
31	Tumble pigweed	4.2	0.2	5.0	<0.1	0.4	0.4	0.8

Field Survey Summary Tables – Crop District 9AW

Table 185. 2014/15 Annual crops in Crop District 9AW in North western Saskatchewan (97 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	52.9	28.2	53.4	18.4	34.8	299.2	44.4
2	Wild buckwheat	85.5	35.8	41.8	5.1	6.0	46.2	29.2
3	Wild oats	58.0	23.9	41.2	4.6	7.9	74.2	21.4
4	False cleavers	52.3	19.0	36.3	3.0	5.7	69.6	16.6
5	Narrow-leaved hawks-beard	53.5	19.4	36.3	2.8	5.2	40.0	16.5
6	Canola/rapeseed	60.9	19.3	31.7	2.1	3.5	23.0	16.2
7	Chickweed	23.6	8.4	35.7	4.5	19.2	221.8	12.5
8	Wheat	33.0	11.9	36.0	2.2	6.8	33.6	11.0
9	Canada thistle	51.3	11.1	21.6	1.0	1.9	11.4	10.6
10	Shepherd's-purse	42.0	8.3	19.8	1.5	3.5	51.0	9.4
11	Lamb's-quarters	41.2	7.2	17.5	0.6	1.6	15.0	7.6
12	Low cudweed	27.8	5.3	19.1	1.4	4.9	56.8	6.8
13	Dandelion	34.7	6.8	19.5	0.6	1.7	18.4	6.7
14	Barnyard grass species	5.4	2.7	51.0	2.8	53.1	151.0	6.0
15	Northern willowherb	20.8	5.1	24.7	0.6	2.8	13.6	4.8
16	Purslane speedwell	13.5	3.8	28.1	0.9	7.0	39.2	4.2
17	Field horsetail	17.0	3.5	20.4	0.7	3.9	23.6	4.0
18	Barley	14.1	3.6	25.3	0.6	4.3	22.4	3.6
19	Spiny annual sow-thistle	21.2	3.1	14.9	0.2	1.0	9.0	3.5
20	Canada fleabane	15.3	3.8	24.5	0.4	2.9	18.6	3.5
21	Broad-leaved plantain	15.5	3.0	19.4	0.3	1.8	8.8	3.0
22	Thyme-leaved sandwort	1.2	1.2	100.0	1.3	117.0	117.0	2.7
23	Hemp-nettle	14.5	2.4	16.8	0.2	1.5	8.6	2.6
24	Willow species	14.2	2.4	17.2	0.2	1.5	7.2	2.6
25	Rough cinquefoil	12.4	2.5	20.0	0.2	1.9	11.0	2.5
26	Annual sow-thistle	6.3	2.4	38.4	0.6	10.1	36.8	2.5
27	Black medick	9.8	1.9	19.5	0.5	5.0	30.6	2.4
28	Stinkweed	14.8	1.9	12.9	0.2	1.1	7.6	2.4
29	Stork's-bill	6.6	2.3	34.6	0.5	7.7	42.0	2.3
30	Corn spurry	8.6	2.2	25.6	0.3	3.1	12.6	2.1
31	Rough hair grass	5.8	2.2	38.6	0.3	4.5	12.2	1.8
32	Perennial sow-thistle	10.8	1.5	13.5	0.1	0.9	3.2	1.7
33	Pygmyflower	7.0	1.9	27.3	0.2	3.0	12.2	1.7
34	Blue grass species	7.1	1.4	19.6	0.3	4.3	13.2	1.7
35	Redroot pigweed	10.6	1.0	9.2	0.1	1.0	3.4	1.6
36	Pale smartweed	8.6	1.3	15.1	0.1	1.6	5.6	1.5
37	Yellow sweet-clover	1.3	1.3	100.0	0.6	45.6	45.6	1.5
38	American vetch	11.1	0.9	8.3	0.1	0.5	1.8	1.5
39	Foxtail barley	6.4	1.6	25.7	0.2	2.7	7.4	1.5
40	Tumble pigweed	7.6	1.5	19.6	0.1	1.6	3.2	1.5
41	Prostrate knotweed	8.7	0.8	8.8	0.1	0.6	1.8	1.2
42	Clover species	3.7	1.3	34.4	0.2	6.5	20.2	1.2
43	Night-flowering catchfly	5.6	1.2	21.1	0.1	1.9	7.6	1.1
44	Golden dock	7.1	0.8	11.7	0.1	0.8	2.6	1.1
45	American dragonhead	6.1	0.9	15.4	0.1	1.4	6.6	1.1
46	Oats	3.0	1.3	42.2	0.2	6.3	9.0	1.0
47	Slough grass	3.4	1.2	35.9	0.1	3.8	11.4	1.0
48	Russian thistle	5.8	0.6	10.1	0.1	1.4	3.0	0.9
49	Wild mustard	2.6	0.9	35.0	0.2	7.7	15.0	0.9
50	Kochia	6.2	0.5	8.0	0.1	0.9	3.0	0.9
51	Annual spurge species	2.0	1.1	55.7	0.2	7.5	11.6	0.8
52	Long-stalked chickweed	2.3	1.0	45.0	0.1	6.4	11.8	0.8

(Table continued on next page)

Table 185. 2014/15 Annual crops in Crop District 9AW in North western Saskatchewan (97 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Scouring-rush	3.0	0.4	12.9	0.2	8.0	23.0	0.8
54	Scentless chamomile	5.0	0.3	5.0	<0.1	0.7	1.8	0.6
55	Pineappleweed	2.5	0.7	30.0	0.1	2.3	3.4	0.6
56	Alfalfa	1.1	0.7	70.0	0.1	11.0	11.0	0.5
57	Marsh yellow cress	3.2	0.5	15.0	<0.1	1.1	2.6	0.5
58	Annual brome species	1.0	0.6	55.0	0.1	13.2	13.2	0.5
59	Rayless aster	3.0	0.4	12.8	<0.1	0.6	1.4	0.5
60	Common groundsel	3.2	0.2	5.0	<0.1	0.3	0.4	0.4
61	Flixweed	1.3	0.5	40.0	<0.1	2.8	2.8	0.4
62	Round-leaved mallow	2.2	0.2	9.3	<0.1	0.6	0.6	0.3
63	Flax	1.0	0.4	45.0	<0.1	4.2	4.2	0.3
64	Quack grass	1.8	0.1	7.9	<0.1	2.7	3.4	0.3
65	Dock species	1.5	0.2	12.5	<0.1	1.9	3.4	0.3
66	Burning nettle	1.1	0.2	20.0	<0.1	0.8	0.8	0.2
67	Biennial wormwood	1.6	0.1	5.0	<0.1	0.2	0.2	0.2
68	White cockle	0.8	0.2	30.0	<0.1	1.4	1.4	0.2
69	Poplar species	1.1	0.2	15.0	<0.1	0.6	0.6	0.2
70	Lentil	1.3	0.1	5.0	<0.1	0.4	0.4	0.2
71	Purslane	1.3	0.1	5.0	<0.1	0.2	0.2	0.2
72	Common pepper-grass	1.0	0.1	10.0	<0.1	0.6	0.6	0.1
73	Wood whitlow-grass	1.0	0.1	10.0	<0.1	0.4	0.4	0.1
74	Bicknell's geranium	1.2	0.1	5.0	<0.1	0.2	0.2	0.1
75	Common yarrow	1.2	0.1	5.0	<0.1	0.2	0.2	0.1
76	Meadow brome	1.2	0.1	5.0	<0.1	0.2	0.2	0.1
77	Oak-leaved goosefoot	1.0	0.1	5.0	<0.1	0.2	0.2	0.1
78	Siberian elm	1.0	0.1	5.0	<0.1	0.2	0.2	0.1
79	Manitoba maple	1.0	0.1	5.0	<0.1	0.2	0.2	0.1
80	Field pea	1.0	0.1	5.0	<0.1	0.2	0.2	0.1
81	Cow cockle	1.0	<0.1	5.0	<0.1	0.2	0.2	0.1
82	Goat's-beard	1.0	<0.1	5.0	<0.1	0.2	0.2	0.1
83	Prickly lettuce	0.9	<0.1	5.0	<0.1	0.2	0.2	0.1

Field Survey Summary Tables – Spring wheat in Crop District 9AW

Table 186. 2014/15 Spring wheat in Crop District 9AW in North western Saskatchewan (27 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	51.4	28.5	55.4	14.3	27.7	99.8	35.3
2	Wild buckwheat	84.8	34.0	40.1	4.9	5.7	25.2	26.4
3	False cleavers	66.7	29.9	44.7	4.3	6.5	19.2	22.6
4	Wild oats	52.3	27.4	52.4	4.6	8.8	42.2	20.8
5	Chickweed	22.6	8.4	37.3	9.8	43.2	221.8	19.4
6	Canola/rapeseed	74.6	24.4	32.7	2.8	3.7	13.0	19.2
7	Narrow-leaved hawk's-beard	56.3	17.4	30.9	2.0	3.6	22.0	14.1
8	Canada thistle	62.3	15.6	25.0	1.3	2.0	11.4	12.9
9	Shepherd's-purse	51.5	10.3	20.1	2.8	5.4	51.0	12.4
10	Barnyard grass species	3.7	3.7	100.0	5.5	151.0	151.0	9.7
11	Northern willowherb	32.0	9.5	29.6	0.9	2.9	9.6	7.5
12	Wheat	13.4	9.3	69.9	1.8	13.5	33.6	7.0
13	Low cudweed	37.2	4.9	13.2	0.8	2.1	6.4	6.3
14	Dandelion	35.5	6.4	17.9	0.4	1.2	4.0	6.1
15	Field horsetail	24.6	5.3	21.4	1.2	4.7	23.6	5.8
16	Lamb's-quarters	37.7	3.7	9.8	0.2	0.6	2.4	5.1
17	Spiny annual sow-thistle	32.7	5.0	15.4	0.2	0.7	1.6	5.1
18	Purslane speedwell	13.4	4.4	32.7	1.6	11.7	37.2	5.0
19	Annual sow-thistle	14.5	4.5	31.3	1.4	9.8	36.8	5.0
20	Canada fleabane	10.9	6.0	55.1	0.9	8.7	18.6	4.4
21	Willow species	19.4	3.6	18.4	0.3	1.7	7.2	3.5
22	Barley	10.9	3.6	33.3	0.8	7.7	22.4	3.5
23	Pale smartweed	17.1	2.6	15.2	0.2	1.4	3.8	2.8
24	Stork's-bill	2.9	2.1	75.0	1.2	42.0	42.0	2.7
25	Hemp-nettle	16.7	2.1	12.6	0.1	0.8	1.2	2.5
26	Annual spurge species	4.5	3.8	85.0	0.5	11.6	11.6	2.5
27	Broad-leaved plantain	17.4	1.9	11.2	0.1	0.6	1.2	2.5
28	Perennial sow-thistle	17.4	1.4	8.3	0.1	0.4	1.4	2.2
29	Long-stalked chickweed	4.0	3.4	85.0	0.5	11.8	11.8	2.2
30	Scouring-rush	6.9	1.0	14.4	0.8	11.0	23.0	2.1
31	Stinkweed	15.4	1.0	6.2	0.1	0.5	1.2	1.9
32	Blue grass species	12.0	1.4	11.7	0.2	1.5	3.2	1.9
33	Foxtail barley	11.3	1.7	14.7	0.1	1.0	1.8	1.8
34	Corn spurry	4.0	2.4	60.0	0.2	4.8	4.8	1.5
35	American vetch	10.8	0.5	5.0	< 0.1	0.2	0.2	1.2
36	Pineappleweed	5.7	1.4	25.0	0.1	2.4	3.4	1.2
37	Redroot pigweed	6.9	0.9	12.6	0.2	2.6	3.4	1.2
38	Rough cinquefoil	7.7	0.8	10.3	< 0.1	0.6	1.0	1.1
39	Russian thistle	7.3	0.5	7.5	0.1	1.5	2.8	1.0
40	Golden dock	7.3	0.7	10.0	< 0.1	0.4	0.6	1.0
41	Prostrate knotweed	7.3	0.5	7.5	< 0.1	0.4	0.4	0.9
42	Black medick	7.7	0.4	5.0	< 0.1	0.2	0.2	0.9
43	Marsh yellow cress	3.7	1.1	30.0	0.1	2.6	2.6	0.9
44	Common groundsel	7.3	0.4	5.0	< 0.1	0.3	0.4	0.8
45	Rayless aster	7.3	0.4	5.0	< 0.1	0.2	0.2	0.8
46	Night-flowering catchfly	6.5	0.3	5.0	< 0.1	0.2	0.2	0.7
47	Quack grass	3.7	0.4	10.0	0.1	3.4	3.4	0.7
48	Purslane	4.5	0.2	5.0	< 0.1	0.2	0.2	0.5
49	Common pepper-grass	3.6	0.4	10.0	< 0.1	0.6	0.6	0.5
50	Tumble pigweed	3.6	0.4	10.0	< 0.1	0.4	0.4	0.5
51	Common yarrow	4.0	0.2	5.0	< 0.1	0.2	0.2	0.5
52	Kochia	3.6	0.2	5.0	< 0.1	0.4	0.4	0.4

(Table continued on next page)

Table 186. 2014/15 Spring wheat in Crop District 9AW in North western Saskatchewan (27 fields) (continued)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	American dragonhead	3.6	0.2	5.0	< 0.1	0.2	0.2	0.4
54	Pygmyflower	2.9	0.3	10.0	< 0.1	0.4	0.4	0.4
55	Rough hair grass	2.9	0.1	5.0	< 0.1	0.2	0.2	0.3
56	Slough grass	2.9	0.1	5.0	< 0.1	0.2	0.2	0.3
57	Biennial wormwood	2.9	0.1	5.0	< 0.1	0.2	0.2	0.3

Field Survey Summary Tables – Barley in Crop District 9AW

Table 187. 2014/15 Barley in Crop District 9AW in Northwestern Saskatchewan (13 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	63.4	44.1	69.6	23.1	36.5	94.2	65.9
2	Wild buckwheat	100.0	36.1	36.1	5.7	5.7	32.2	35.0
3	Canada thistle	63.5	18.3	28.9	1.8	2.9	9.2	17.2
4	Yellow sweet-clover	10.5	10.5	100.0	4.8	45.6	45.6	13.9
5	Canola/rapeseed	63.4	11.1	17.5	1.2	1.9	8.2	13.2
6	Lamb's-quarters	43.4	10.9	25.1	1.3	3.0	15.0	11.3
7	Narrow-leaved hawk's-beard	46.8	9.8	20.9	1.2	2.5	8.6	10.9
8	Barnyard grass species	20.7	8.8	42.7	2.5	12.1	26.2	10.2
9	Wild oats	30.5	6.9	22.6	0.8	2.7	7.2	7.4
10	Wheat	19.9	8.4	42.1	0.9	4.5	11.2	7.0
11	Dandelion	32.9	6.6	20.0	0.4	1.3	3.2	6.9
12	Stork's-bill	16.6	8.6	51.7	0.9	5.3	7.8	6.7
13	Spiny annual sow-thistle	22.4	6.5	29.2	0.8	3.6	9.0	6.4
14	Oats	16.6	6.8	40.8	1.1	6.4	9.0	6.3
15	Northern willowherb	14.6	5.8	40.0	1.0	6.9	11.6	5.6
16	False cleavers	18.3	5.6	30.6	0.8	4.5	8.2	5.6
17	Foxtail barley	16.3	5.7	35.2	0.8	4.6	7.4	5.3
18	Annual brome species	8.5	4.7	55.0	1.1	13.2	13.2	4.8
19	Broad-leaved plantain	14.7	3.9	26.6	0.6	4.4	6.4	4.3
20	Canada fleabane	26.8	1.9	7.3	0.2	0.9	2.6	4.1
21	Low cudweed	14.6	4.0	27.1	0.3	1.8	1.8	3.6
22	Tumble pigweed	14.6	3.3	22.5	0.3	2.3	3.0	3.4
23	Chickweed	13.9	3.5	24.9	0.2	1.3	2.8	3.2
24	Shepherd's-purse	18.2	2.1	11.7	0.2	1.1	2.2	3.1
25	Flax	7.8	3.5	45.0	0.3	4.2	4.2	2.8
26	Kochia	16.3	1.2	7.4	0.3	1.5	3.0	2.7
27	Russian thistle	13.9	1.9	13.4	0.2	1.8	3.0	2.7
28	Rough hair grass	8.5	2.6	30.0	0.3	3.6	3.6	2.5
29	Black medick	14.7	1.6	10.8	0.1	0.7	1.0	2.4
30	Dock species	12.2	1.5	12.5	0.2	1.9	3.4	2.3
31	Golden dock	8.5	2.6	30.0	0.2	2.6	2.6	2.3
32	Pale smartweed	14.6	1.0	7.1	0.1	0.6	1.2	2.1
33	Blue grass species	6.1	1.5	25.0	0.4	5.8	5.8	1.9
34	Redroot pigweed	12.2	1.2	10.0	< 0.1	0.4	0.4	1.9
35	Wild mustard	10.5	1.1	10.0	< 0.1	0.4	0.4	1.6
36	Prostrate knotweed	8.5	1.3	15.0	0.1	1.0	1.0	1.6
37	Stinkweed	8.5	1.3	15.0	0.1	0.8	0.8	1.5
38	Lentil	10.5	0.5	5.0	< 0.1	0.4	0.4	1.4
39	Willow species	8.5	0.9	10.0	< 0.1	0.4	0.4	1.3
40	Pygmyflower	6.1	0.9	15.0	0.1	2.2	2.2	1.2
41	American dragonhead	8.5	0.4	5.0	< 0.1	0.2	0.2	1.1
42	Manitoba maple	8.5	0.4	5.0	< 0.1	0.2	0.2	1.1
43	Field pea	8.5	0.4	5.0	< 0.1	0.2	0.2	1.1
44	Quack grass	6.1	0.3	5.0	0.1	1.8	1.8	1.0
45	Annual spurge species	6.1	0.3	5.0	< 0.1	0.4	0.4	0.8
46	Field horsetail	6.2	0.3	5.0	< 0.1	0.2	0.2	0.8
47	Purslane speedwell	6.1	0.3	5.0	< 0.1	0.2	0.2	0.8

Table 188. 2014/15 Canola in Crop District 9AW in Northwestern Saskatchewan (43 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Wild buckwheat	83.8	37.9	45.3	5.3	6.3	46.2	34.2
2	Green foxtail	47.0	18.0	38.4	7.7	16.5	211.4	28.5
3	Wild oats	72.3	26.3	36.4	4.7	6.5	74.2	27.4
4	False cleavers	63.1	19.5	30.9	3.4	5.4	69.6	21.1
5	Wheat	51.7	17.7	34.3	3.5	6.8	33.4	19.5
6	Narrow-leaved hawk's-beard	51.5	18.4	35.8	2.0	3.9	14.6	16.5
7	Canola/rapeseed	59.4	17.6	29.6	1.5	2.5	21.6	15.8
8	Chickweed	32.8	10.8	32.8	2.5	7.7	28.6	12.9
9	Low cudweed	32.3	7.1	22.1	2.3	7.0	56.8	10.9
10	Shepherd's-purse	41.3	9.1	21.9	1.2	2.9	17.6	10.1
11	Canada thistle	37.6	6.1	16.2	0.5	1.4	4.4	7.2
12	Lamb's-quarters	38.5	6.3	16.3	0.4	1.1	3.2	7.1
13	Dandelion	31.1	5.7	18.4	0.7	2.1	18.4	6.7
14	Purslane speedwell	15.2	4.9	32.3	1.0	6.6	39.2	5.5
15	Barnyard grass species	1.7	1.3	75.0	2.1	125.8	125.8	5.3
16	Northern willowherb	19.9	3.8	19.0	0.5	2.3	13.6	4.4
17	Rough cinquefoil	13.7	4.1	29.7	0.4	3.2	11.0	3.9
18	Barley	17.0	3.3	19.4	0.3	1.7	5.4	3.6
19	Stinkweed	16.7	2.9	17.4	0.3	1.6	7.6	3.3
20	Rough hair grass	6.9	4.0	57.7	0.5	6.8	12.2	3.2
21	Field horsetail	14.8	2.7	18.2	0.3	2.2	4.6	3.2
22	Hemp-nettle	15.2	2.7	17.4	0.2	1.4	3.0	3.0
23	Pygmyflower	10.1	3.2	32.0	0.3	3.4	12.2	3.0
24	Black medick	9.3	2.1	22.5	0.6	6.0	22.2	2.9
25	Canada fleabane	13.2	2.8	21.3	0.2	1.9	7.4	2.9
26	Spiny annual sow-thistle	18.5	1.9	10.1	0.1	0.6	1.2	2.8
27	Willow species	14.5	2.4	16.8	0.2	1.3	3.6	2.8
28	Broad-leaved plantain	13.1	2.6	19.6	0.2	1.2	3.0	2.6
29	Annual sow-thistle	4.8	2.5	52.7	0.5	10.9	21.2	2.5
30	Corn spurry	14.3	2.0	14.0	0.2	1.1	2.8	2.5
31	Slough grass	5.9	2.7	45.6	0.3	5.0	11.4	2.3
32	American dragonhead	7.1	1.8	25.5	0.2	2.7	6.6	1.8
33	Prostrate knotweed	10.5	0.9	8.7	0.1	0.7	1.8	1.6
34	Tumble pigweed	8.4	1.1	13.7	0.1	1.1	2.4	1.5
35	Perennial sow-thistle	6.2	1.2	19.9	0.1	1.6	3.2	1.3
36	Golden dock	9.1	0.7	7.8	<0.1	0.5	1.0	1.3
37	American vetch	7.9	0.8	10.4	<0.1	0.5	0.8	1.2
38	Redroot pigweed	9.1	0.5	5.0	<0.1	0.4	0.6	1.1
39	Flixweed	2.9	1.2	40.0	0.1	2.8	2.8	0.9
40	Foxtail barley	2.6	1.0	40.0	0.1	4.4	4.4	0.9
41	Oats	2.2	1.0	45.0	0.1	6.0	6.0	0.9
42	Blue grass species	1.7	0.4	25.0	0.2	13.2	13.2	0.8
43	Scentless chamomile	5.6	0.3	5.0	0.1	1.0	1.8	0.8
44	Kochia	4.3	0.5	12.4	<0.1	0.9	1.2	0.7
45	Stork's-bill	4.2	0.5	10.6	<0.1	0.7	1.0	0.7
46	Marsh yellow cress	4.8	0.4	7.5	<0.1	0.4	0.4	0.7
47	Pineappleweed	1.9	0.7	40.0	<0.1	2.0	2.0	0.5
48	Rayless aster	2.2	0.6	30.0	<0.1	1.4	1.4	0.5
49	Burning nettle	2.6	0.5	20.0	<0.1	0.8	0.8	0.5
50	White cockle	1.9	0.6	30.0	<0.1	1.4	1.4	0.5
51	Poplar species	2.4	0.4	15.0	<0.1	0.6	0.6	0.4
52	Round-leaved mallow	2.2	0.3	15.0	<0.1	0.6	0.6	0.4

(Table continued on next page)

Field Survey Summary Tables – Canola in Crop District 9AW

Table 188. 2014/15 Canola in Crop District 9AW in Northwestern Saskatchewan (43 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Clover species	2.9	0.1	5.0	< 0.1	0.2	0.2	0.4
54	Night-flowering catchfly	2.4	0.2	10.0	< 0.1	0.6	0.6	0.4
55	Wood whitlow-grass	2.4	0.2	10.0	< 0.1	0.4	0.4	0.3
56	Bicknell's geranium	2.6	0.1	5.0	< 0.1	0.2	0.2	0.3
57	Meadow brome	2.6	0.1	5.0	< 0.1	0.2	0.2	0.3
58	Oak-leaved goosefoot	2.4	0.1	5.0	< 0.1	0.2	0.2	0.3
59	Siberian elm	2.4	0.1	5.0	< 0.1	0.2	0.2	0.3
60	Russian thistle	1.7	0.2	10.0	< 0.1	1.2	1.2	0.3
61	Goat's-beard	2.2	0.1	5.0	< 0.1	0.2	0.2	0.3
62	Pale smartweed	2.2	0.1	5.0	< 0.1	0.2	0.2	0.3
63	Prickly lettuce	2.1	0.1	5.0	< 0.1	0.2	0.2	0.3
64	Biennial wormwood	1.7	0.1	5.0	< 0.1	0.2	0.2	0.2

Table 189. 2014/15 Annual crops in Crop District 9B in Northwestern Saskatchewan (74 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	31.8	20.2	63.4	13.6	42.6	502.0	33.9
2	Wild buckwheat	83.6	35.8	42.8	3.9	4.7	27.4	30.8
3	Wild oats	60.3	25.7	42.6	5.1	8.4	58.4	25.7
4	Low cudweed	27.1	8.1	30.0	10.0	36.8	501.8	22.6
5	False cleavers	54.7	24.2	44.3	3.4	6.2	47.6	21.8
6	Narrow-leaved hawk's-beard	46.3	15.3	33.1	1.9	4.2	20.0	14.8
7	Corn spurry	6.8	3.2	46.9	6.9	101.4	276.2	13.3
8	Shepherd's-purse	35.9	10.5	29.4	2.3	6.4	54.4	12.2
9	Canola/rapeseed	30.0	10.7	35.7	2.6	8.8	90.0	12.1
10	Spiny annual sow-thistle	38.1	9.3	24.3	1.9	5.1	55.4	11.3
11	Wheat	34.2	10.5	30.7	0.9	2.6	16.0	9.7
12	Lamb's-quarters	40.6	9.0	22.1	0.8	1.9	14.8	9.6
13	Canada thistle	33.7	6.4	18.9	0.5	1.6	7.8	7.4
14	Foxtail barley	12.3	3.2	26.3	2.8	22.7	160.0	7.3
15	Northern willowherb	20.1	3.0	15.0	0.2	0.8	3.2	3.8
16	Field horsetail	14.4	3.1	21.7	0.5	3.6	9.4	3.8
17	Dandelion	21.1	1.7	8.2	0.1	0.4	1.0	3.3
18	Stork's-bill	12.6	2.7	21.1	0.4	3.2	15.6	3.2
19	Pale smartweed	17.5	2.2	12.7	0.1	0.8	3.6	3.2
20	Stinkweed	15.0	2.1	14.1	0.1	0.8	2.2	2.8
21	Perennial sow-thistle	11.5	2.3	20.2	0.1	1.3	5.6	2.5
22	Hemp-nettle	11.5	1.8	15.4	0.1	1.1	2.8	2.3
23	Night-flowering catchfly	10.6	1.9	17.6	0.1	1.0	4.0	2.2
24	Chickweed	7.5	1.5	20.2	0.4	5.3	29.4	2.1
25	Pineappleweed	9.4	1.7	17.6	0.1	1.4	3.4	2.0
26	Alfalfa	7.5	1.1	14.8	0.3	3.9	12.6	1.8
27	American vetch	11.4	0.9	7.9	0.1	0.5	1.8	1.8
28	Field violet	5.2	1.6	30.1	0.3	6.3	17.6	1.8
29	Rough hair grass	10.6	0.9	8.9	0.1	0.6	1.0	1.7
30	Quack grass	9.2	1.1	11.9	0.1	1.1	3.6	1.7
31	Meadow brome	7.5	1.3	17.2	0.1	1.5	4.0	1.6
32	Redroot pigweed	4.9	1.5	29.6	0.2	4.0	10.0	1.5
33	Yellow toadflax	7.3	0.9	13.0	0.1	0.8	1.6	1.3
34	Annual spurge species	6.1	1.1	17.3	0.1	1.6	3.8	1.3
35	Barnyard grass species	3.1	1.0	34.1	0.3	9.6	24.0	1.3
36	Barley	6.9	0.8	12.2	< 0.1	0.7	1.2	1.2
37	Oats	4.8	1.2	24.6	0.1	2.2	3.6	1.2
38	Pygmyflower	4.2	1.2	29.4	0.1	3.1	7.4	1.2
39	Field pea	2.2	1.4	65.0	0.2	9.6	9.6	1.2
40	Purslane speedwell	7.3	0.6	8.4	< 0.1	0.4	1.0	1.1
41	Marsh yellow cress	6.2	0.6	10.2	< 0.1	0.5	1.0	1.0
42	Willow species	5.6	0.7	12.4	< 0.1	0.5	0.8	1.0
43	Slough grass	4.1	0.7	16.8	0.1	1.9	4.4	0.9
44	Broad-leaved plantain	4.8	0.6	12.0	< 0.1	1.0	1.4	0.9
45	Prostrate knotweed	5.7	0.4	7.6	< 0.1	0.3	0.6	0.9
46	Clover species	5.1	0.5	9.1	< 0.1	0.6	1.0	0.8
47	Common groundsel	4.8	0.3	7.2	< 0.1	0.3	0.4	0.7
48	Russian thistle	2.6	0.7	26.7	0.1	2.4	2.6	0.7
49	American dragonhead	4.1	0.4	10.0	< 0.1	0.6	1.2	0.7
50	Rough cinquefoil	4.2	0.4	9.6	< 0.1	0.4	0.8	0.7
51	Scouring-rush	3.3	0.4	12.1	< 0.1	1.5	2.4	0.6
52	Long-stalked chickweed	1.7	0.7	45.0	< 0.1	2.8	2.8	0.6

(Table continued on next page)

Field Survey Summary Tables – Crop District 9B

Table 189. 2014/15 Annual crops in Crop District 9B in Northwestern Saskatchewan (74 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Wood whitlow-grass	1.7	0.6	35.0	0.1	3.6	3.6	0.5
54	Blue grass species	2.7	0.3	12.3	< 0.1	1.4	2.6	0.5
55	Nightshade species	1.5	0.5	35.0	< 0.1	3.2	3.2	0.5
56	Scentless chamomile	2.2	0.3	11.7	< 0.1	1.0	2.0	0.4
57	Biennial wormwood	1.5	0.3	20.0	< 0.1	0.8	0.8	0.3
58	Prostrate pigweed	1.2	0.2	15.0	< 0.1	4.2	4.2	0.3
59	Golden dock	1.5	0.2	15.0	< 0.1	0.8	0.8	0.3
60	Burning nettle	1.7	0.1	5.0	< 0.1	0.2	0.2	0.2
61	Annual sow-thistle	1.2	0.2	15.0	< 0.1	0.6	0.6	0.2
62	Round-leaved mallow	1.0	0.2	20.0	< 0.1	1.4	1.4	0.2
63	Canada fleabane	1.5	0.1	5.0	< 0.1	0.2	0.2	0.2
64	Russian pigweed	1.5	0.1	5.0	< 0.1	0.2	0.2	0.2
65	Tansy	1.5	0.1	5.0	< 0.1	0.2	0.2	0.2
66	Henbit	1.2	0.1	10.0	< 0.1	1.0	1.0	0.2
67	Bluebur	1.2	0.1	10.0	< 0.1	0.4	0.4	0.2
68	Long-stalked starwort	1.3	0.1	5.0	< 0.1	0.2	0.2	0.2
69	Ball mustard	1.2	0.1	5.0	< 0.1	0.2	0.2	0.2
70	Toad rush	1.2	0.1	5.0	< 0.1	0.2	0.2	0.2
71	Goat's-beard	1.0	< 0.1	5.0	< 0.1	0.2	0.2	0.1
72	Wormseed mustard	1.0	< 0.1	5.0	< 0.1	0.2	0.2	0.1
73	Tumble pigweed	1.0	< 0.1	5.0	< 0.1	0.2	0.2	0.1

Field Survey Summary Tables – Spring wheat in Crop District 9B

Table 190. 2014/15 Spring wheat in Crop District 9B in Northwestern Saskatchewan (26 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Wild oats	62.2	25.0	40.1	5.1	8.2	47.2	40.7
2	False cleavers	60.1	29.6	49.3	4.3	7.1	35.8	39.8
3	Wild buckwheat	80.1	28.0	35.0	2.1	2.6	13.2	34.0
4	Green foxtail	21.3	16.4	76.7	4.4	20.7	43.0	27.6
5	Canola/rapeseed	50.3	13.7	27.3	3.5	7.1	90.0	27.3
6	Narrow-leaved hawk's-beard	46.5	16.3	35.2	1.6	3.5	10.4	21.2
7	Low cudweed	30.3	6.1	20.0	1.5	5.0	31.4	13.1
8	Canada thistle	41.1	6.7	16.4	0.6	1.4	7.8	11.7
9	Shepherd's-purse	31.2	7.5	24.1	0.7	2.2	5.4	11.0
10	Spiny annual sow-thistle	31.5	7.7	24.6	0.5	1.7	4.2	10.6
11	Foxtail barley	16.4	3.6	22.1	1.0	5.8	24.6	7.8
12	Lamb's-quarters	34.6	3.5	10.2	0.2	0.5	1.6	7.5
13	Perennial sow-thistle	17.3	4.8	27.5	0.3	2.0	5.6	6.3
14	Barnyard grass species	3.4	2.4	70.0	0.8	24.0	24.0	4.7
15	Field violet	8.2	1.6	20.0	0.3	3.6	6.0	3.1
16	Dandelion	16.6	0.8	5.0	<0.1	0.3	0.4	3.0
17	Northern willowherb	7.9	2.1	26.5	0.2	1.9	3.2	2.8
18	Hemp-nettle	12.5	1.3	10.2	0.1	0.5	1.0	2.7
19	Pineappleweed	11.2	0.9	8.4	0.1	0.5	1.0	2.3
20	Field horsetail	8.2	0.8	10.3	0.2	2.2	3.6	2.3
21	Annual spurge species	6.3	1.4	21.6	0.2	2.7	3.8	2.3
22	Rough hair grass	8.2	0.6	7.7	0.1	0.6	1.0	1.7
23	Prostrate knotweed	8.7	0.4	5.0	<0.1	0.2	0.2	1.6
24	Pale smartweed	8.7	0.4	5.0	<0.1	0.2	0.2	1.6
25	American vetch	8.2	0.4	5.0	<0.1	0.2	0.2	1.5
26	Yellow toadflax	4.3	0.9	20.0	0.1	1.6	1.6	1.3
27	Barley	5.6	0.5	8.6	<0.1	0.6	1.2	1.2
28	Stork's-bill	4.3	0.4	10.0	0.1	1.4	1.4	1.1
29	Redroot pigweed	4.1	0.4	10.0	<0.1	0.4	0.6	0.9
30	Annual sow-thistle	3.4	0.5	15.0	<0.1	0.6	0.6	0.9
31	Stinkweed	3.4	0.5	15.0	<0.1	0.6	0.6	0.9
32	Wheat	4.3	0.2	5.0	<0.1	0.4	0.4	0.8
33	Henbit	3.4	0.3	10.0	<0.1	1.0	1.0	0.8
34	American dragonhead	3.6	0.4	10.0	<0.1	0.4	0.4	0.8
35	Purslane speedwell	3.8	0.2	5.0	<0.1	0.4	0.4	0.7
36	Night-flowering catchfly	3.8	0.2	5.0	<0.1	0.2	0.2	0.7
37	Quack grass	3.8	0.2	5.0	<0.1	0.2	0.2	0.7
38	Toad rush	3.6	0.2	5.0	<0.1	0.2	0.2	0.6
39	Scouring-rush	2.0	0.4	20.0	<0.1	1.4	1.4	0.6

Field Survey Summary Tables – Barley in Crop District 9B

Table 191. 2014/15 Barley in Crop District 9B in Northwestern Saskatchewan (10 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Low cudweed	28.8	13.9	48.1	64.1	222.7	501.8	70.5
2	Green foxtail	49.1	31.4	63.9	11.1	22.5	68.6	28.8
3	Wild buckwheat	69.1	35.8	51.8	4.9	7.1	20.8	26.9
4	Wild oats	50.7	22.8	44.9	5.7	11.3	41.2	20.4
5	Canola/rapeseed	48.4	19.2	39.6	2.0	4.1	13.0	15.2
6	False cleavers	39.5	12.9	32.6	4.4	11.0	47.6	13.9
7	Narrow-leaved hawk's-beard	43.4	15.2	35.0	2.6	6.1	16.6	13.6
8	Pale smartweed	54.3	7.9	14.5	0.4	0.8	2.2	9.9
9	Lamb's-quarters	55.7	7.1	12.7	0.3	0.6	1.2	9.6
10	Spiny annual sow-thistle	27.2	7.0	25.9	0.6	2.3	4.0	6.5
11	Stinkweed	26.9	7.3	27.3	0.4	1.7	2.2	6.5
12	Field horsetail	12.7	8.9	70.0	1.1	8.6	8.6	6.0
13	Canada thistle	31.1	2.8	9.1	0.3	0.9	1.8	5.0
14	Shepherd's-purse	19.6	5.2	26.6	0.3	1.4	2.0	4.6
15	Meadow brome	23.8	3.4	14.3	0.5	2.1	4.0	4.6
16	Night-flowering catchfly	21.5	4.2	19.8	0.2	0.9	1.4	4.4
17	Dandelion	23.8	3.0	12.7	0.2	0.7	1.0	4.1
18	Long-stalked chickweed	12.7	5.7	45.0	0.4	2.8	2.8	4.1
19	Wheat	18.4	3.9	21.0	0.3	1.6	2.2	4.0
20	Wood whitlow-grass	12.7	4.4	35.0	0.5	3.6	3.6	3.7
21	Alfalfa	23.8	1.8	7.7	0.1	0.3	0.4	3.6
22	Broad-leaved plantain	20.0	2.0	10.0	0.2	1.0	1.4	3.3
23	Foxtail barley	7.3	3.7	50.0	0.9	13.0	13.0	3.2
24	Oats	12.7	3.2	25.0	0.5	3.6	3.6	3.2
25	Nightshade species	11.1	3.9	35.0	0.4	3.2	3.2	3.2
26	Slough grass	11.1	2.8	25.0	0.5	4.4	4.4	2.9
27	Purslane speedwell	12.7	2.5	20.0	0.1	1.0	1.0	2.6
28	Northern willowherb	12.7	2.5	20.0	0.1	0.8	0.8	2.6
29	Quack grass	11.1	2.2	20.0	0.1	1.0	1.0	2.3
30	Clover species	12.7	1.3	10.0	0.1	1.0	1.0	2.1
31	Prostrate pigweed	8.8	1.3	15.0	0.4	4.2	4.2	1.9
32	Rough hair grass	10.9	1.1	10.0	0.1	0.8	0.8	1.8
33	Round-leaved mallow	7.3	1.5	20.0	0.1	1.4	1.4	1.5
34	Barnyard grass species	7.3	1.1	15.0	0.1	1.6	1.6	1.4
35	Stork's-bill	8.8	0.4	5.0	< 0.1	0.2	0.2	1.2
36	American vetch	7.3	0.4	5.0	0.1	0.8	0.8	1.1

Table 192. 2014/15 Canola in Crop District 9B in North western Saskatchewan (30 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Wild buckwheat	89.7	36.8	41.0	4.2	4.6	27.4	39.1
2	Wild oats	54.7	22.0	40.3	3.2	5.8	19.6	25.7
3	False cleavers	58.0	25.0	43.2	2.4	4.2	24.0	25.0
4	Foxtail barley	13.7	3.6	26.4	5.5	40.4	160.0	20.5
5	Wheat	59.1	18.3	31.0	1.6	2.8	16.0	19.7
6	Narrow-leaved hawk's-beard	42.0	15.8	37.6	2.2	5.2	20.0	18.4
7	Spiny annual sow-thistle	51.1	10.5	20.5	2.3	4.4	51.4	17.3
8	Green foxtail	23.4	10.4	44.3	2.1	9.0	35.2	13.7
9	Lamb's-quarters	37.3	9.9	26.6	1.1	3.0	14.8	12.0
10	Shepherd's-purse	40.7	8.4	20.6	0.7	1.8	9.2	10.5
11	Low cudweed	20.6	7.0	33.9	1.4	6.7	20.8	9.7
12	Canada thistle	28.4	8.2	29.1	0.7	2.5	7.8	9.0
13	Northern willowherb	37.4	4.7	12.6	0.2	0.6	1.2	6.9
14	Field horsetail	20.2	3.3	16.3	0.6	2.8	9.4	5.5
15	Stork's-bill	18.5	3.0	16.3	0.4	2.2	8.4	4.6
16	Dandelion	20.0	1.9	9.4	0.1	0.4	1.0	3.3
17	Hemp-nettle	11.5	2.5	22.0	0.2	1.9	2.8	3.1
18	Field violet	3.1	2.1	70.0	0.5	17.6	17.6	3.0
19	Pygmyflower	6.5	2.8	42.3	0.3	4.6	7.4	2.9
20	Chickweed	15.0	1.8	11.8	0.1	0.8	2.4	2.8
21	American vetch	14.8	1.5	10.3	0.1	0.7	1.8	2.6
22	Night-flowering catchfly	10.3	2.2	21.7	0.2	1.5	4.0	2.6
23	Perennial sow-thistle	13.4	1.7	12.7	0.1	0.5	1.2	2.4
24	Willow species	13.2	1.6	12.4	0.1	0.5	0.8	2.4
25	Stinkweed	14.1	1.4	9.8	0.1	0.4	0.8	2.3
26	Rough hair grass	13.0	1.3	9.8	0.1	0.5	0.8	2.2
27	Canola/rapeseed	6.9	2.1	30.0	0.1	2.1	3.8	2.1
28	Yellow toadflax	10.3	1.4	13.3	0.1	0.7	1.6	2.0
29	Oats	7.4	1.8	24.3	0.1	1.5	2.0	1.9
30	Quack grass	7.4	1.4	18.3	0.2	2.1	3.6	1.9
31	Pale smartweed	12.6	0.8	6.4	< 0.1	0.4	0.6	1.9
32	Rough cinquefoil	9.9	1.0	9.6	< 0.1	0.4	0.8	1.6
33	Redroot pigweed	3.4	1.4	40.0	0.2	5.8	5.8	1.6
34	Blue grass species	6.5	0.8	12.3	0.1	1.4	2.6	1.4
35	Common groundsel	8.6	0.7	8.0	< 0.1	0.3	0.4	1.3
36	Clover species	8.2	0.7	8.7	< 0.1	0.3	0.6	1.3
37	Annual spurge species	6.1	0.9	15.0	0.1	1.2	1.4	1.3
38	Barley	5.1	1.3	25.0	0.1	1.0	1.0	1.3
39	Corn spurry	8.2	0.4	5.0	< 0.1	0.2	0.2	1.1
40	Purslane speedwell	7.9	0.4	5.0	< 0.1	0.2	0.2	1.1
41	Marsh yellow cress	7.4	0.4	5.0	< 0.1	0.2	0.2	1.0
42	Meadow brome	3.1	0.6	20.0	0.1	2.0	2.0	0.8
43	Biennial wormwood	3.4	0.7	20.0	< 0.1	0.8	0.8	0.8
44	American dragonhead	3.4	0.5	15.0	< 0.1	1.2	1.2	0.7
45	Pineappleweed	5.1	0.3	5.0	< 0.1	0.2	0.2	0.7
46	Golden dock	3.4	0.5	15.0	< 0.1	0.8	0.8	0.7
47	Russian thistle	2.7	0.3	10.0	0.1	2.6	2.6	0.6
48	Scouring-rush	2.7	0.3	10.0	0.1	2.4	2.4	0.6
49	Alfalfa	3.1	0.5	15.0	< 0.1	0.6	0.6	0.6
50	Slough grass	3.9	0.2	5.0	< 0.1	0.2	0.2	0.5
51	Burning nettle	3.9	0.2	5.0	< 0.1	0.2	0.2	0.5
52	Canada fleabane	3.4	0.2	5.0	< 0.1	0.2	0.2	0.5

(Table continued on next page)

Field Survey Summary Tables – Canola in Crop District 9B

Table 192. 2014/15 Canola in Crop District 9B in Northwestern Saskatchewan (30 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Russian pigweed	3.4	0.2	5.0	< 0.1	0.2	0.2	0.5
54	Tansy	3.4	0.2	5.0	< 0.1	0.2	0.2	0.5
55	Prostrate knotweed	3.1	0.2	5.0	< 0.1	0.2	0.2	0.4
56	Long-stalked starwort	3.1	0.2	5.0	< 0.1	0.2	0.2	0.4
57	Scentless chamomile	2.8	0.1	5.0	< 0.1	0.2	0.2	0.4
58	Ball mustard	2.8	0.1	5.0	< 0.1	0.2	0.2	0.4
59	Goat's-beard	2.3	0.1	5.0	< 0.1	0.2	0.2	0.3

Field Survey Summary Tables – Density, Species Richness and Weed-Free Quadrats by Decade

Table 193. Density, species richness and weed-free quadrats in each survey

Survey	Number of fields surveyed	Density (number/m ²)			Species (number/field)		Weed-free quadrats	
		mean	SE	median	mean	SE	%	SE
1976-79	4385	61.8	1.2	34.8	7.1	0.0	13.7	0.5
1986	1145	42.3	2.5	17.0	5.1	0.1	26.8	1.3
1995	1178	31.0	1.4	15.0	6.3	0.1	24.8	1.3
2003	2046	26.0	1.3	7.8	4.3	0.1	41.5	1.1
2014-15	2242	42.1	1.6	16.4	6.8	0.1	28.1	0.9

Field Survey Summary Tables – 2003 Annual Crops

Table 194. 2003 Annual crops in Saskatchewan (2046 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	42.1	17.6	41.1	10.3	24.2	568.4	67.0
2	Wild oats	51.5	16.9	32.7	3.9	7.5	352.2	43.8
3	Wild buckwheat	49.7	13.0	25.9	1.4	2.8	94.4	29.8
4	Canada thistle	32.5	6.6	20.0	0.7	2.2	32.6	16.9
5	Lamb's-quarters	21.2	5.0	23.4	1.2	5.6	564.4	14.4
6	Stinkweed	18.5	3.9	21.0	1.0	5.3	198.0	12.0
7	Redroot pigweed	16.4	3.3	20.1	1.1	6.9	758.4	11.5
8	Kochia	17.9	3.9	21.5	0.8	4.2	181.4	11.0
9	Wheat	10.2	3.0	29.7	0.8	7.9	280.8	8.5
10	Russian thistle	12.6	3.1	24.3	0.6	4.7	113.4	8.4
11	Dandelion	11.5	1.7	15.1	0.1	1.2	26.8	4.9
12	Barnyard grass species	7.3	1.4	19.2	0.4	5.6	227.8	4.7
13	False cleavers	8.9	1.7	19.4	0.2	2.3	50.2	4.6
14	Canola/rapeseed	6.6	1.4	21.4	0.4	5.4	92.8	4.3
15	Wild mustard	7.5	1.4	18.8	0.2	3.2	96.0	4.1
16	Field horsetail	7.2	1.5	20.1	0.3	3.5	93.0	4.1
17	Perennial sow-thistle	9.3	1.2	13.4	0.1	1.4	26.8	3.9
18	Shepherd's-purse	6.6	1.3	19.2	0.2	2.5	27.6	3.4
19	Flax	2.8	1.0	36.9	0.3	10.3	161.6	2.8
20	Narrow-leaved hawk's-beard	5.3	0.9	16.3	0.1	1.7	17.0	2.4
21	Flixweed	4.8	0.6	13.3	0.2	3.6	141.0	2.4
22	Hemp-nettle	4.4	0.7	16.6	0.1	2.5	44.4	2.2
23	Pale smartweed	5.3	0.7	12.3	0.1	1.3	31.0	2.2
24	Quack grass	3.1	0.7	21.5	0.2	4.9	84.8	2.0
25	Cow cockle	3.5	0.8	22.5	0.1	2.6	30.4	2.0
26	Foxtail barley	4.5	0.5	9.9	0.1	1.8	96.0	1.8
27	Persian damel	2.2	0.5	22.2	0.2	7.6	142.6	1.7
28	Barley	3.4	0.6	17.3	0.1	1.6	9.0	1.6
29	Chickweed	2.3	0.6	24.5	0.1	4.3	19.8	1.5
30	Bluebur	3.2	0.5	15.0	0.1	2.0	43.8	1.5
31	Round-leaved mallow	2.9	0.5	16.0	0.1	2.4	28.4	1.4
32	Annual spurge species	2.0	0.3	16.8	0.1	2.6	38.4	1.0
33	Night-flowering catchfly	2.0	0.4	19.1	< 0.1	2.2	13.4	1.0
34	Spiny annual sow-thistle	2.2	0.3	15.5	< 0.1	1.6	13.6	1.0
35	Biennial wormwood	2.0	0.2	9.2	< 0.1	0.7	5.6	0.7
36	Prickly lettuce	2.0	0.2	8.5	< 0.1	0.6	3.2	0.7
37	Oats	0.3	0.2	42.6	0.1	23.9	104.4	0.6
38	Lentil	0.8	0.3	36.8	< 0.1	3.0	11.6	0.6
39	White mustard	0.4	0.2	54.5	0.1	17.1	49.8	0.6
40	Annual sow-thistle	1.5	0.2	10.9	< 0.1	0.8	3.4	0.6
41	Alfalfa	1.1	0.2	16.9	< 0.1	2.6	44.2	0.6
42	Field pea	0.9	0.2	26.5	< 0.1	2.1	7.6	0.5
43	Prostrate knotweed	1.4	0.2	11.0	< 0.1	0.8	3.6	0.5
44	Common pepper-grass	1.2	0.1	11.5	< 0.1	1.7	19.8	0.5
45	Black medick	1.0	0.2	15.3	< 0.1	2.3	7.8	0.5
46	Tumble pigweed	0.6	0.1	21.6	< 0.1	8.2	43.8	0.4
47	American dragonhead	1.0	0.1	12.4	< 0.1	1.0	7.2	0.4
48	Yellow sweet-clover	0.6	0.2	26.1	< 0.1	3.6	16.2	0.4
49	Rose species	0.9	0.1	9.6	< 0.1	1.5	9.0	0.4
50	Wild tomato	0.8	0.1	11.3	< 0.1	1.4	8.8	0.3
51	American vetch	0.9	0.1	8.2	< 0.1	0.7	2.6	0.3
52	Common groundsel	0.8	0.1	11.7	< 0.1	0.8	2.0	0.3

(Table continued on next page)

Table 194. 2003 Annual crops in Saskatchewan (2046 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Canada fleabane	0.7	0.1	14.9	<0.1	0.8	2.8	0.3
54	Clover species	0.7	0.1	13.4	<0.1	1.5	6.6	0.3
55	Prostrate pigweed	0.7	0.1	8.8	<0.1	0.5	1.6	0.2
56	Tumble mustard	0.6	0.1	14.2	<0.1	1.1	6.6	0.2
57	Purslane speedwell	0.7	<0.1	7.3	<0.1	0.5	1.4	0.2
58	Canary grass	0.3	0.1	26.8	<0.1	3.3	11.0	0.2
59	Pineappleweed	0.5	0.1	12.5	<0.1	0.7	1.4	0.2
60	Dog mustard	0.4	0.1	17.9	<0.1	2.6	8.0	0.2
61	Stork's-bill	0.4	0.1	17.1	<0.1	2.1	6.8	0.2
62	Scouring-rush	0.3	0.1	12.2	<0.1	1.5	4.0	0.2
63	White cockle	0.5	<0.1	9.9	<0.1	0.6	3.6	0.2
64	Field bindweed	0.3	0.1	21.6	<0.1	4.1	20.8	0.2
65	Broad-leaved plantain	0.5	<0.1	5.3	<0.1	0.4	1.8	0.2
66	Goat's-beard	0.5	<0.1	8.5	<0.1	0.4	0.8	0.2
67	Wormseed mustard	0.3	<0.1	12.5	<0.1	2.0	8.2	0.1
68	Dock species	0.4	<0.1	11.0	<0.1	0.9	2.2	0.1
69	Yellow toadflax	0.4	<0.1	8.1	<0.1	0.8	2.2	0.1
70	Borage	0.1	0.1	68.2	<0.1	11.9	21.4	0.1
71	Annual brome species	0.2	<0.1	20.5	<0.1	2.7	4.8	0.1
72	Scentless chamomile	0.2	<0.1	20.6	<0.1	1.5	2.6	0.1
73	Corn spurry	0.2	<0.1	16.7	<0.1	2.5	14.6	0.1
74	Smooth brome	0.2	<0.1	17.0	<0.1	2.0	3.6	0.1
75	Povertyweed	0.1	<0.1	38.3	<0.1	6.5	13.2	0.1
76	Rough cinquefoil	0.2	<0.1	5.7	<0.1	0.6	1.6	0.1
77	Sunflower species	0.2	<0.1	6.3	<0.1	0.3	0.4	0.1
78	Striate knotweed	0.2	<0.1	8.8	<0.1	0.6	1.0	0.1
79	Absinth	0.1	<0.1	20.2	<0.1	2.4	6.4	0.1
80	Maple-leaved goosefoot	0.2	<0.1	6.7	<0.1	0.3	0.6	0.1
81	Coriander	<0.1	<0.1	85.0	<0.1	11.8	11.8	0.1
82	Chickpea	0.1	<0.1	24.9	<0.1	1.9	2.2	0.1
83	Spear-leaved goosefoot	0.2	<0.1	7.9	<0.1	0.5	0.8	0.1
84	Common yellow wood-sorrel	0.1	<0.1	15.0	<0.1	19.4	19.4	0.1
85	Pygmyflower	0.1	<0.1	20.3	<0.1	1.9	3.0	0.1
86	Low cudweed	0.2	<0.1	8.0	<0.1	0.3	0.4	0.1
87	Nodding thistle	0.1	<0.1	35.0	<0.1	2.2	2.2	0.1
88	Ball mustard	0.2	<0.1	6.7	<0.1	0.3	0.4	0.1
89	Bicknell's geranium	0.1	<0.1	12.4	<0.1	0.9	1.0	0.1
90	Tansy	0.1	<0.1	5.0	<0.1	0.3	0.4	<0.1
91	Yellow foxtail	<0.1	<0.1	30.0	<0.1	7.8	7.8	<0.1
92	Milk-vetch species	0.1	<0.1	5.0	<0.1	1.0	1.0	<0.1
93	Cocklebur	0.1	<0.1	16.1	<0.1	1.1	4.4	<0.1
94	Skeletonweed	0.1	<0.1	10.0	<0.1	1.8	1.8	<0.1
95	Rye	0.1	<0.1	5.0	<0.1	0.2	0.2	<0.1
96	Indian mustard	<0.1	<0.1	20.0	<0.1	1.4	1.4	<0.1
97	Tartary buckwheat	0.1	<0.1	16.7	<0.1	1.2	1.4	<0.1
98	Russian pigweed	0.1	<0.1	5.0	<0.1	0.2	0.2	<0.1
99	Vetchling species	0.1	<0.1	5.0	<0.1	0.3	0.6	<0.1
100	Caraway	0.1	<0.1	5.0	<0.1	0.4	0.4	<0.1
101	Slough grass	0.1	<0.1	5.0	<0.1	0.2	0.2	<0.1
102	Field mint	0.1	<0.1	5.0	<0.1	0.2	0.2	<0.1
103	Field violet	0.1	<0.1	5.0	<0.1	0.4	0.4	<0.1
104	Upright prairie coneflower	0.1	<0.1	5.0	<0.1	0.2	0.2	<0.1

(Table continued on next page)

Field Survey Summary Tables – 2003 Annual Crops

Table 194. 2003 Annual crops in Saskatchewan (2046 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
105	Witch grass	< 0.1	< 0.1	10.0	< 0.1	1.4	1.4	< 0.1
106	Wood whitlow-grass	0.1	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
107	Poplar species	< 0.1	< 0.1	10.0	< 0.1	0.4	0.4	< 0.1
108	Green tansy mustard	< 0.1	< 0.1	10.0	< 0.1	0.4	0.4	< 0.1
109	Toad rush	< 0.1	< 0.1	5.0	< 0.1	0.8	0.8	< 0.1
110	False ragweed	< 0.1	< 0.1	15.0	< 0.1	0.6	0.6	< 0.1
111	Blue grass species	0.1	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
112	Rayless aster	< 0.1	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
113	Tall hedge mustard	< 0.1	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
114	Water smartweed	< 0.1	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
115	Silverweed	< 0.1	< 0.1	5.0	< 0.1	0.4	0.4	< 0.1
116	Small-leaved lamb's-quarters	< 0.1	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
117	Spreading dogbane	< 0.1	< 0.1	5.0	< 0.1	0.4	0.4	< 0.1
118	Pasture sage	< 0.1	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
119	Black mustard	< 0.1	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1

Table 195. 1995 Annual crops in Saskatchewan (1178 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	53.1	21.8	41.0	8.7	16.4	487.8	50.9
2	Wild oats	68.3	19.6	28.7	5.1	7.5	248.0	40.3
3	Wild buckwheat	64.2	21.0	32.7	2.5	3.9	167.6	32.2
4	Stinkweed	40.7	11.2	27.5	2.8	6.8	348.2	22.7
5	Canada thistle	43.0	9.1	21.3	1.1	2.6	61.8	16.5
6	Lamb's-quarters	30.3	6.3	20.8	0.8	2.7	84.6	11.6
7	Perennial sow-thistle	29.4	6.0	20.6	0.7	2.4	39.8	10.9
8	Russian thistle	24.1	5.1	21.0	0.9	3.6	138.0	10.0
9	Wild mustard	18.8	4.3	23.1	0.5	2.6	37.4	7.4
10	Redroot pigweed	20.1	3.8	19.1	0.4	2.0	31.0	7.0
11	Canola/rapeseed	13.0	4.0	30.9	0.7	5.2	65.8	6.9
12	Shepherd's-purse	13.9	3.0	21.8	0.6	4.2	62.6	6.1
13	Kochia	16.0	3.0	18.9	0.4	2.2	29.0	5.7
14	Dandelion	17.4	2.3	13.4	0.2	0.9	15.6	4.8
15	False cleavers	9.1	2.5	27.6	0.4	3.9	74.4	4.2
16	Quack grass	8.8	1.7	19.4	0.5	5.9	175.6	4.2
17	Annual spurge species	7.9	2.3	29.3	0.4	4.5	41.6	3.9
18	Field horsetail	8.2	1.6	19.3	0.4	5.0	70.8	3.7
19	Persian damel	4.2	1.0	23.4	0.7	16.0	243.6	3.5
20	Wheat	10.1	1.6	15.8	0.2	1.7	137.0	3.2
21	Cow cockle	8.0	1.7	21.5	0.2	3.1	30.2	3.2
22	Pale smartweed	10.3	1.3	13.1	0.1	1.1	9.0	2.9
23	Flixweed	10.2	1.2	11.9	0.1	0.9	10.0	2.7
24	Flax	4.4	1.6	36.0	0.3	6.6	42.6	2.6
25	Hemp-nettle	5.8	1.3	22.8	0.2	3.3	41.2	2.4
26	Chickweed	3.9	1.0	24.8	0.4	8.9	60.4	2.4
27	Bluebur	7.6	0.9	11.6	0.1	1.2	40.0	2.1
28	Barnyard grass species	3.4	0.6	17.4	0.3	7.4	224.8	1.7
29	Narrow-leaved hawk's-beard	5.7	0.7	12.2	0.1	1.4	14.8	1.6
30	Barley	3.6	0.7	19.8	0.1	2.9	23.4	1.4
31	Rose species	4.5	0.4	9.0	< 0.1	1.1	9.8	1.1
32	Common groundsel	2.8	0.5	18.8	0.1	2.6	56.0	1.0
33	Corn spurry	1.0	0.2	21.9	0.2	20.4	148.6	1.0
34	Prostrate knotweed	3.2	0.4	13.1	0.1	1.9	24.0	1.0
35	Prostrate pigweed	3.3	0.4	11.4	< 0.1	1.2	15.6	0.9
36	Night-flowering catchfly	2.4	0.5	22.1	0.1	2.1	46.0	0.9
37	Dog mustard	2.1	0.4	18.8	0.1	2.8	27.0	0.8
38	Round-leaved mallow	2.6	0.4	14.5	< 0.1	1.3	6.8	0.8
39	Canary grass	0.7	0.2	26.3	0.1	20.4	144.2	0.7
40	Foxtail barley	2.3	0.3	12.4	< 0.1	1.5	9.6	0.7
41	Canada fleabane	2.5	0.3	10.5	< 0.1	0.7	4.2	0.6
42	Absinth	1.4	0.5	33.0	< 0.1	1.9	5.4	0.6
43	Stork's-bill	0.5	0.3	52.7	0.1	19.0	59.0	0.6
44	Tumble pigweed	1.7	0.3	18.0	< 0.1	1.9	11.0	0.6
45	Field pea	1.9	0.3	16.1	< 0.1	1.0	4.4	0.6
46	Biennial wormwood	2.1	0.2	10.3	< 0.1	0.9	5.6	0.5
47	Scentless chamomile	1.6	0.2	15.2	< 0.1	1.3	9.2	0.5
48	Lentil	1.2	0.3	27.2	< 0.1	2.5	12.2	0.5
49	American vetch	1.9	0.2	9.2	< 0.1	0.7	2.0	0.5
50	Spiny annual sow-thistle	1.8	0.2	11.5	< 0.1	0.8	4.2	0.5
51	Wild tomato	2.0	0.2	8.2	< 0.1	0.5	2.6	0.5
52	Ball mustard	1.2	0.2	21.2	< 0.1	2.5	13.6	0.4

(Table continued on next page)

Field Survey Summary Tables – 1995 Annual Crops

Table 195. 1995 Annual crops in Saskatchewan (1178 fields) (continued)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Yellow sweet-clover	1.1	0.1	13.0	<0.1	3.1	48.8	0.4
54	Sunflower species	1.3	0.2	12.3	<0.1	1.4	11.8	0.4
55	Striate knotweed	1.6	0.1	9.1	<0.1	0.4	2.0	0.4
56	Dock species	1.0	0.2	15.9	<0.1	1.0	5.2	0.3
57	Common pepper-grass	1.3	0.1	8.7	<0.1	0.6	2.4	0.3
58	Water smartweed	0.8	0.1	12.9	<0.1	2.3	8.4	0.3
59	Rye	0.6	0.2	25.1	<0.1	2.4	6.8	0.2
60	Broad-leaved plantain	0.8	0.1	13.4	<0.1	1.0	4.4	0.2
61	Clover species	0.8	0.1	9.3	<0.1	0.7	4.2	0.2
62	Alfalfa	0.8	0.1	9.6	<0.1	0.5	1.4	0.2
63	Wormseed mustard	0.7	0.1	13.5	<0.1	0.7	1.4	0.2
64	White mustard	0.3	0.1	37.0	<0.1	4.0	12.8	0.2
65	Showy milkweed	0.1	0.1	57.6	<0.1	22.3	42.8	0.2
66	Pineappleweed	0.6	0.1	8.1	<0.1	1.1	15.8	0.2
67	Wood whitlow-grass	0.4	<0.1	11.6	<0.1	3.6	18.0	0.1
68	Rough cinquefoil	0.6	<0.1	5.6	<0.1	0.3	0.8	0.1
69	Burning nettle	0.1	<0.1	50.0	<0.1	26.8	26.8	0.1
70	Vetchling species	0.5	<0.1	6.2	<0.1	0.3	1.4	0.1
71	American dragonhead	0.4	<0.1	13.8	<0.1	0.7	2.0	0.1
72	Field bindweed	0.2	0.1	27.5	<0.1	3.2	6.2	0.1
73	Black medick	0.4	<0.1	6.2	<0.1	0.3	0.8	0.1
74	Green tansy mustard	0.4	<0.1	6.1	<0.1	0.2	0.4	0.1
75	Blue grass species	0.3	<0.1	19.1	<0.1	1.3	4.6	0.1
76	Black-eyed Susan	0.1	0.1	55.0	<0.1	9.0	9.0	0.1
77	Nodding thistle	0.2	<0.1	17.6	<0.1	1.0	1.0	0.1
78	Prickly lettuce	0.4	<0.1	5.7	<0.1	0.3	0.8	0.1
79	Gray tansy mustard	0.3	<0.1	11.3	<0.1	0.7	1.0	0.1
80	Goat's-beard	0.4	<0.1	5.0	<0.1	0.2	0.2	0.1
81	Annual brome species	0.3	<0.1	8.8	<0.1	0.4	0.4	0.1
82	Yellow toadflax	0.3	<0.1	6.7	<0.1	0.5	1.2	0.1
83	Henbit	0.3	<0.1	6.5	<0.1	0.4	0.6	0.1
84	Milk-vetch species	0.3	<0.1	9.1	<0.1	0.6	3.6	0.1
85	Povertyweed	0.1	<0.1	15.0	<0.1	7.1	8.8	0.1
86	Northern willowherb	0.3	<0.1	5.0	<0.1	0.2	0.2	0.1
87	Field violet	0.2	<0.1	14.9	<0.1	2.1	15.0	0.1
88	Purslane	0.2	<0.1	7.7	<0.1	1.0	3.0	0.1
89	Poplar species	0.2	<0.1	13.2	<0.1	0.7	1.2	0.1
90	Diffuse knapweed	0.2	<0.1	5.0	<0.1	0.3	0.4	<0.1
91	Maple-leaved goosefoot	0.2	<0.1	8.2	<0.1	0.3	0.4	<0.1
92	Russian pigweed	0.2	<0.1	5.0	<0.1	0.4	0.6	<0.1
93	Bicknell's geranium	0.2	<0.1	5.0	<0.1	0.2	0.2	<0.1
94	Blue lettuce	0.2	<0.1	5.0	<0.1	0.4	0.4	<0.1
95	Skeletonweed	0.2	<0.1	5.0	<0.1	0.2	0.2	<0.1
96	Oats	0.1	<0.1	20.0	<0.1	1.6	1.6	<0.1
97	Leafy spurge	0.2	<0.1	5.0	<0.1	0.2	0.2	<0.1
98	Common ragweed	0.1	<0.1	5.0	<0.1	0.2	0.2	<0.1
99	Common burdock	0.1	<0.1	10.0	<0.1	0.4	0.4	<0.1
100	Caraway	0.1	<0.1	20.0	<0.1	2.6	2.6	<0.1
101	Spear-leaved goosefoot	0.1	<0.1	5.0	<0.1	0.2	0.2	<0.1
102	Borage	0.1	<0.1	30.0	<0.1	2.6	2.6	<0.1
103	Field mint	0.1	<0.1	5.0	<0.1	1.8	1.8	<0.1
104	Sedge species	0.1	<0.1	10.0	<0.1	0.6	0.6	<0.1

(Table continued on next page)

Table 195. 1995 Annual crops in Saskatchewan (1178 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
105	Spreading dogbane	0.1	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
106	Bladder campion	0.1	< 0.1	20.0	< 0.1	1.0	1.0	< 0.1
107	Manitoba maple	0.1	< 0.1	10.0	< 0.1	0.4	0.4	< 0.1
108	Tumble mustard	0.1	< 0.1	10.0	< 0.1	0.4	0.4	< 0.1
109	Purslane speedwell	< 0.1	< 0.1	25.0	< 0.1	2.2	2.2	< 0.1
110	Vervain species	0.1	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
111	Plains prickly-pear	0.1	< 0.1	5.0	< 0.1	0.4	0.4	< 0.1
112	Meadow rue species	0.1	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
113	Small-seeded false flax	0.1	< 0.1	10.0	< 0.1	0.4	0.4	< 0.1
114	Aster species	0.1	< 0.1	5.0	< 0.1	0.8	0.8	< 0.1
115	Slough grass	< 0.1	< 0.1	5.0	< 0.1	9.6	9.6	< 0.1
116	False ragweed	0.1	< 0.1	10.0	< 0.1	0.8	0.8	< 0.1
117	White cockle	0.1	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
118	Gumweed	0.1	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
119	Nightshade species	0.1	< 0.1	5.0	< 0.1	0.4	0.4	< 0.1
120	Smooth brome	0.1	< 0.1	5.0	< 0.1	0.4	0.4	< 0.1
121	Low cudweed	< 0.1	< 0.1	10.0	< 0.1	4.4	4.4	< 0.1
122	Short-awned foxtail	0.1	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
123	Buffaloberry species	0.1	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
124	Tansy	< 0.1	< 0.1	10.0	< 0.1	0.6	0.6	< 0.1

Field Survey Summary Tables – 1986 Annual Crops

Table 196. 1986 Annual crops in Saskatchewan (1145 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	53.5	28.8	53.9	19.4	36.3	1592.6	77.0
2	Wild oats	57.1	17.4	30.5	4.5	7.8	187.4	34.2
3	Wild buckwheat	65.5	20.7	31.6	2.4	3.7	58.0	33.3
4	Stinkweed	38.4	9.6	25.1	3.1	8.0	793.4	21.6
5	Russian thistle	24.9	6.8	27.3	1.6	6.4	174.4	13.5
6	Lamb's-quarters	27.8	7.0	25.2	1.2	4.3	194.0	13.2
7	Redroot pigweed	28.5	5.6	19.7	0.7	2.4	73.8	11.2
8	Cow cockle	12.5	3.4	26.9	1.0	7.8	215.6	7.2
9	Shepherd's-purse	11.8	2.9	24.4	1.0	8.6	216.8	6.8
10	Canada thistle	18.0	3.0	16.9	0.3	1.9	20.8	6.5
11	Wild mustard	13.3	2.6	19.8	0.6	4.2	111.2	5.8
12	Pale smartweed	12.4	2.0	16.0	0.3	2.0	59.4	4.4
13	Perennial sow-thistle	10.6	1.6	15.2	0.2	1.8	17.2	3.7
14	Bluebur	8.5	1.9	22.8	0.3	3.1	58.6	3.7
15	Field horsetail	6.6	1.6	24.6	0.5	7.0	71.4	3.6
16	Flax	2.7	1.5	56.1	0.7	26.4	281.6	3.3
17	Prostrate pigweed	8.6	1.4	16.5	0.2	2.5	44.4	3.2
18	Hemp-nettle	5.4	1.4	25.7	0.5	8.5	248.2	3.2
19	Annual spurge species	5.6	1.7	30.4	0.2	4.5	30.6	2.9
20	Flixweed	7.7	1.1	13.9	0.1	1.3	22.4	2.5
21	Chickweed	3.3	1.0	29.2	0.4	13.3	122.0	2.4
22	Rose species	8.1	0.8	10.4	0.1	0.9	4.4	2.4
23	Canola/rapeseed	4.4	1.3	29.9	0.2	5.6	43.2	2.4
24	Night-flowering catchfly	5.1	1.3	25.7	0.1	2.8	23.2	2.3
25	False cleavers	4.5	1.1	24.7	0.2	4.8	48.6	2.2
26	Wheat	3.9	1.0	26.5	0.2	4.6	43.8	1.9
27	Quack grass	4.4	0.6	14.1	0.2	5.2	199.2	1.8
28	Kochia	4.0	0.8	21.0	0.1	3.4	54.8	1.7
29	Black medick	1.1	0.5	47.1	0.5	43.1	216.4	1.7
30	Common groundsel	2.7	0.7	26.9	0.2	5.9	81.6	1.4
31	Tumble pigweed	3.3	0.8	24.6	0.1	2.5	16.6	1.4
32	Narrow-leaved hawk's-beard	4.1	0.7	15.9	0.1	1.6	43.6	1.4
33	Barnyard grass species	3.4	0.4	12.9	0.1	4.0	79.2	1.3
34	Persian damel	2.4	0.5	19.2	0.1	5.7	46.0	1.1
35	Barley	2.6	0.7	25.7	0.1	2.1	8.2	1.1
36	Dandelion	3.0	0.4	12.4	< 0.1	0.9	7.8	0.9
37	Round-leaved mallow	2.2	0.4	16.7	0.1	2.6	25.4	0.8
38	Wild tomato	2.2	0.4	18.1	< 0.1	1.8	9.4	0.8
39	Biennial wormwood	1.9	0.2	12.5	< 0.1	2.1	15.4	0.6
40	Corn spurry	1.8	0.3	14.9	< 0.1	2.3	41.8	0.6
41	Prostrate knotweed	2.0	0.2	11.5	< 0.1	1.6	12.8	0.6
42	Pineappleweed	1.2	0.2	17.4	< 0.1	1.7	6.8	0.4
43	Yellow sweet-clover	0.8	0.2	17.9	0.1	7.6	62.2	0.4
44	White mustard	0.4	0.2	53.3	0.1	14.6	49.4	0.4
45	Povertyweed	0.6	0.2	26.7	0.1	10.2	21.8	0.4
46	Dock species	1.0	0.2	16.6	< 0.1	2.2	6.2	0.4
47	Alfalfa	0.7	0.2	23.7	< 0.1	2.3	15.0	0.3
48	Water smartweed	0.7	0.1	13.3	< 0.1	7.5	26.2	0.3
49	Russian pigweed	0.9	0.1	15.9	< 0.1	1.1	4.2	0.3
50	Ball mustard	0.8	0.1	12.1	< 0.1	1.6	7.0	0.3
51	Purslane speedwell	0.5	0.1	17.8	< 0.1	8.5	37.2	0.2
52	American dragonhead	0.7	0.1	15.7	< 0.1	1.0	4.2	0.2

(Table continued on next page)

Table 196. 1986 Annual crops in Saskatchewan (1145 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Scouler's popcomflower	0.2	0.1	27.1	0.1	27.2	62.0	0.2
54	Stork's-bill	0.2	0.1	34.2	0.1	24.3	66.2	0.2
55	Broad-leaved plantain	0.9	0.1	7.7	<0.1	0.4	0.8	0.2
56	Wormseed mustard	0.6	0.1	23.8	<0.1	2.3	8.4	0.2
57	Vetchling species	0.9	0.1	6.2	<0.1	0.6	1.2	0.2
58	Common pepper-grass	0.8	0.1	10.0	<0.1	0.9	6.2	0.2
59	White cockle	0.5	0.1	17.5	<0.1	1.2	3.6	0.2
60	Dog mustard	0.5	0.1	18.5	<0.1	2.5	7.2	0.2
61	Green tansy mustard	0.6	0.1	11.4	<0.1	0.6	4.4	0.2
62	Hare's-ear mustard	0.5	<0.1	8.7	<0.1	0.4	1.0	0.1
63	Tumble mustard	0.5	<0.1	7.9	<0.1	0.3	0.4	0.1
64	Striate knotweed	0.4	<0.1	9.8	<0.1	0.8	2.0	0.1
65	Western snowberry	0.3	0.1	21.6	<0.1	1.9	2.6	0.1
66	Oak-leaved goosefoot	0.3	0.1	18.1	<0.1	1.9	3.6	0.1
67	Foxtail barley	0.4	<0.1	5.1	<0.1	0.2	0.4	0.1
68	Scentless chamomile	0.3	<0.1	10.8	<0.1	1.1	4.6	0.1
69	Witch grass	0.2	0.1	26.5	<0.1	2.2	5.8	0.1
70	Spear-leaved goosefoot	0.2	<0.1	20.4	<0.1	1.1	3.0	0.1
71	Northern bedstraw	0.3	<0.1	5.0	<0.1	0.3	0.6	0.1
72	Spiny annual sow-thistle	0.3	<0.1	15.6	<0.1	0.7	1.2	0.1
73	Bladder campion	0.2	<0.1	22.5	<0.1	1.4	1.8	0.1
74	Sunflower species	0.3	<0.1	7.2	<0.1	0.4	0.4	0.1
75	Absinth	0.2	<0.1	15.2	<0.1	2.9	4.6	0.1
76	Sedge species	0.1	<0.1	35.0	<0.1	12.4	12.4	0.1
77	Small-seeded false flax	0.2	<0.1	21.2	<0.1	1.6	3.2	0.1
78	Poison suckleya	0.2	<0.1	8.0	<0.1	0.5	0.6	0.1
79	Prickly lettuce	0.2	<0.1	10.0	<0.1	0.6	0.8	0.1
80	American vetch	0.2	<0.1	8.2	<0.1	0.4	0.8	0.1
81	Pygmyflower	0.1	<0.1	35.0	<0.1	5.4	5.4	0.1
82	Rye	0.2	<0.1	17.5	<0.1	1.1	2.0	0.1
83	Skeletonweed	0.2	<0.1	6.2	<0.1	0.3	1.2	0.1
84	Redtop	0.1	<0.1	12.0	<0.1	2.6	3.8	<0.1
85	Milk-vetch species	0.2	<0.1	11.3	<0.1	1.1	1.8	<0.1
86	Bicknell's geranium	0.2	<0.1	7.9	<0.1	0.3	0.4	<0.1
87	Rough cinquefoil	0.2	<0.1	5.0	<0.1	0.2	0.2	<0.1
88	Small bugloss	0.1	<0.1	20.0	<0.1	2.8	2.8	<0.1
89	Marsh hedge-nettle	0.1	<0.1	5.0	<0.1	0.4	0.4	<0.1
90	Smooth brome	0.1	<0.1	10.3	<0.1	0.9	1.4	<0.1
91	Gray tansy mustard	0.1	<0.1	7.3	<0.1	0.3	0.4	<0.1
92	Poplar species	0.1	<0.1	5.0	<0.1	0.2	0.2	<0.1
93	Blue grass species	0.1	<0.1	12.6	<0.1	2.1	5.4	<0.1
94	Atriplex species	0.1	<0.1	30.0	<0.1	1.8	1.8	<0.1
95	Northern willowherb	0.1	<0.1	5.0	<0.1	0.2	0.2	<0.1
96	Yellow toadflax	0.1	<0.1	5.0	<0.1	0.2	0.2	<0.1
97	Wood whitlow-grass	0.1	<0.1	10.1	<0.1	1.4	3.6	<0.1
98	Purslane	0.1	<0.1	25.0	<0.1	4.4	4.4	<0.1
99	Field pea	<0.1	<0.1	45.0	<0.1	4.6	4.6	<0.1
100	Five-hooked bassia	0.1	<0.1	5.0	<0.1	0.4	0.4	<0.1
101	Red goosefoot	0.1	<0.1	15.0	<0.1	0.6	0.6	<0.1
102	Common yellow wood-sorrel	0.1	<0.1	10.0	<0.1	2.0	2.0	<0.1
103	Blueberry species	0.1	<0.1	5.0	<0.1	0.4	0.4	<0.1
104	Needle-and-thread grass	0.1	<0.1	5.0	<0.1	0.4	0.4	<0.1

(Table continued on next page)

Field Survey Summary Tables – 1986 Annual Crops

Table 196. 1986 Annual crops in Saskatchewan (1145 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
105	Pasture sage	0.1	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
106	Showy milkweed	0.1	< 0.1	10.0	< 0.1	0.6	0.6	< 0.1
107	Pussytoes species	0.1	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
108	Common burdock	0.1	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
109	Clover species	0.1	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
110	Scarlet gaura	< 0.1	< 0.1	10.0	< 0.1	0.8	0.8	< 0.1
111	Nodding thistle	< 0.1	< 0.1	15.0	< 0.1	2.6	2.6	< 0.1
112	Field bindweed	< 0.1	< 0.1	5.0	< 0.1	0.4	0.4	< 0.1

Table 197. 1976-79 Annual crops in Saskatchewan (4385 fields)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1	Green foxtail	47.7	27.1	56.9	21.8	45.7	736.2	54.5
2	Wild oats	71.0	28.3	39.8	10.2	14.3	564.2	39.5
3	Wild buckwheat	82.4	37.3	45.3	5.5	6.7	154.8	37.7
4	Stinkweed	56.4	16.0	28.3	4.0	7.1	298.6	21.7
5	Lamb's-quarters	45.7	13.5	29.6	2.5	5.6	200.8	16.8
6	Russian thistle	41.4	13.1	31.6	3.0	7.3	195.8	16.7
7	Redroot pigweed	46.8	13.3	28.5	2.3	4.9	187.0	16.4
8	Cow cockle	32.6	9.7	29.8	2.1	6.5	376.0	12.5
9	Wild mustard	22.6	5.1	22.7	0.8	3.4	105.0	6.8
10	Perennial sow-thistle	23.8	4.8	20.3	0.6	2.4	73.2	6.5
11	Canada thistle	23.1	4.5	19.5	0.6	2.6	39.8	6.3
12	Bluebur	20.7	5.0	24.2	0.6	2.9	113.6	6.2
13	Flixweed	22.3	3.9	17.7	0.5	2.0	50.4	5.7
14	Pale smartweed	12.2	3.2	26.1	0.6	5.2	151.8	4.2
15	Night-flowering catchfly	10.2	3.3	32.1	0.6	5.9	160.0	3.9
16	Shepherd's-purse	8.4	2.1	25.3	0.5	6.1	128.0	3.0
17	Kochia	9.1	2.1	23.1	0.3	3.3	66.6	2.7
18	Rose species	11.8	1.4	12.1	0.2	1.6	37.8	2.6
19	Field horsetail	6.9	1.7	24.7	0.5	6.8	85.4	2.5
20	Narrow-leaved hawk's-beard	6.1	1.7	27.2	0.3	5.6	218.6	2.2
21	Hemp-nettle	5.9	1.5	25.6	0.3	4.8	55.6	2.0
22	Persian damel	5.0	1.1	22.0	0.4	8.6	242.2	1.9
23	Dandelion	7.3	1.3	17.7	0.1	1.6	26.8	1.8
24	Wheat	5.0	1.2	24.8	0.2	4.1	55.4	1.6
25	Canola/rapeseed	4.9	1.2	24.9	0.2	3.1	52.0	1.5
26	Barley	4.9	1.1	22.6	0.2	3.8	106.4	1.5
27	Prostrate knotweed	5.5	0.9	16.6	0.1	2.0	109.2	1.4
28	Chickweed	2.4	0.7	28.4	0.4	18.1	370.6	1.3
29	Annual spurge species	3.9	1.1	27.8	0.2	4.4	55.8	1.3
30	Biennial wormwood	5.1	0.7	14.2	0.1	1.4	13.6	1.2
31	Prostrate pigweed	4.6	0.8	16.6	0.1	2.1	68.6	1.1
32	Clover species	2.7	0.7	27.1	0.2	8.4	214.2	1.1
33	Quack grass	3.6	0.6	17.1	0.2	5.0	117.4	1.1
34	Barnyard grass species	3.2	0.6	19.6	0.2	5.6	75.4	1.0
35	American vetch	3.9	0.5	13.6	< 0.1	1.2	14.0	0.9
36	Common groundsel	2.0	0.5	26.3	0.2	8.9	235.6	0.8
37	Common pepper-grass	3.5	0.5	14.7	< 0.1	1.4	27.8	0.8
38	Flax	1.7	0.5	31.8	0.2	11.8	87.6	0.8
39	Alfalfa	1.3	0.4	28.2	0.1	9.2	99.8	0.5
40	False cleavers	1.7	0.4	24.7	0.1	3.6	36.6	0.5
41	Dock species	2.2	0.3	13.3	< 0.1	1.4	23.2	0.5
42	Foxtail barley	2.2	0.2	10.3	< 0.1	1.2	19.8	0.5
43	Corn spurry	0.8	0.3	31.2	0.1	12.1	91.4	0.4
44	Round-leaved mallow	1.7	0.2	12.9	< 0.1	1.2	9.6	0.4
45	Russian pigweed	1.3	0.2	15.2	< 0.1	2.2	29.6	0.3
46	Spear-leaved goosefoot	1.4	0.2	13.4	< 0.1	1.3	15.0	0.3
47	Pineappleweed	1.2	0.2	16.2	< 0.1	1.7	14.4	0.3
48	Dog mustard	1.0	0.2	20.0	< 0.1	2.5	17.8	0.3
49	Tumble pigweed	0.9	0.1	15.9	< 0.1	2.8	104.0	0.2
50	Wild tomato	0.9	0.1	12.4	< 0.1	2.2	55.4	0.2
51	Ball mustard	0.9	0.1	16.8	< 0.1	2.2	28.0	0.2
52	Broad-leaved plantain	1.0	0.1	11.6	< 0.1	0.9	6.4	0.2

(Table continued on next page)

Field Survey Summary Tables – 1976-79 Annual Crops

Table 197. 1976-79 Annual crops in Saskatchewan (4385 fields) (*continued*)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
53	Scentless chamomile	0.8	0.1	17.5	<0.1	1.9	22.4	0.2
54	Skeletonweed	0.7	0.1	18.4	<0.1	3.7	25.2	0.2
55	Wormseed mustard	0.6	0.1	20.5	<0.1	3.3	65.4	0.2
56	Sunflower species	0.5	0.1	14.5	<0.1	8.7	146.4	0.2
57	Purslane	0.7	0.1	9.1	<0.1	1.5	31.6	0.1
58	Northern bedstraw	0.5	0.1	27.5	<0.1	3.4	8.2	0.1
59	Tumble mustard	0.6	0.1	14.1	<0.1	1.8	18.0	0.1
60	Annual brome species	0.3	0.1	21.3	<0.1	12.7	49.6	0.1
61	Canada fleabane	0.5	0.1	15.2	<0.1	3.5	60.8	0.1
62	Oats	0.4	0.1	21.0	<0.1	5.0	79.6	0.1
63	Povertyweed	0.4	0.1	17.9	<0.1	3.3	14.0	0.1
64	Hare's-ear mustard	0.4	0.1	20.6	<0.1	2.3	9.0	0.1
65	Field bindweed	0.4	0.1	17.8	<0.1	2.0	12.6	0.1
66	Western snowberry	0.3	0.1	22.1	<0.1	2.9	10.0	0.1
67	Stork's-bill	0.5	0.1	12.4	<0.1	0.9	4.2	0.1
68	White cockle	0.3	0.1	22.5	<0.1	4.1	27.2	0.1
69	Field mint	0.3	<0.1	9.4	<0.1	1.8	6.6	0.1
70	Absinth	0.2	<0.1	16.5	<0.1	2.4	13.4	0.1
71	Pasture sage	0.3	<0.1	11.8	<0.1	0.7	3.2	0.1
72	Scouler's popcomflower	0.1	<0.1	31.4	<0.1	11.0	32.4	0.1
73	Prickly lettuce	0.3	<0.1	8.0	<0.1	0.5	1.4	0.1
74	Tartary buckwheat	0.3	<0.1	11.4	<0.1	0.6	1.4	0.1
75	Bicknell's geranium	0.2	<0.1	8.7	<0.1	0.7	4.2	<0.1
76	Pussytoes species	0.1	<0.1	16.4	<0.1	10.2	39.2	<0.1
77	Poison suckleya	0.1	<0.1	49.5	<0.1	23.9	39.6	<0.1
78	Rye	0.2	<0.1	10.8	<0.1	1.3	4.0	<0.1
79	Common ragweed	0.2	<0.1	13.6	<0.1	1.4	4.8	<0.1
80	Goat's-beard	0.2	<0.1	8.7	<0.1	0.4	1.2	<0.1
81	Oak-leaved goosefoot	0.2	<0.1	11.7	<0.1	1.9	14.0	<0.1
82	Tall buttercup	0.2	<0.1	8.8	<0.1	0.5	1.4	<0.1
83	Poplar species	0.2	<0.1	9.5	<0.1	0.5	1.4	<0.1
84	Blue lettuce	0.2	<0.1	10.7	<0.1	1.7	6.8	<0.1
85	Witch grass	0.1	<0.1	16.6	<0.1	2.3	13.6	<0.1
86	Long-stalked starwort	<0.1	<0.1	24.7	<0.1	49.2	236.4	<0.1
87	Atriplex species	0.1	<0.1	16.8	<0.1	1.5	4.4	<0.1
88	Milk-vetch species	0.2	<0.1	8.7	<0.1	0.6	1.6	<0.1
89	Nodding thistle	0.2	<0.1	8.4	<0.1	0.4	1.0	<0.1
90	Goldenrod species	0.1	<0.1	9.1	<0.1	0.8	2.0	<0.1
91	Russian wild rye	0.1	<0.1	22.6	<0.1	1.8	3.0	<0.1
92	False ragweed	0.1	<0.1	43.1	<0.1	5.8	14.2	<0.1
93	Hoary cress species	0.1	<0.1	31.5	<0.1	2.4	6.4	<0.1
94	Smooth brome	0.1	<0.1	13.0	<0.1	1.3	3.8	<0.1
95	Wild parsnip	0.1	<0.1	38.6	<0.1	5.5	11.2	<0.1
96	Redtop	0.1	<0.1	6.9	<0.1	0.8	2.0	<0.1
97	American dragonhead	0.1	<0.1	14.0	<0.1	1.3	4.0	<0.1
98	Yellow toadflax	0.1	<0.1	5.0	<0.1	0.4	0.8	<0.1
99	Northern willowherb	0.1	<0.1	5.0	<0.1	1.9	7.0	<0.1
100	Purslane speedwell	0.1	<0.1	8.6	<0.1	0.8	2.0	<0.1
101	Blue grass species	0.1	<0.1	8.8	<0.1	1.5	4.0	<0.1
102	White mustard	0.1	<0.1	12.0	<0.1	1.2	2.0	<0.1
103	Rough cinquefoil	0.1	<0.1	5.8	<0.1	0.3	0.4	<0.1
104	Timothy	<0.1	<0.1	33.4	<0.1	3.0	6.2	<0.1

(Table continued on next page)

Table 197. 1976-79 Annual crops in Saskatchewan (4385 fields) (continued)

Rank	Species	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
105	Hedge mustard	<0.1	<0.1	75.0	<0.1	7.4	7.4	<0.1
106	Golden-bean	<0.1	<0.1	31.7	<0.1	6.0	9.6	<0.1
107	Marsh yellow cress	0.1	<0.1	17.6	<0.1	2.2	3.2	<0.1
108	Common yarrow	0.1	<0.1	6.1	<0.1	0.3	0.4	<0.1
109	Black medick	0.1	<0.1	23.8	<0.1	2.2	3.4	<0.1
110	Wild licorice	0.1	<0.1	8.6	<0.1	0.6	0.8	<0.1
111	Scarlet mallow	0.1	<0.1	9.8	<0.1	0.8	1.6	<0.1
112	Pearly everlasting	0.1	<0.1	15.0	<0.1	4.4	8.6	<0.1
113	Pygmyflower	0.1	<0.1	12.2	<0.1	1.8	3.4	<0.1
114	Canada anemone	0.1	<0.1	6.7	<0.1	0.3	0.6	<0.1
115	Water smartweed	0.1	<0.1	7.0	<0.1	1.5	2.2	<0.1
116	Fringed looses trife	0.1	<0.1	5.0	<0.1	0.3	0.6	<0.1
117	Gumweed	0.1	<0.1	7.0	<0.1	0.3	0.4	<0.1
118	Henbit	0.1	<0.1	6.1	<0.1	0.3	0.6	<0.1
119	Field chickweed	<0.1	<0.1	13.7	<0.1	1.0	1.8	<0.1
120	Common burdock	<0.1	<0.1	16.7	<0.1	1.3	2.2	<0.1
121	Maple-leaved goosefoot	<0.1	<0.1	13.6	<0.1	0.5	1.0	<0.1
122	Wood whitlow-grass	<0.1	<0.1	11.0	<0.1	1.8	2.8	<0.1
123	Leafy spurge	<0.1	<0.1	25.0	<0.1	1.4	1.4	<0.1
124	Western wheat grass	<0.1	<0.1	15.0	<0.1	4.2	4.2	<0.1
125	Cocklebur	<0.1	<0.1	8.3	<0.1	0.6	1.2	<0.1
126	Aster species	<0.1	<0.1	20.0	<0.1	1.6	1.6	<0.1
127	Five-hooked bassia	<0.1	<0.1	5.0	<0.1	2.6	2.6	<0.1
128	Crested wheat grass	<0.1	<0.1	5.0	<0.1	0.2	0.2	<0.1
129	Meadow rue species	<0.1	<0.1	5.0	<0.1	1.8	1.8	<0.1
130	Vetchling species	<0.1	<0.1	10.0	<0.1	0.4	0.4	<0.1
131	Toad nush	<0.1	<0.1	5.0	<0.1	0.8	0.8	<0.1
132	Conoid catchfly	<0.1	<0.1	5.0	<0.1	0.2	0.2	<0.1
133	Slough grass	<0.1	<0.1	5.0	<0.1	1.4	1.4	<0.1
134	Small alyssum	<0.1	<0.1	5.0	<0.1	0.2	0.2	<0.1
135	Plains coreopsis	<0.1	<0.1	10.0	<0.1	0.4	0.4	<0.1
136	Golden corydalis	<0.1	<0.1	15.0	<0.1	0.6	0.6	<0.1
137	Spiny ironplant	<0.1	<0.1	5.0	<0.1	0.2	0.2	<0.1
138	Red ash	<0.1	<0.1	5.0	<0.1	0.2	0.2	<0.1
139	Western sea-blight	<0.1	<0.1	5.0	<0.1	0.2	0.2	<0.1
140	Diffuse knapweed	<0.1	<0.1	5.0	<0.1	0.2	0.2	<0.1
141	Manitoba maple	<0.1	<0.1	5.0	<0.1	0.2	0.2	<0.1
142	Nightshade species	<0.1	<0.1	15.0	<0.1	1.2	1.2	<0.1
143	Willow species	<0.1	<0.1	5.0	<0.1	0.2	0.2	<0.1
144	Needle-and-thread grass	<0.1	<0.1	10.0	<0.1	0.4	0.4	<0.1
145	Poverty oat grass	<0.1	<0.1	20.0	<0.1	3.0	3.0	<0.1
146	Lance-leaved scurf-pea	<0.1	<0.1	5.0	<0.1	0.9	1.0	<0.1
147	Prairie junegrass	<0.1	<0.1	10.0	<0.1	0.4	0.4	<0.1
148	Spreading dogbane	<0.1	<0.1	10.0	<0.1	0.4	0.4	<0.1
149	Narrow-leaved collomia	<0.1	<0.1	5.0	<0.1	0.2	0.2	<0.1
150	Fescue species	<0.1	<0.1	5.0	<0.1	0.8	0.8	<0.1
151	Field pea	<0.1	<0.1	10.0	<0.1	0.4	0.4	<0.1
152	Small-flowered prairie-rocket	<0.1	<0.1	15.0	<0.1	1.0	1.0	<0.1
153	Sand-rocket	<0.1	<0.1	5.0	<0.1	0.6	0.6	<0.1
154	Clasping-leaved pennycress	<0.1	<0.1	5.0	<0.1	0.2	0.2	<0.1
155	Field violet	<0.1	<0.1	5.0	<0.1	0.2	0.2	<0.1
156	Indian mustard	<0.1	<0.1	5.0	<0.1	0.2	0.2	<0.1



Residual Weed Population Shifts in Saskatchewan – 1976 to 2015

Abstract for Poster Presented at Canadian Weed Science Society Annual Meeting, November 23 -26, 2015

The comparison of the relative abundance of weeds in Saskatchewan in 2014 and 2015 with results from previous provincial surveys enables the identification of recent shifts in species ranks, life form density and relative abundance. In 2014 and 2015, a total of 2242 fields of spring wheat, barley, durum, oat, canola, flax, mustard, lentil and pea were surveyed. The Parkland area was primarily surveyed in 2014, and the Grasslands in 2015. These fields were selected using a stratified random sampling procedure based on ecodistricts. In each field, weeds were counted in 20 quadrats (50 by 50 cm) in late summer. Weed data are summarized using a relative abundance index based on frequency, field uniformity and density. Green foxtail (*Setaria viridis* (L.) P. Beauv.) was the most abundant weed, wild oats (*Avena fatua* L.) ranked second, wild buckwheat (*Fallopia convolvulus* (L.) Á.Löve) third and canola (*Brassica napus* L.) fourth. The results from the 2014-2015 survey are compared to results from surveys of 2046 fields in 2003, 1178 fields in 1995, 1149 fields in 1986 and 4423 fields in 1976-1979. Eight species have been ranked amongst the top 20 most abundant species in each survey. Thirteen species are declining. Seven of these species had previously been identified as declining: rose (*Rosa* spp.), bluebur (*Lappula squarrosa* (Retz.) Dumort.), cow cockle (*Vaccaria hispanica* (Mill.) Rauschert), prostrate pigweed (*Amaranthus blitoides* S. Watson), flixweed (*Descurainia sophia* (L.) Webb ex Prantl), night-flowering catchfly (*Silene noctiflora* L.) and pale smartweed (*Persicaria lapathifolia* (L.) Delarbre). Six species are newly identified as declining: Persian darnel (*Lolium persicum* Boiss. & Hohen. ex Boiss.), Russian thistle (*Salsola tragus* L.), redroot pigweed (*Amaranthus retroflexus* L.), wild mustard (*Sinapis arvensis* L.), quack grass (*Elymus repens* (L.) Gould) and field horsetail (*Equisetum arvense* L.). Since the 1970's five species have steadily increased: spiny annual sow-thistle (*Sonchus asper* (L.) Hill), false cleavers (*Galium spurium* L.), barnyard grass species (*Echinochloa* spp.), round-leaved mallow (*Malva pusilla* Sm.), canola (*Brassica napus* L.) and wheat (*Triticum* spp.). Since the 1980's three species have consistently increased: foxtail barley (*Hordeum jubatum* L.), dandelion (*Taraxacum officinale* F. H. Wigg.) and narrow-leaved hawk's-beard (*Crepis tectorum* L.). Low cudweed (*Gnaphalium uliginosum* L.), broad-leaved plantain (*Plantago major* L.) and Northern willowherb (*Epilobium ciliatum* Raf.), appeared in the top 25 in the most recent survey, likely attributable to the wet weather in 2014. Relative abundance of annual grass has decreased since the 1970s, while relative abundance of perennials and facultative winter annuals has increased since 2003. The densities of all life forms were higher 2014/2015 than in 2003, likely due to the wet conditions in 2014.

Residual Weed Population Shifts in Saskatchewan – 1976 to 2015

Julia Y. Leeson

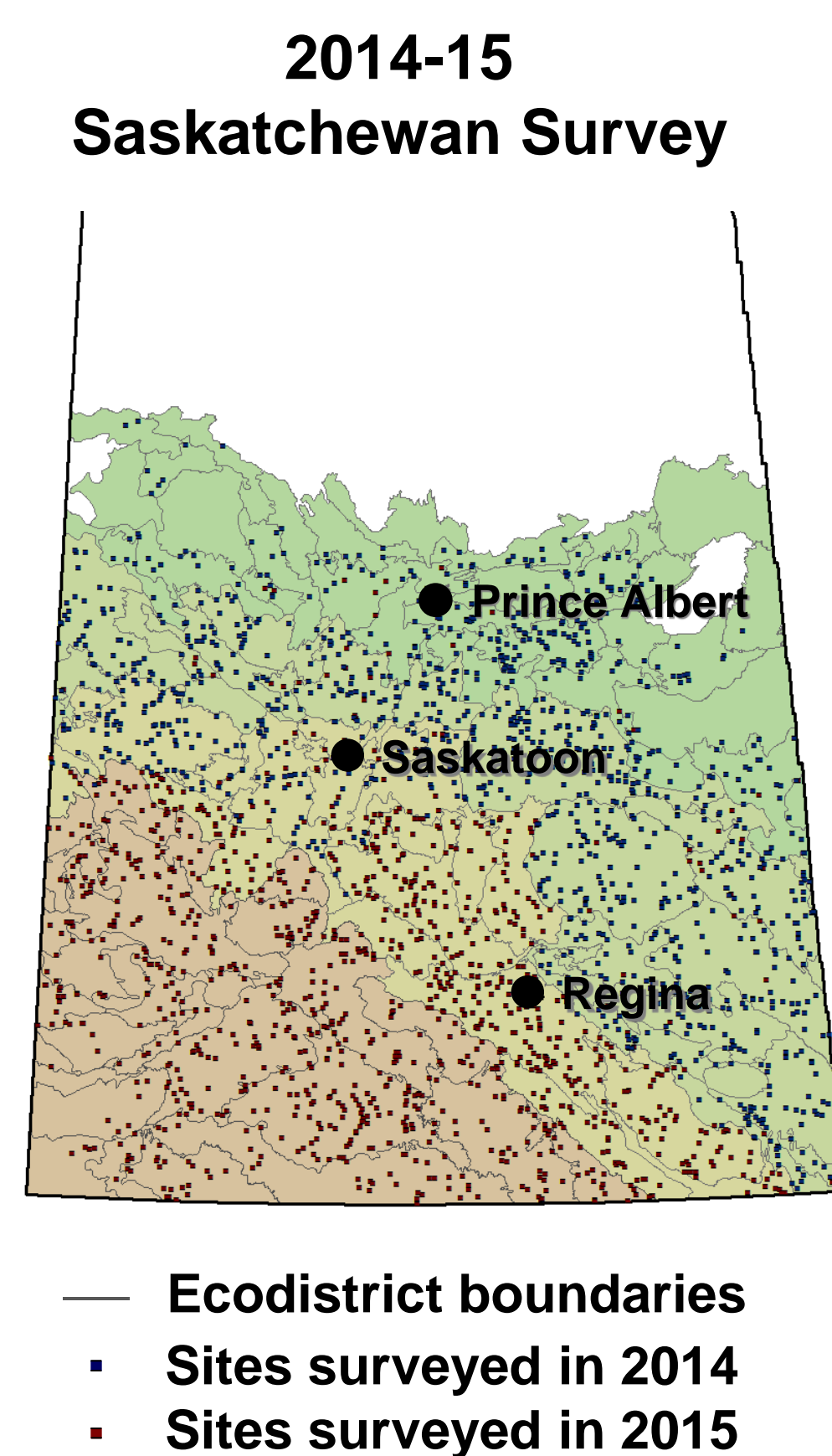
Agriculture and Agri-Food Canada, Research Centre, Saskatoon, SK

Objectives

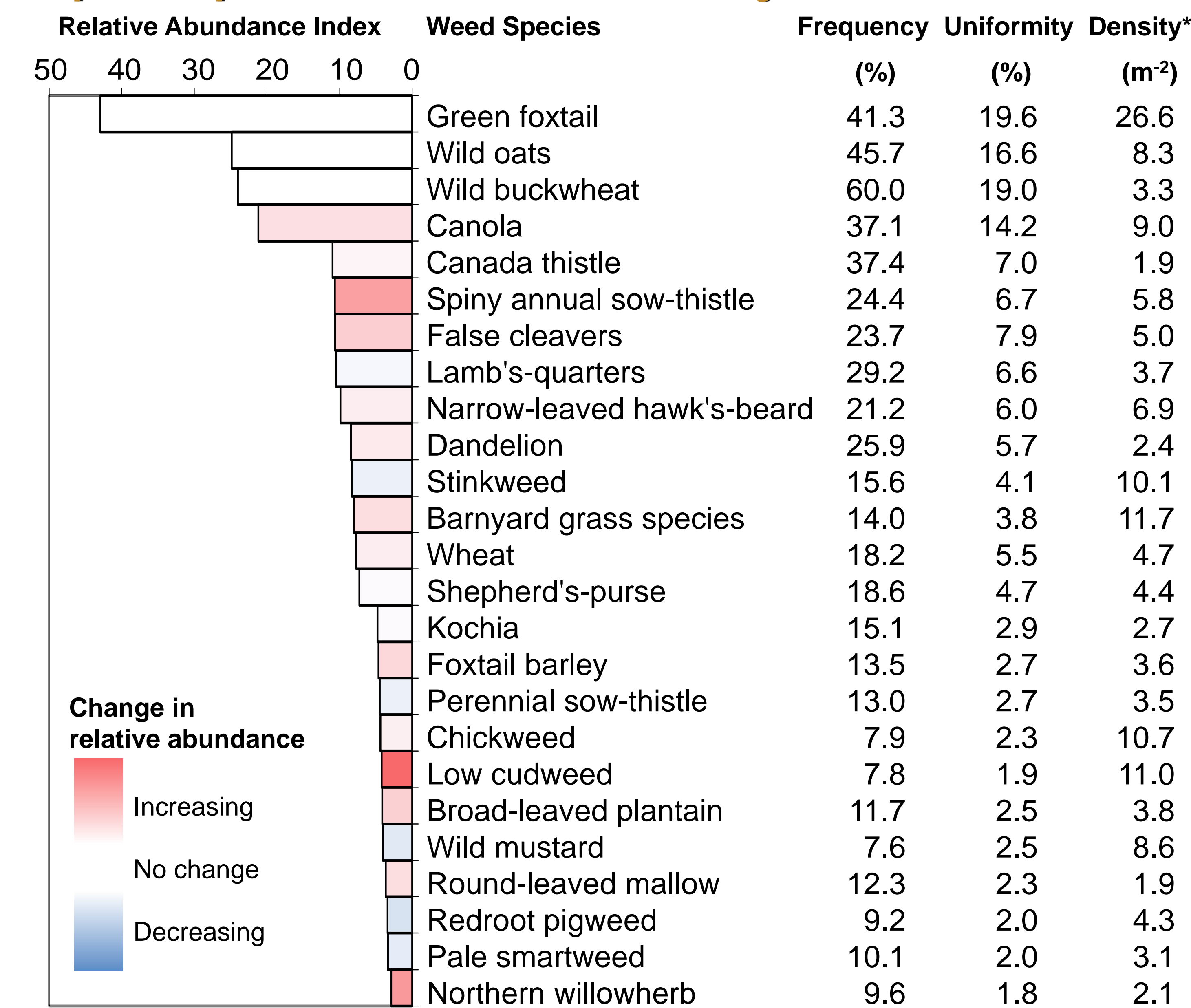
- Present the top twenty-five species in 2014-15 Saskatchewan provincial weed survey
- Compare the relative abundance of weeds in Saskatchewan in 2014-15 with results from the 2003, 1995, 1986 and 1976-1979 provincial surveys
- Identify shifts in life form density and relative abundance

Methods

- Used stratified random sampling procedure to select fields in ecodistricts shown on map
- Surveyed 2242 fields of spring wheat, barley, durum, oat, canola, flax, mustard, peas and lentil
- Counted weeds in 20 quadrats (50 by 50 cm) per field in late summer (residual populations)
- Data weighted in analysis based on distribution of surveyed crops in 2011 census
- Summarized weed data using a relative abundance index based on frequency, field uniformity and density
- Frequency = % of fields in which species occurred
- Uniformity = % of quadrats in which species occurred
- Density = Average density of species in all fields
- Compared top twenty-five species from surveys of
 - 2046 fields in 2003
 - 1178 fields in 1995
 - 1149 fields in 1986
 - 4423 fields in 1970s (1976-1979)



Top 25 Species in 2014-15 Survey



Species Shifts

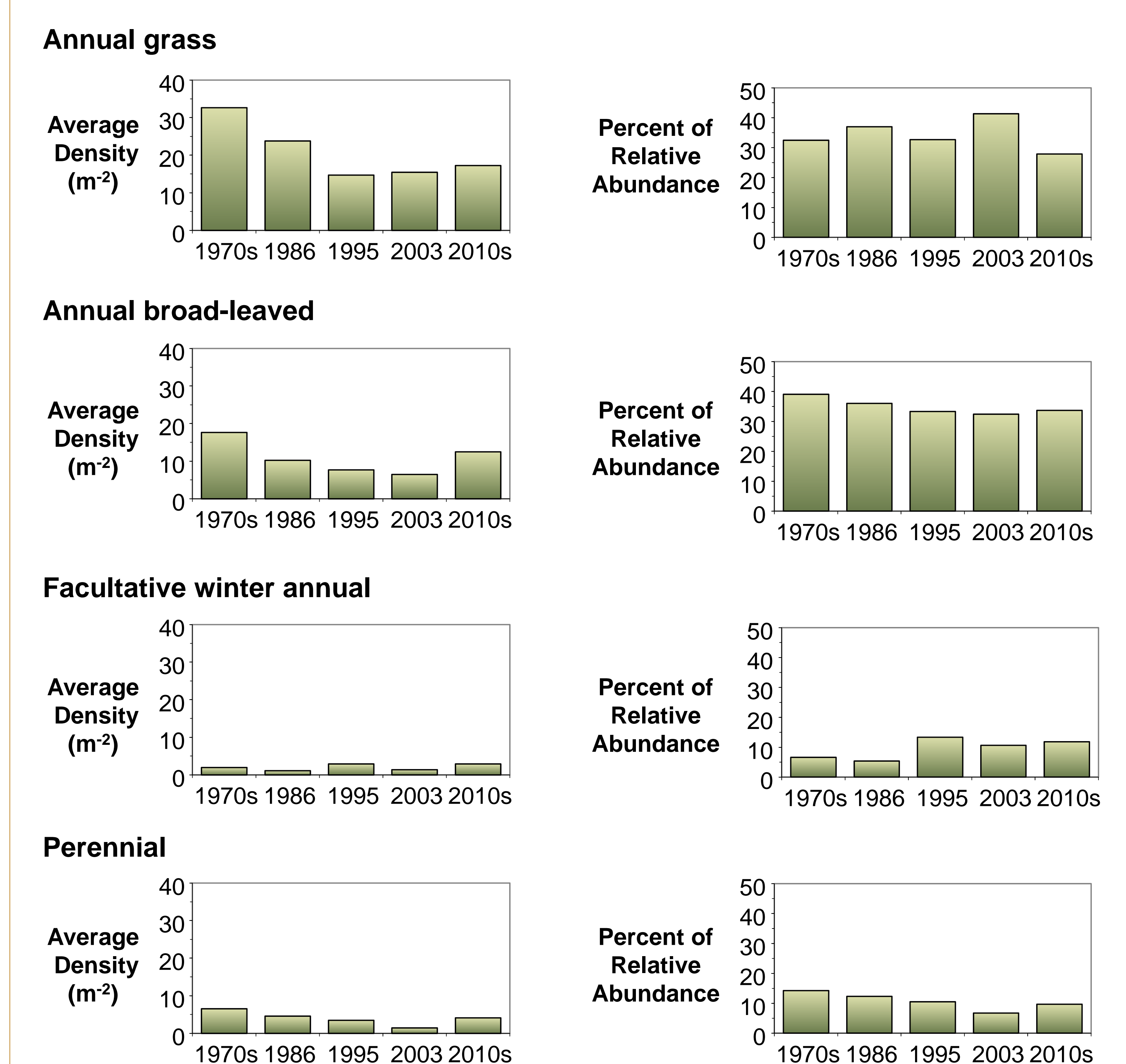
	Change in Relative Abundance Rank				
	1970s to 1986	1986 to 1995	1995 to 2003	2003 to 2010s	2010s to 2015
Low cudweed			35	67	102
Northern willowherb	4	9		61	74
Spiny annual sow-thistle		22	16	28	66
False cleavers	15	10	2	6	33
Broad-leaved plantain	-3	-5	-5	45	32
Foxtail barley	-25	27	14	10	26
Barnyard grass species	1	5	16	0	22
Round-leaved mallow	7	-1	7	9	22
Canola	2	12	-3	10	21
Dandelion	-13	22	3	1	13
Flax	22	-8	5	-7	12
Narrow-leaved hawk's-beard	-12	3	9	11	11
Wheat	-2	6	11	-4	11
Chickweed	7	-5	-3	11	10
Canada thistle	1	5	1	-1	6
Kochia	-11	15	5	-7	2
Shepherd's-purse	7	-3	-6	4	2
Green foxtail	0	0	0	0	0
Wild oats	0	0	0	0	0
Wild buckwheat	0	0	0	0	0
Lamb's-quarters	-1	0	1	-3	-3
Annual spurge species	10	2	-15	-2	-5
Hemp-nettle	3	-7	3	-5	-6
Stinkweed	0	0	-2	-5	-7
Perennial sow-thistle	-3	6	-10	0	-7
Pale smartweed	2	-10	-1	-1	-10
Field horsetail	4	-3	2	-13	-10
Wild mustard	-2	2	-6	-6	-12
Quack grass	6	11	-8	-21	-12
Redroot pigweed	0	-3	3	-16	-16
Night-flowering catchfly	-9	-12	3	2	-16
Russian thistle	1	-3	-2	-20	-24
Persian darnel	-12	15	-8	-27	-32
Flixweed	-7	-3	2	-29	-37
Prostrate pigweed	14	-18	-20	-13	-37
Cow cockle	0	-13	-4	-28	-45
Bluebur	-2	-13	-3	-44	-62
Rose species	-4	-9	-18	-43	-74

*Species in italics have maintained a position in the top 20 since 1970s. Numbers in italics are changes from first identified to 2014/15

Species Shifts Summary

- Cudweed, willowherb and broad-leaved plantain are in the top 25 for the first time, due in part to the wet weather in 2014
- Since the 1970s five species have steadily increased: spiny annual sow-thistle, false cleavers, round-leaved mallow, barnyard grass species and canola
- Since the 1980s three species have consistently increased: foxtail barley, dandelion and narrow-leaved hawk's-beard
- Eight species have been in the top 20 since the 1970s
- The top three species were ranked the same in all surveys
- Of the thirteen species with the largest decline, six species are newly identified as declining: Persian darnel, Russian thistle, redroot pigweed, quack grass, wild mustard and field horsetail

Life Form Shifts



Life Form Shift Summary

- Relative abundance of annual grass has decreased since the 1970s, while relative abundance of perennials and facultative winter annuals have increased since 2003.
- The densities of all life forms were higher 2014/2015 than in 2003, likely due to the wet conditions in 2014.

Discussion

- Extreme weather, high precipitation in 2014 and dry conditions in 2015, likely influenced results
- Next step is interpreting shifts in terms of management practices based on information obtained from questionnaires completed by survey participants

Sources

- Thomas, A. G. and R. F. Wise. 1983. Weed surveys of Saskatchewan cereal and oilseed crops from 1976 to 1979. Agriculture Canada Weed Survey Series Publication 83-6.
- Thomas, A. G. and R. F. Wise. 1987. Weed survey of Saskatchewan cereal and oilseed crops (1986). Agriculture Canada Weed Survey Series Publication 87-1.
- Thomas, A. G., R. F. Wise, B. L. Frick and L. T. Juras. 1996. Saskatchewan weed survey of cereal, oilseed and pulse crops. Agriculture and Agri-Food Canada Weed Survey Series Publication 96-1.
- Leeson, J. Y., A. G. Thomas and C. Brenzil. 2003. Weed survey of Saskatchewan cereal, oilseed and pulse crops in 2003. Agriculture and Agri-Food Canada Weed Survey Series Publication 03-1.

Acknowledgements

The survey was funded by: Saskatchewan Ministry of Agriculture and the Canada-Saskatchewan Growing Forward 2 bi-lateral agreement, Saskatchewan Pulse Growers and Western Grains Research Foundation. We would also like to thank the producers who granted us access to their land to conduct this survey. The survey would not be possible without the assistance of the many individuals who contacted producers, surveyed fields and entered data.



List of Distribution Maps

Annual spurge species 318

Barnyard grass 319

Barnyard grass species..... 320

Biennial wormwood 321

Black medick 322

Broad-leaved plantain..... 323

Canada fleabane..... 324

Canada thistle 325

Canola..... 326

Chickweed 327

Dandelion 328

False cleavers..... 329

Field horsetail 330

Foxtail barley..... 331

Green foxtail..... 332

Hemp-nettle 333

Kochia 334

Lamb's-quarters 335

Low cudweed..... 336

Narrow-leaved hawk's-beard 337

Night-flowering catchfly 338

Northern willowherb..... 339

Pale smartweed..... 340

Perennial sow-thistle..... 341

Prostrate knotweed 342

Redroot pigweed..... 343

Ridge-seeded spurge..... 344

Round-leaved mallow 345

Russian thistle..... 346

Shepherd's-purse..... 347

Spiny annual sow-thistle..... 348

Stinkweed 349

Thyme-leaved spurge 350

Tumble pigweed 351

Western barnyard grass 352

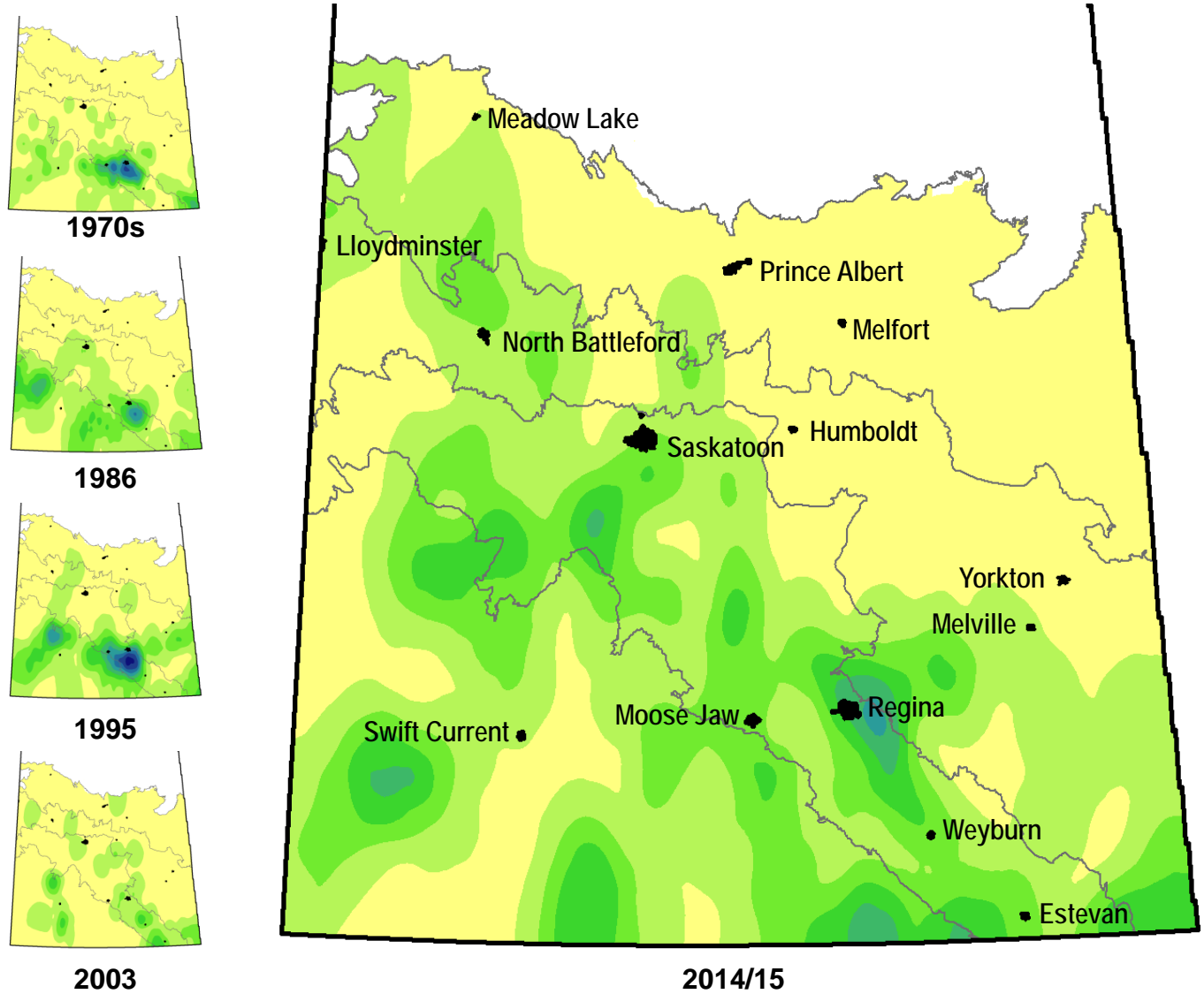
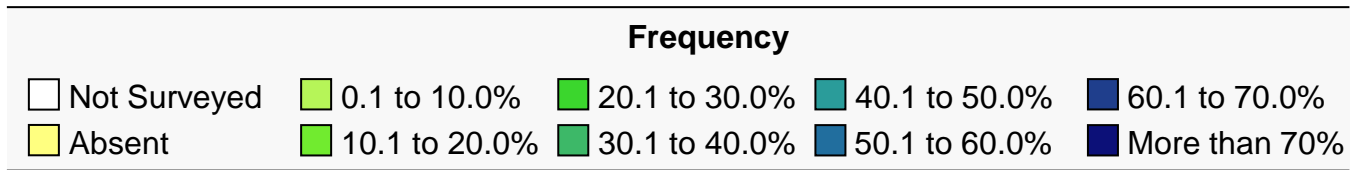
Wheat..... 353

Wild buckwheat..... 354

Wild mustard 355

Wild oats..... 356

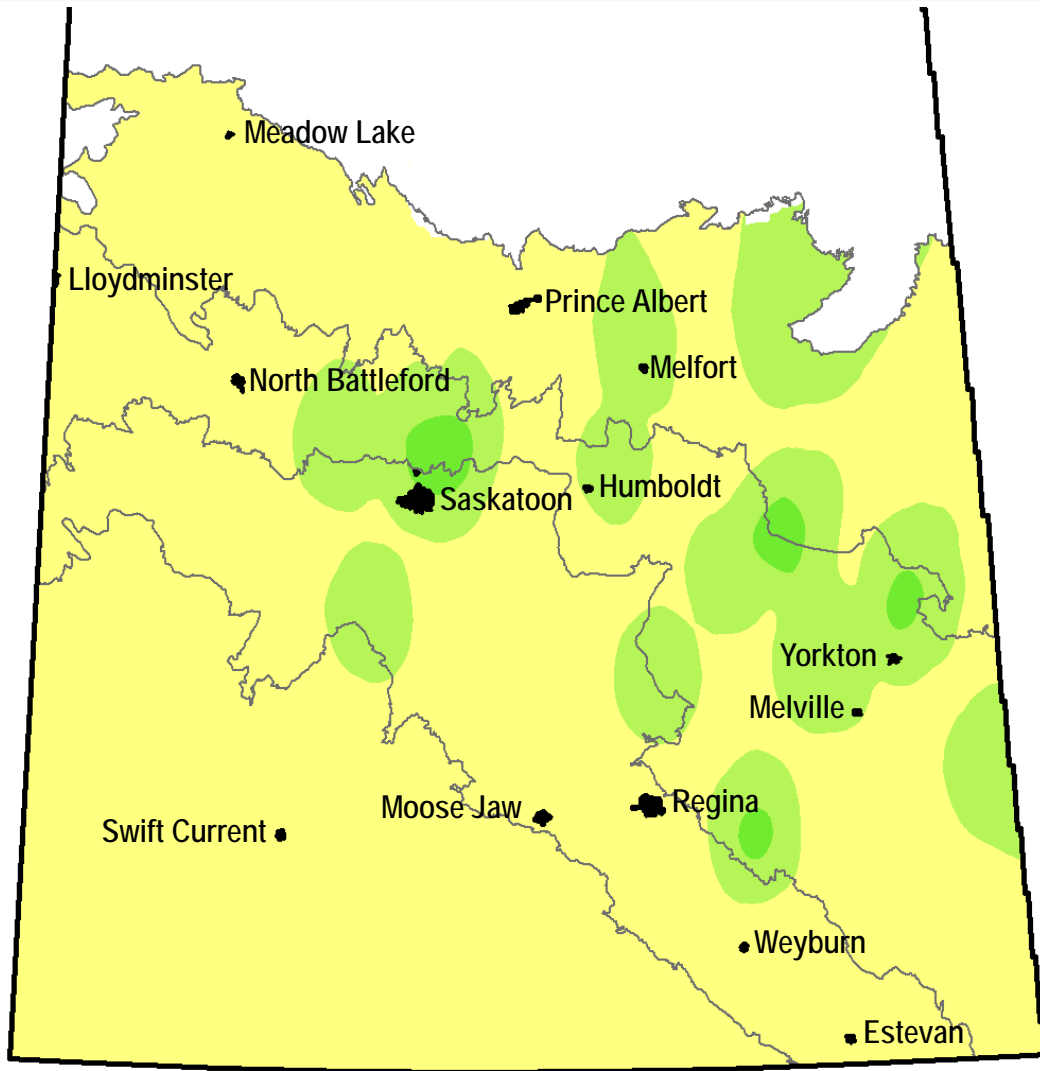
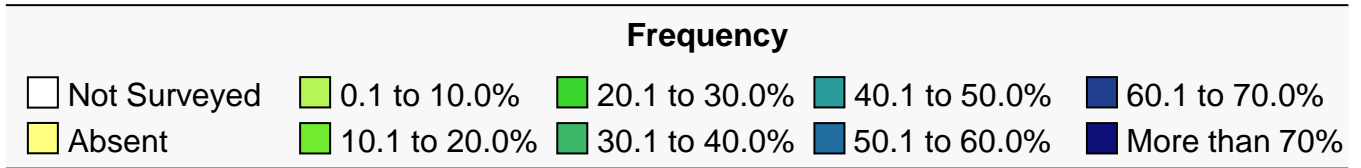
Annual spurge species, *Euphorbia spp.**



Survey	Rank	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1976-79	29	3.9	1.1	27.8	0.2	4.4	55.8	1.3
1986	19	5.6	1.7	30.4	0.2	4.5	30.6	2.9
1995	17	7.9	2.3	29.3	0.4	4.5	41.6	3.9
2003	32	2.0	0.3	16.8	0.1	2.6	38.4	1.0
2014-15	34	6.3	1.1	16.9	0.1	1.6	28.6	1.8

* Includes ridge-seeded and thyme-leaved spurge (*Euphorbia glyptosperma* and *E. serpyllifolia*)

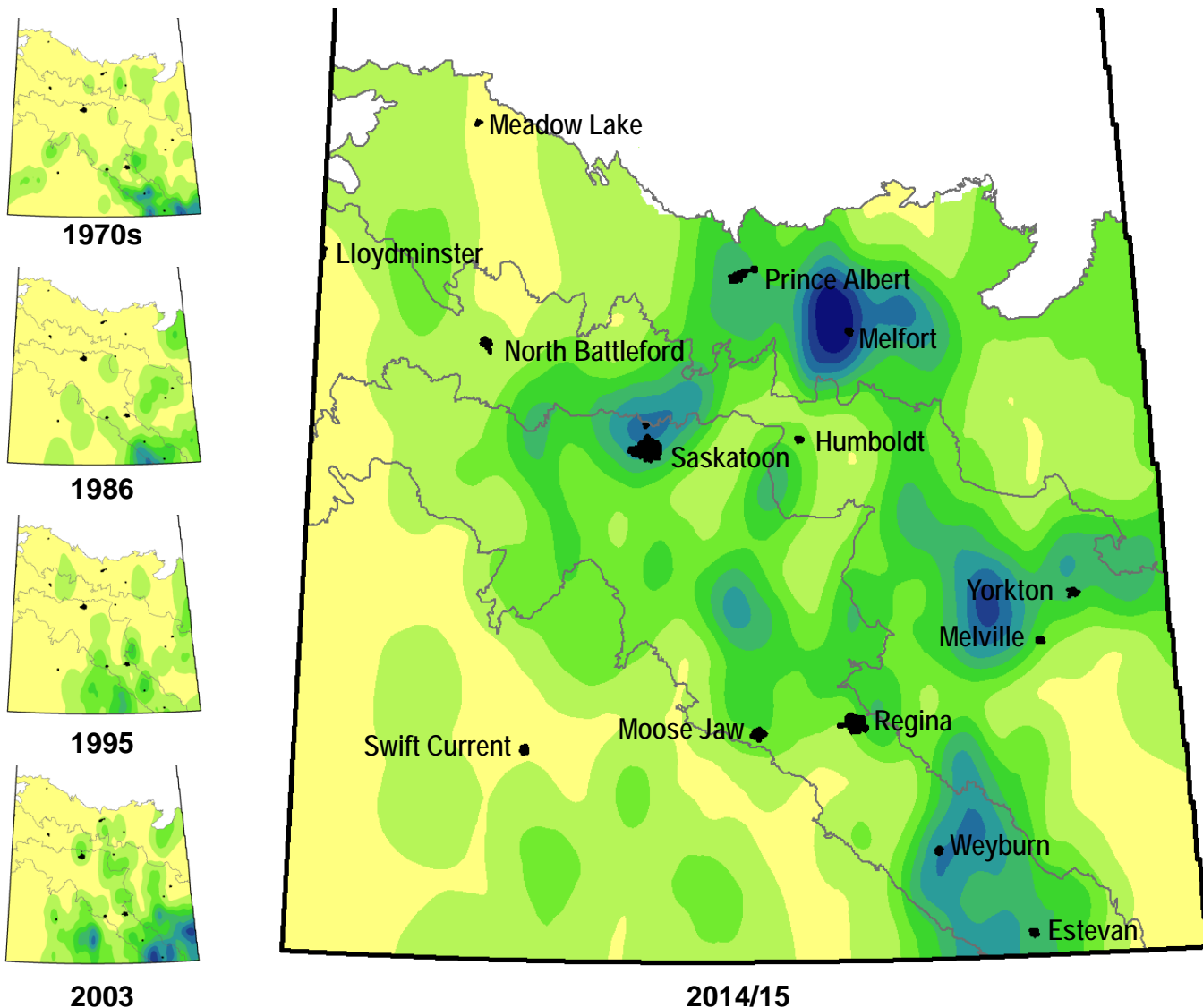
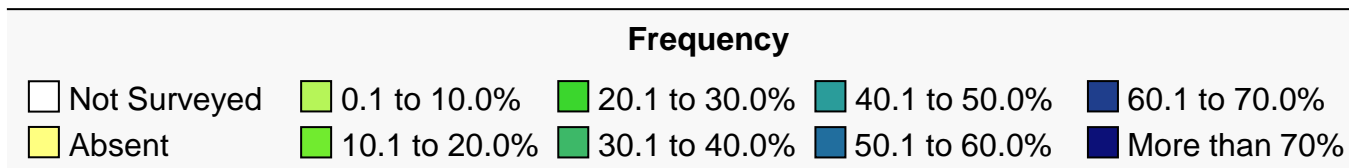
Barnyard grass, *Echinochloa crus-galli**



2014/15

* See barnyard grass species for previous survey maps

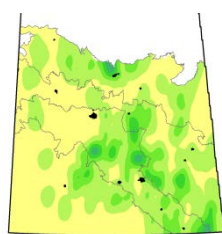
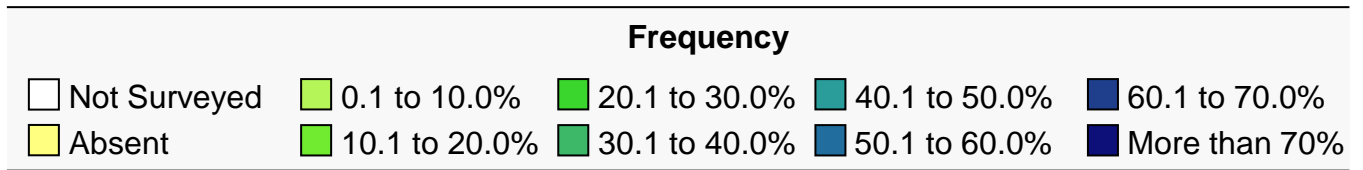
Barnyard grass species, *Echinochloa spp.**



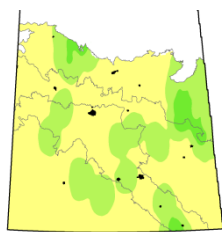
Survey	Rank	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1976-79	34	3.2	0.6	19.6	0.2	5.6	75.4	1.0
1986	33	3.4	0.4	12.9	0.1	4.0	79.2	1.3
1995	28	3.4	0.6	17.4	0.3	7.4	224.8	1.7
2003	12	7.3	1.4	19.2	0.4	5.6	227.8	4.7
2014-15	12	14.0	3.8	27.3	1.6	11.7	390.6	8.1

* Includes barnyard grass and western barnyard grass (*Echinochloa crus-galli* and *E. microstachya* var. *microstachya*)

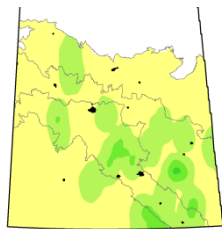
Biennial wormwood, *Artemisia biennis*



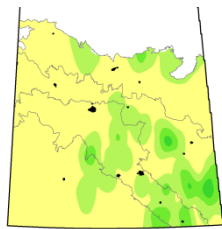
1970s



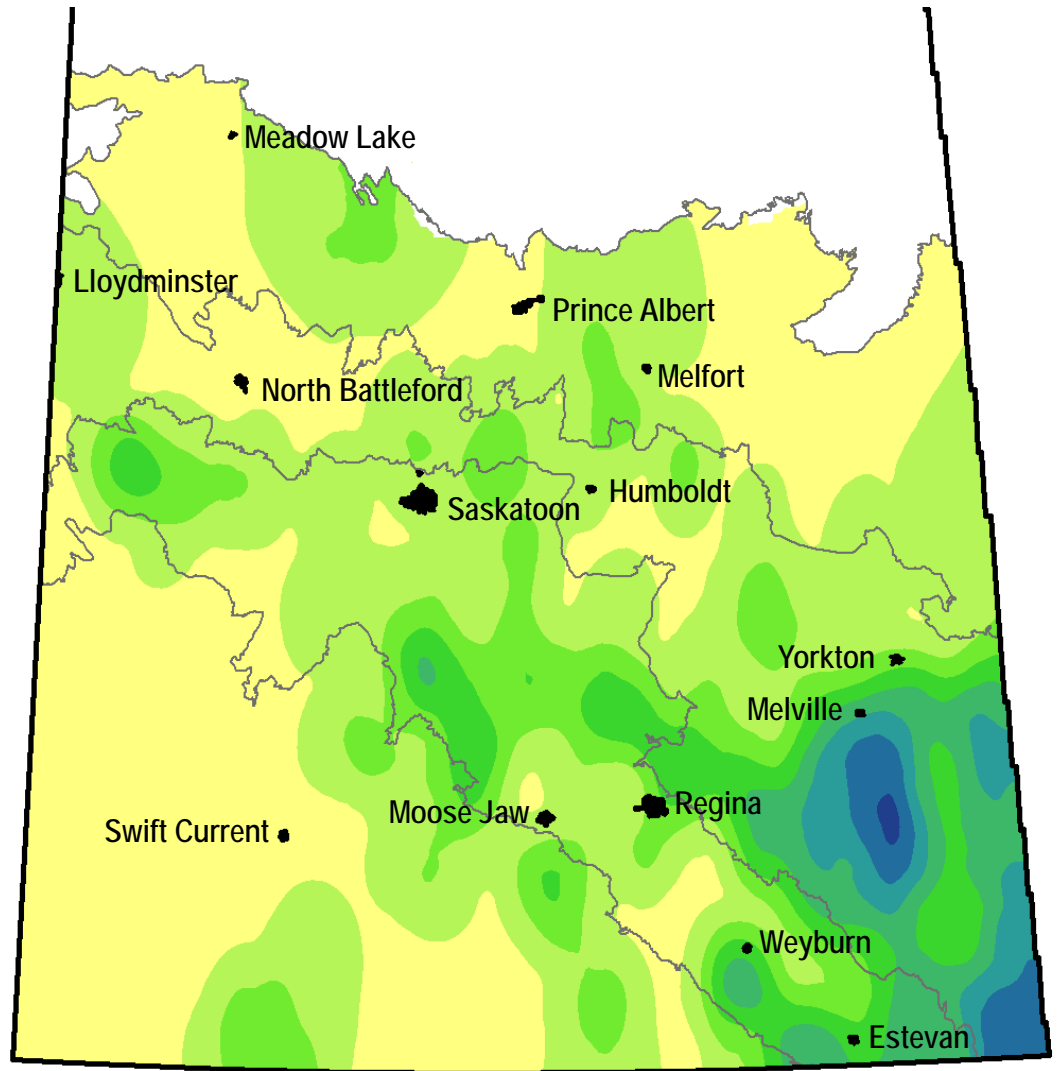
1986



1995



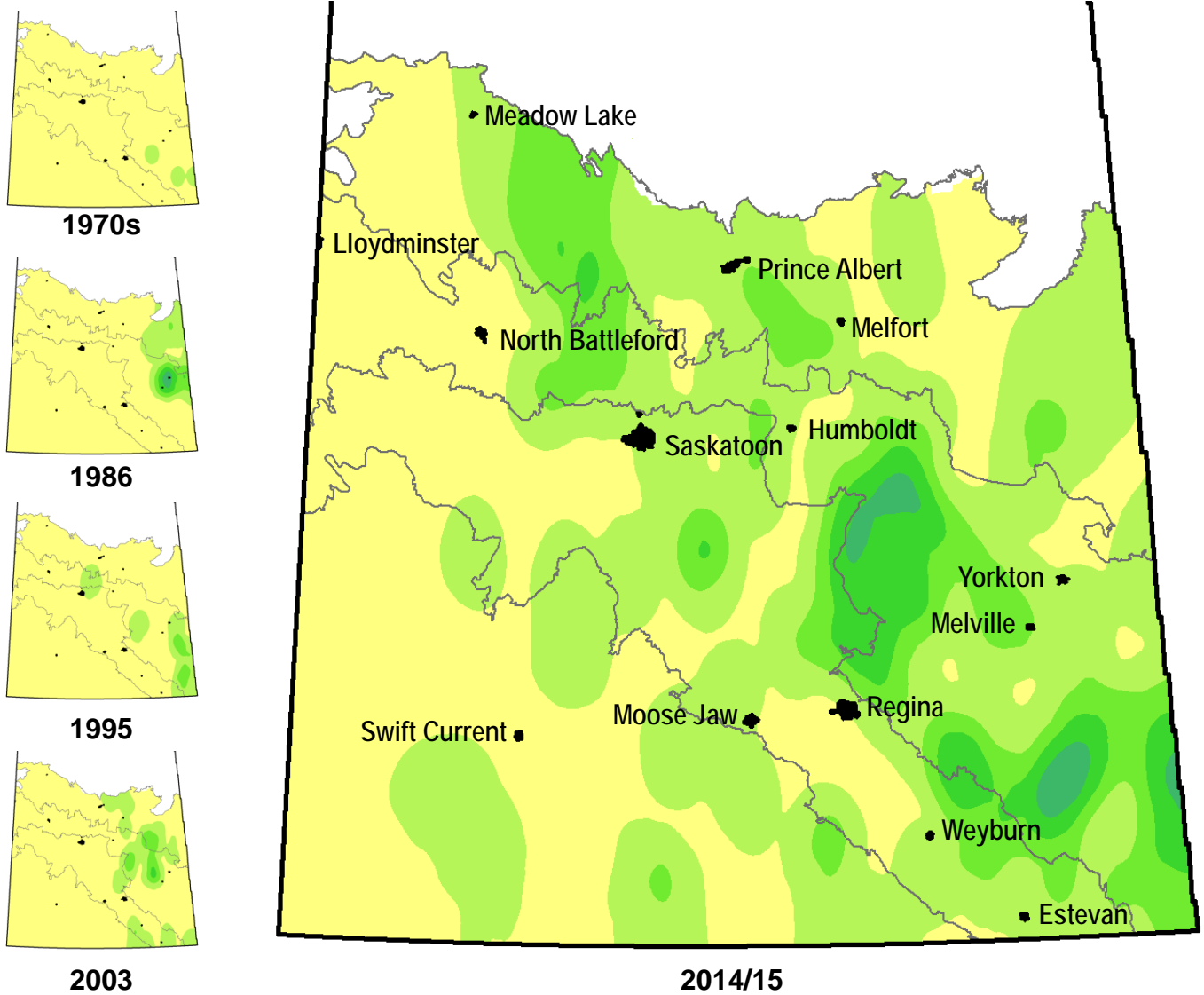
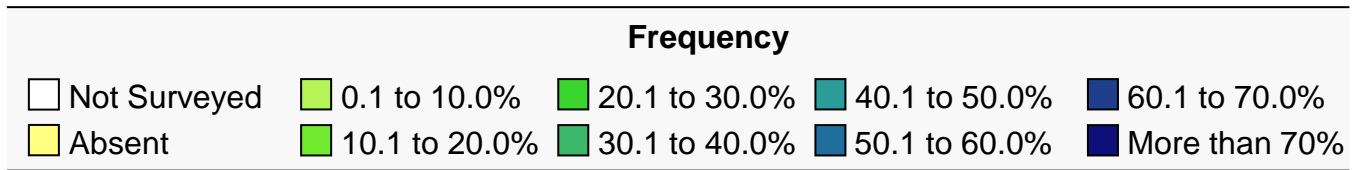
2003



2014/15

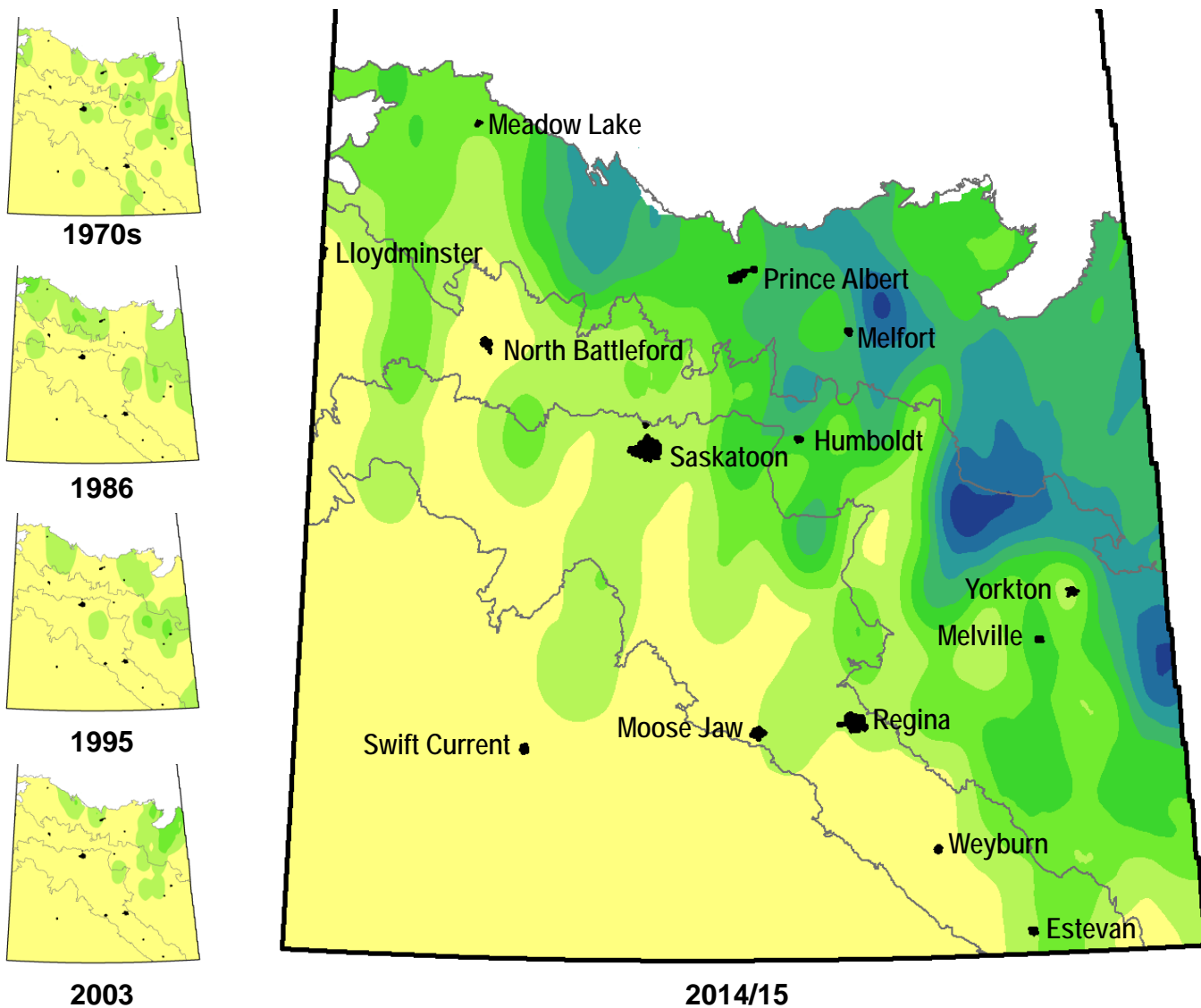
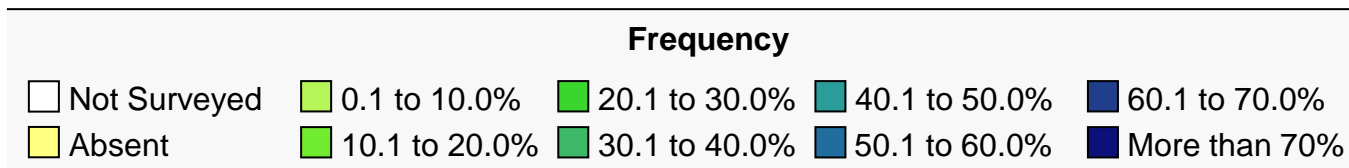
Survey	Rank	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1976-79	30	5.1	0.7	14.2	0.1	1.4	13.6	1.2
1986	39	1.9	0.2	12.5	< 0.1	2.1	15.4	0.6
1995	46	2.1	0.2	10.3	< 0.1	0.9	5.6	0.5
2003	35	2.0	0.2	9.2	< 0.1	0.7	5.6	0.7
2014-15	28	8.6	1.4	16.0	0.1	1.7	47.8	2.4

Black medick, *Medicago lupulina*



Survey	Rank	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1976-79	109	0.1	< 0.1	23.8	< 0.1	2.2	3.4	< 0.1
1986	29	1.1	0.5	47.1	0.5	43.1	216.4	1.7
1995	73	0.4	< 0.1	6.2	< 0.1	0.3	0.8	0.1
2003	45	1.0	0.2	15.3	< 0.1	2.3	7.8	0.5
2014-15	33	5.0	1.2	24.4	0.2	3.9	88.4	1.9

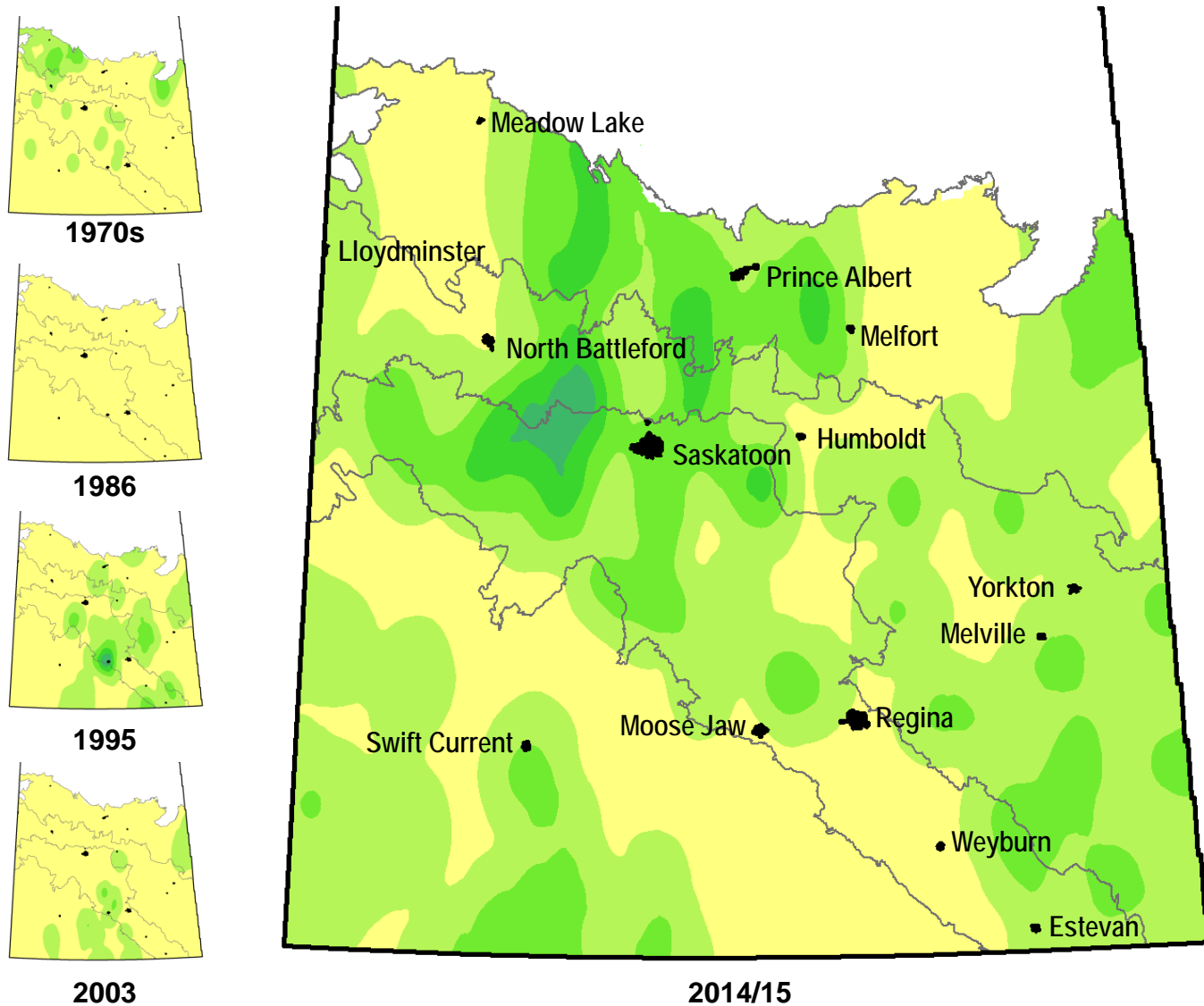
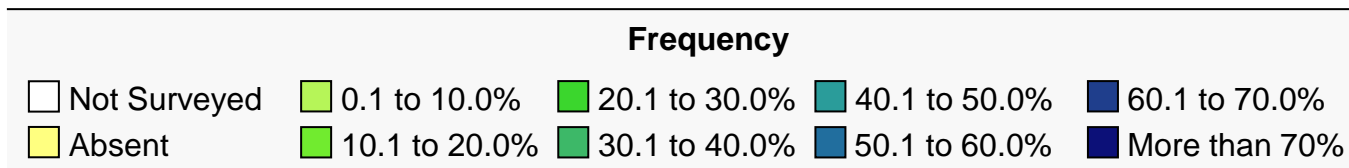
Broad-leaved plantain, *Plantago major**



Survey	Rank	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1976-79	52	1.0	0.1	11.6	< 0.1	0.9	6.4	0.2
1986	55	0.9	0.1	7.7	< 0.1	0.4	0.8	0.2
1995	60	0.8	0.1	13.4	< 0.1	1.0	4.4	0.2
2003	65	0.5	< 0.1	5.3	< 0.1	0.4	1.8	0.2
2014-15	20	11.7	2.5	21.0	0.4	3.8	88.0	4.1

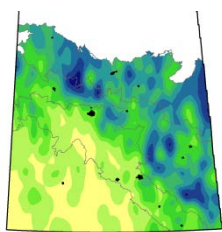
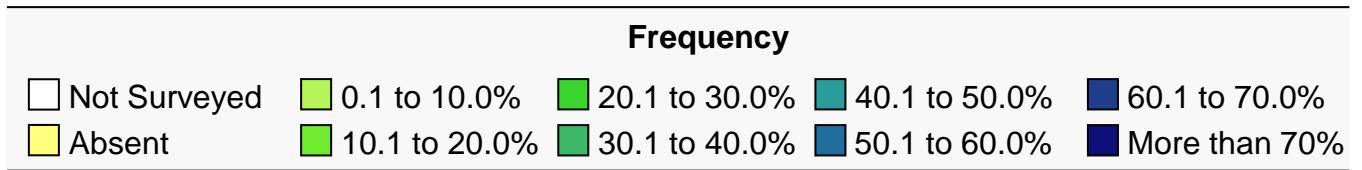
* May include other plantain species

Canada fleabane, *Erigeron canadensis*

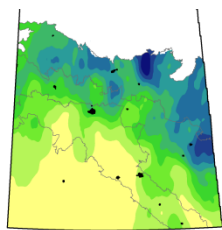


Survey	Rank	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1976-79	61	0.5	0.1	15.2	< 0.1	3.5	60.8	0.1
1986	-	-	-	-	-	-	-	-
1995	41	2.5	0.3	10.5	< 0.1	0.7	4.2	0.6
2003	53	0.7	0.1	14.9	< 0.1	0.8	2.8	0.3
2014-15	36	5.7	0.9	15.8	0.1	1.5	18.6	1.5

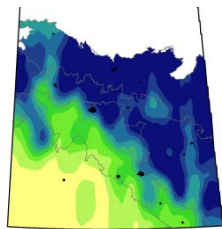
Canada thistle, *Cirsium arvense*



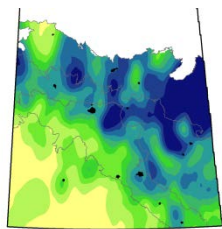
1970s



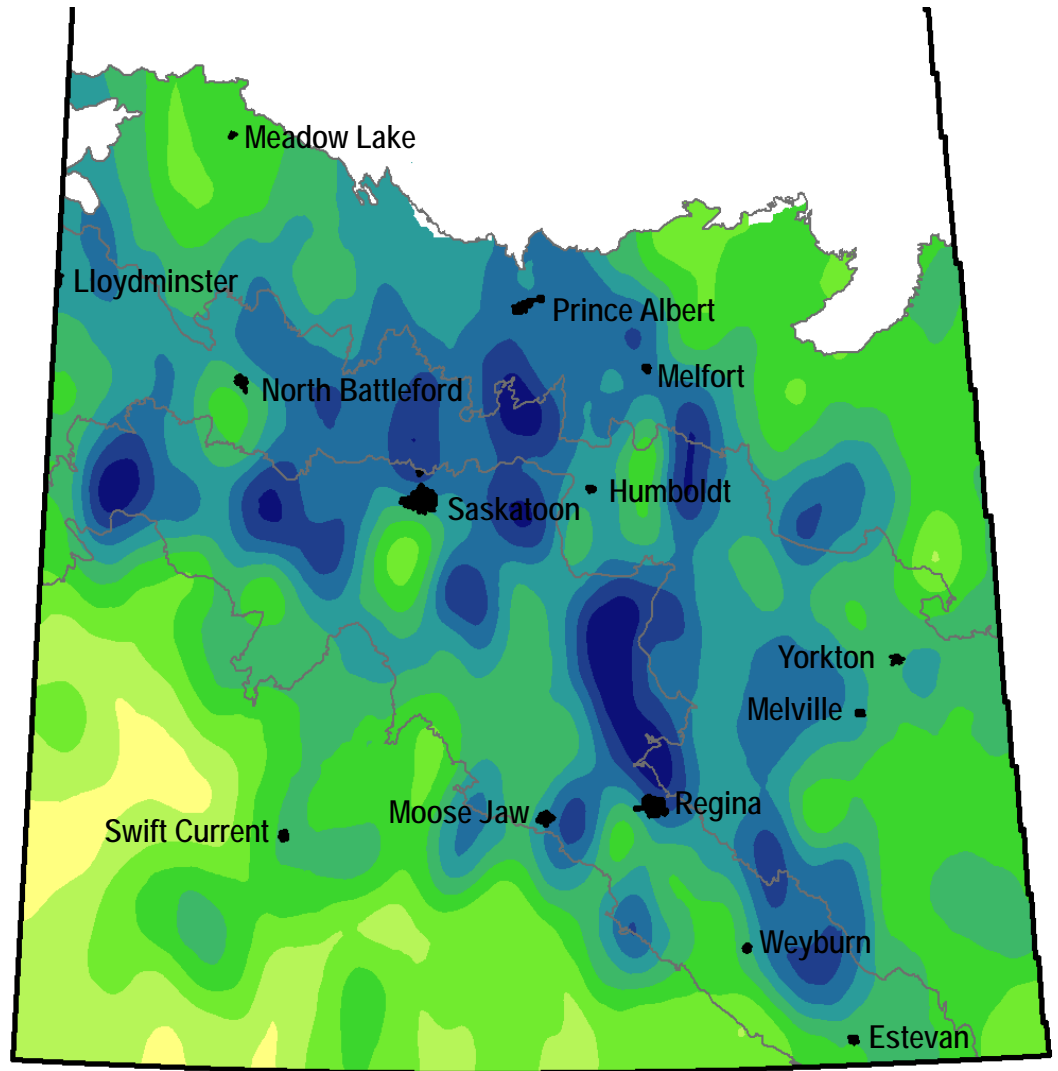
1986



1995



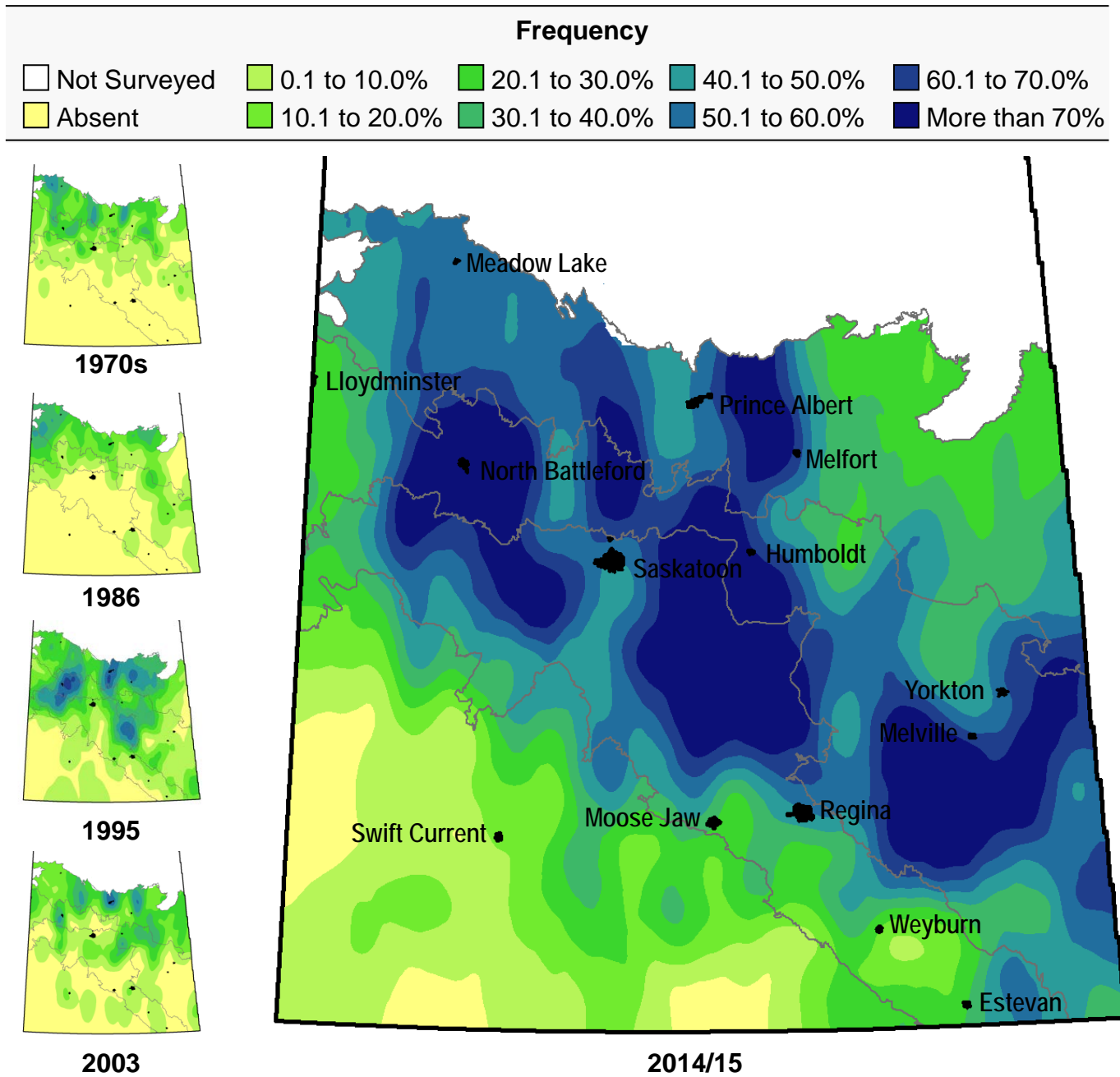
2003



2014/15

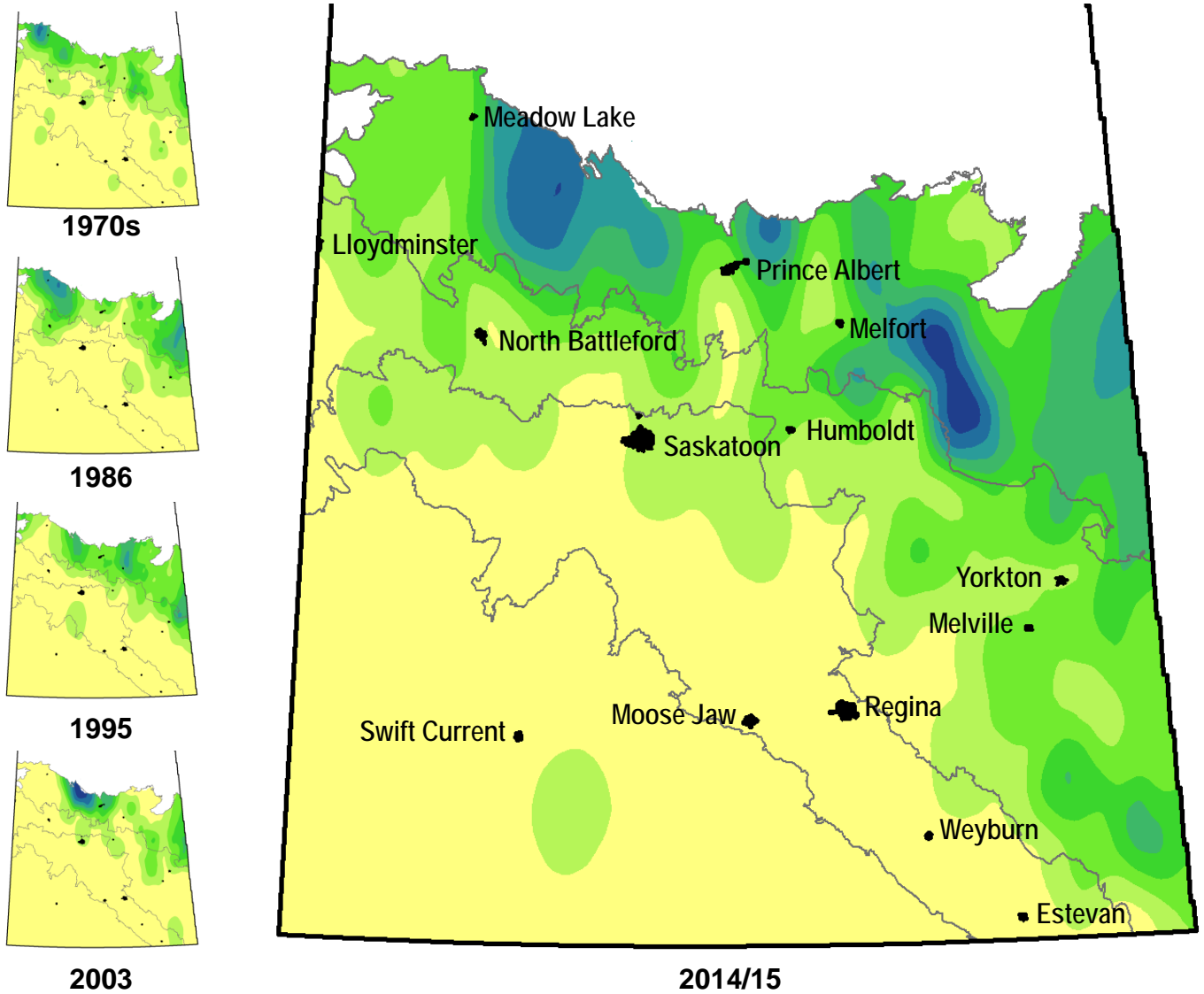
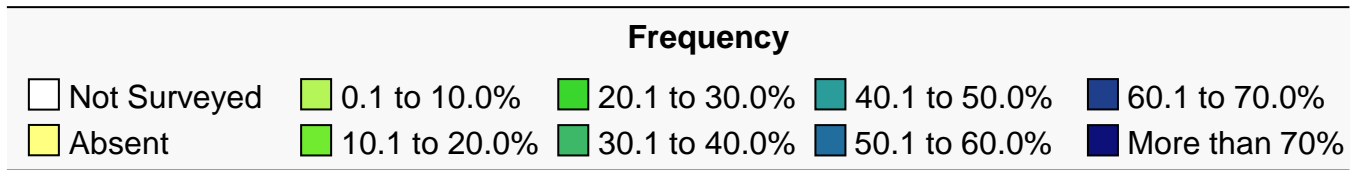
Survey	Rank	Frequency (%)	Field Uniformity		Field Density (#/m ²)		Relative Abundance	
			All	Occurrence	All	Occurrence High		
1976-79	11	23.1	4.5	19.5	0.6	2.6	39.8	6.3
1986	10	18.0	3.0	16.9	0.3	1.9	20.8	6.5
1995	5	43.0	9.1	21.3	1.1	2.6	61.8	16.5
2003	4	32.5	6.6	20.0	0.7	2.2	32.6	16.9
2014-15	5	37.4	7.0	18.6	0.7	1.9	29.4	11.0

Canola/rapeseed, *Brassica napus* and *B. rapa*



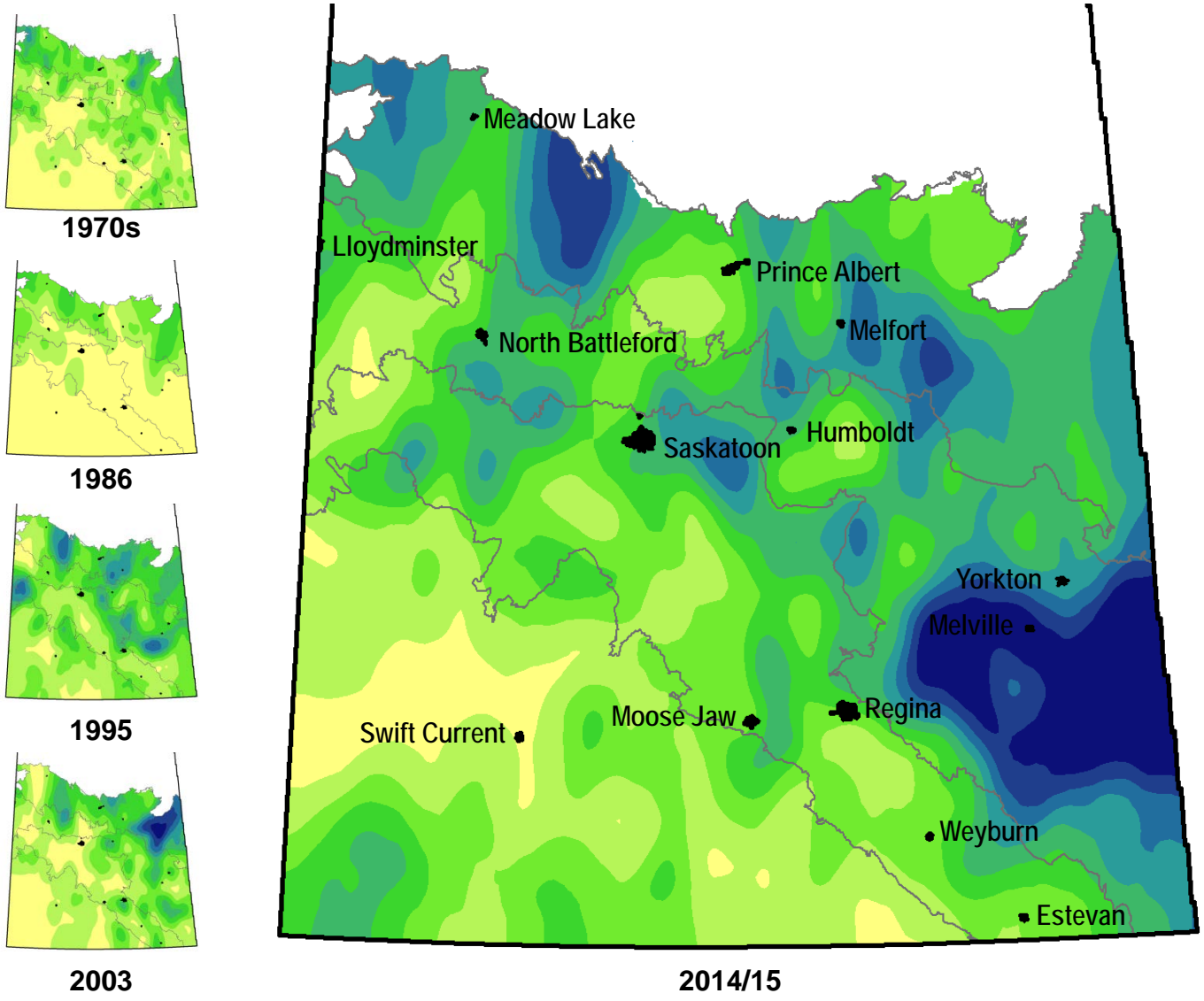
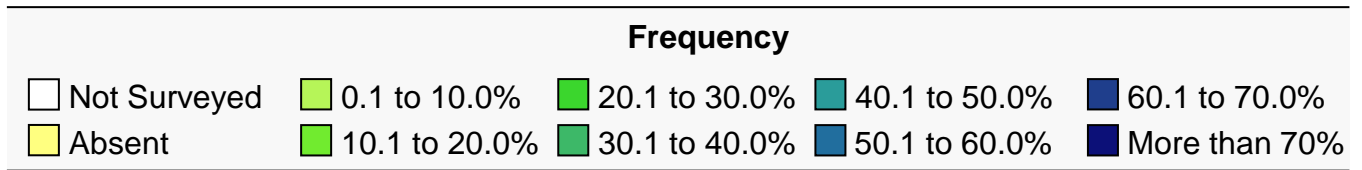
Survey	Rank	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1976-79	25	4.9	1.2	24.9	0.2	3.1	52.0	1.5
1986	23	4.4	1.3	29.9	0.2	5.6	43.2	2.4
1995	11	13.0	4.0	30.9	0.7	5.2	65.8	6.9
2003	14	6.6	1.4	21.4	0.4	5.4	92.8	4.3
2014-15	4	37.1	14.2	38.2	3.3	9.0	296.2	21.2

Chickweed, *Stellaria media*



Survey	Rank	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1976-79	28	2.4	0.7	28.4	0.4	18.1	370.6	1.3
1986	21	3.3	1.0	29.2	0.4	13.3	122.0	2.4
1995	26	3.9	1.0	24.8	0.4	8.9	60.4	2.4
2003	29	2.3	0.6	24.5	0.1	4.3	19.8	1.5
2014-15	18	7.9	2.3	28.7	0.8	10.7	221.8	4.4

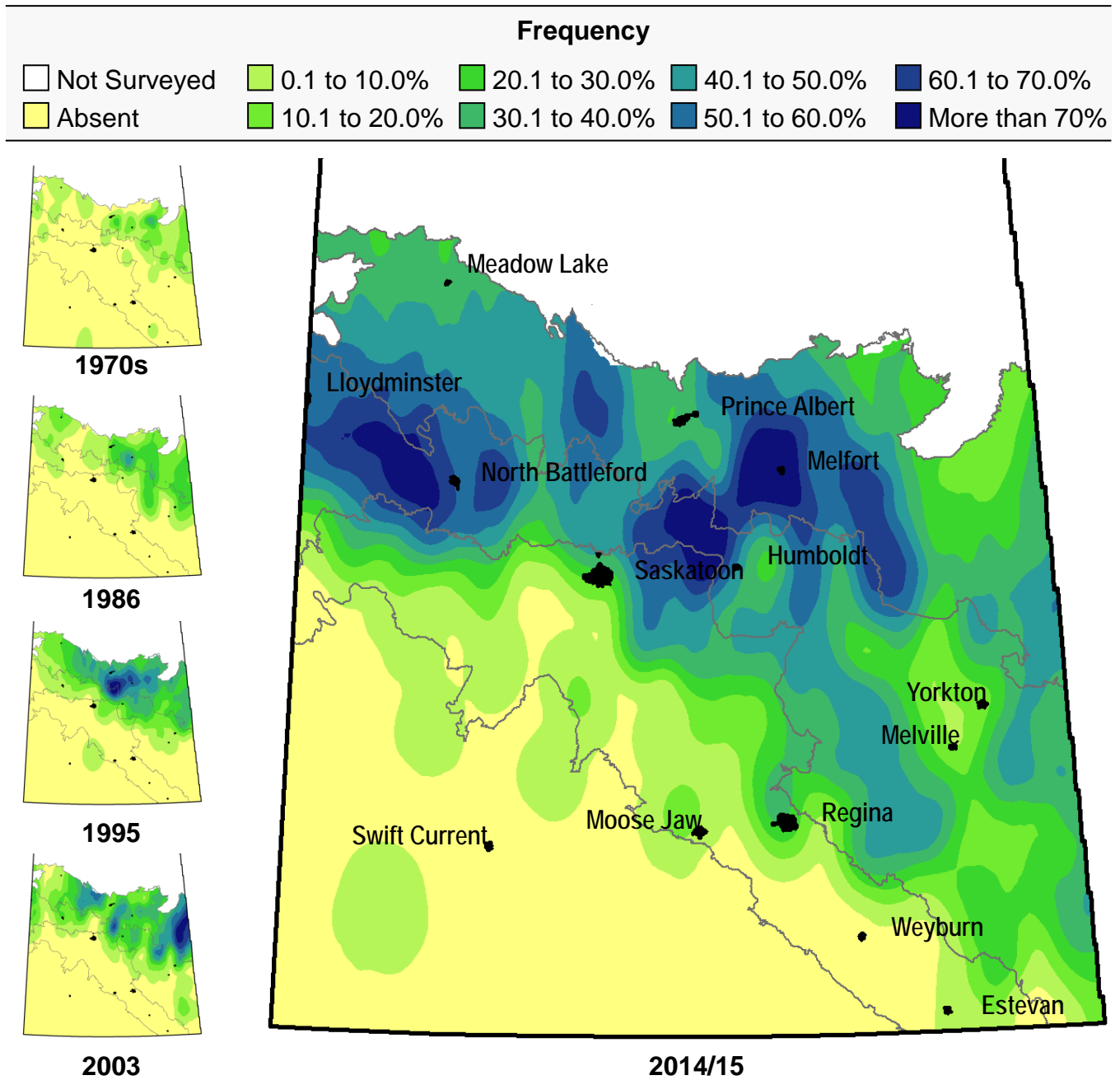
Dandelion, *Taraxacum officinale**



Survey	Rank	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1976-79	23	7.3	1.3	17.7	0.1	1.6	26.8	1.8
1986	36	3.0	0.4	12.4	< 0.1	0.9	7.8	0.9
1995	14	17.4	2.3	13.4	0.2	0.9	15.6	4.8
2003	11	11.5	1.7	15.1	0.1	1.2	26.8	4.9
2014-15	10	25.9	5.7	22.0	0.6	2.4	110.2	8.4

* Includes red-seeded dandelion (*T. erythrospermum*)

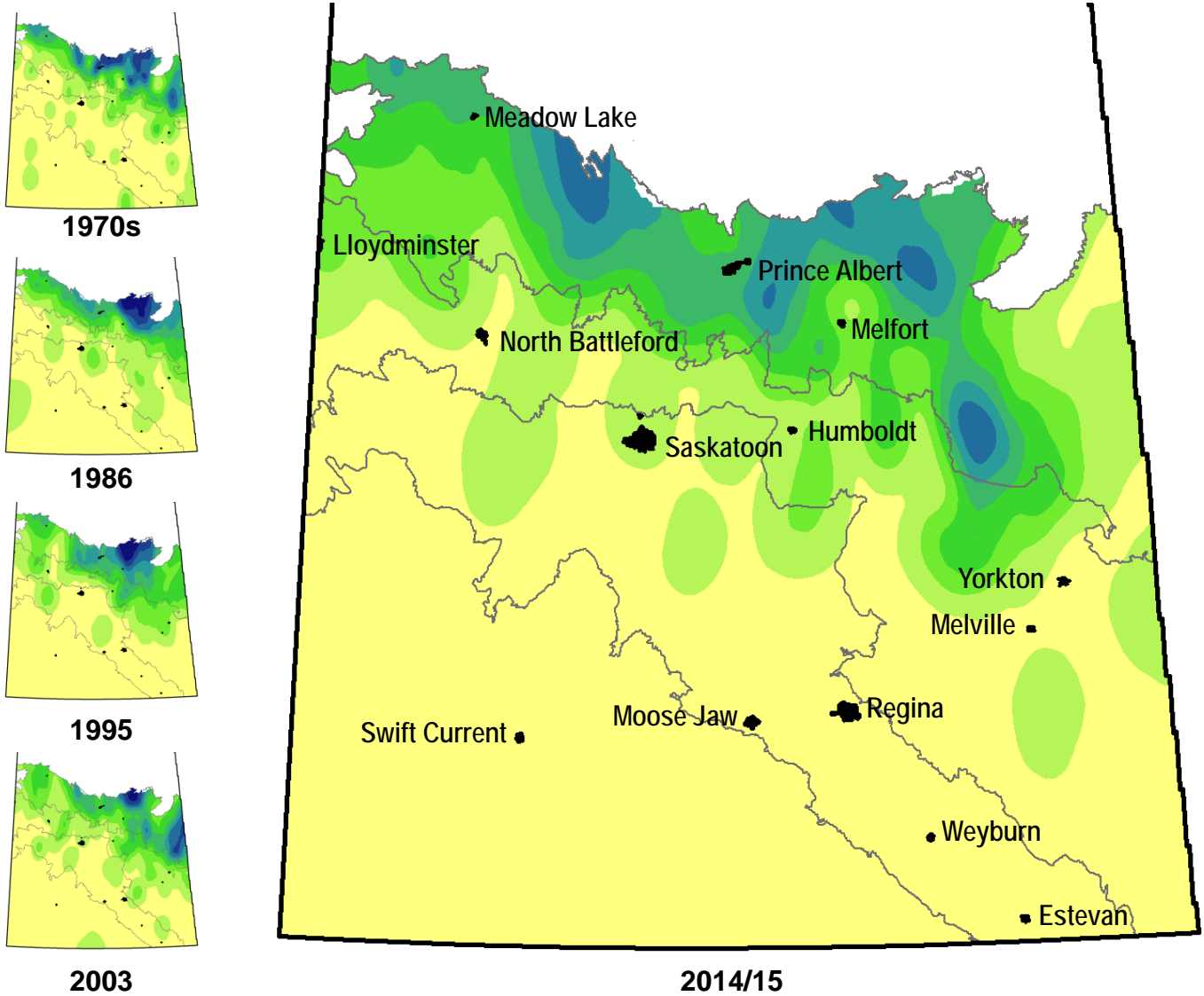
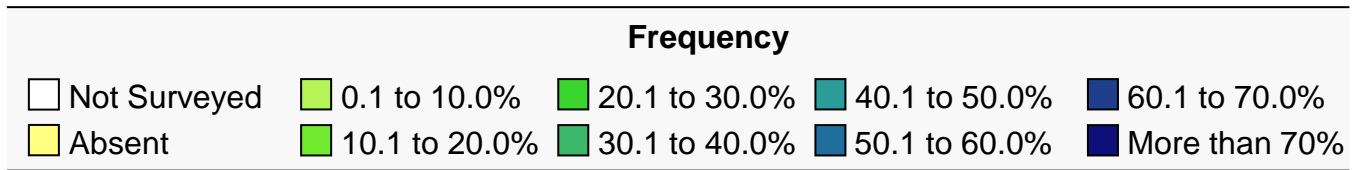
False cleavers, *Galium spurium**



Survey	Rank	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1976-79	40	1.7	0.4	24.7	0.1	3.6	36.6	0.5
1986	25	4.5	1.1	24.7	0.2	4.8	48.6	2.2
1995	15	9.1	2.5	27.6	0.4	3.9	74.4	4.2
2003	13	8.9	1.7	19.4	0.2	2.3	50.2	4.6
2014-15	7	23.7	7.9	33.1	1.2	5.0	132.4	10.6

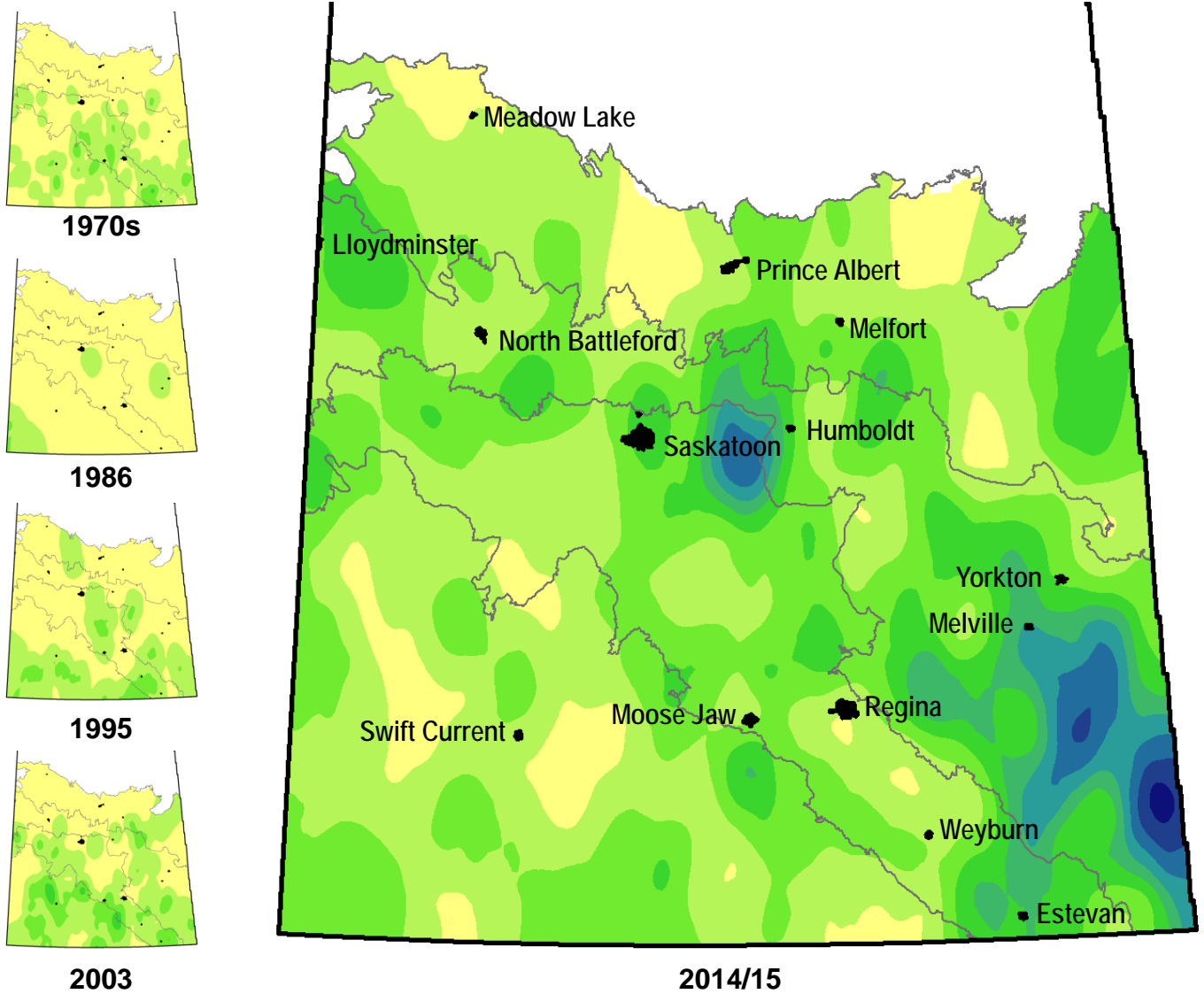
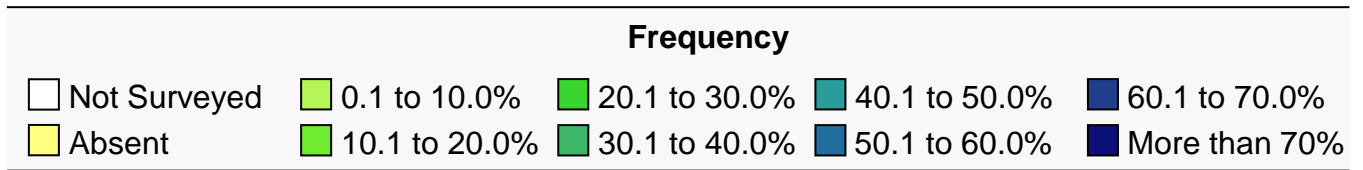
* May include cleavers (*G. aparine*)

Field horsetail, *Equisetum arvense*



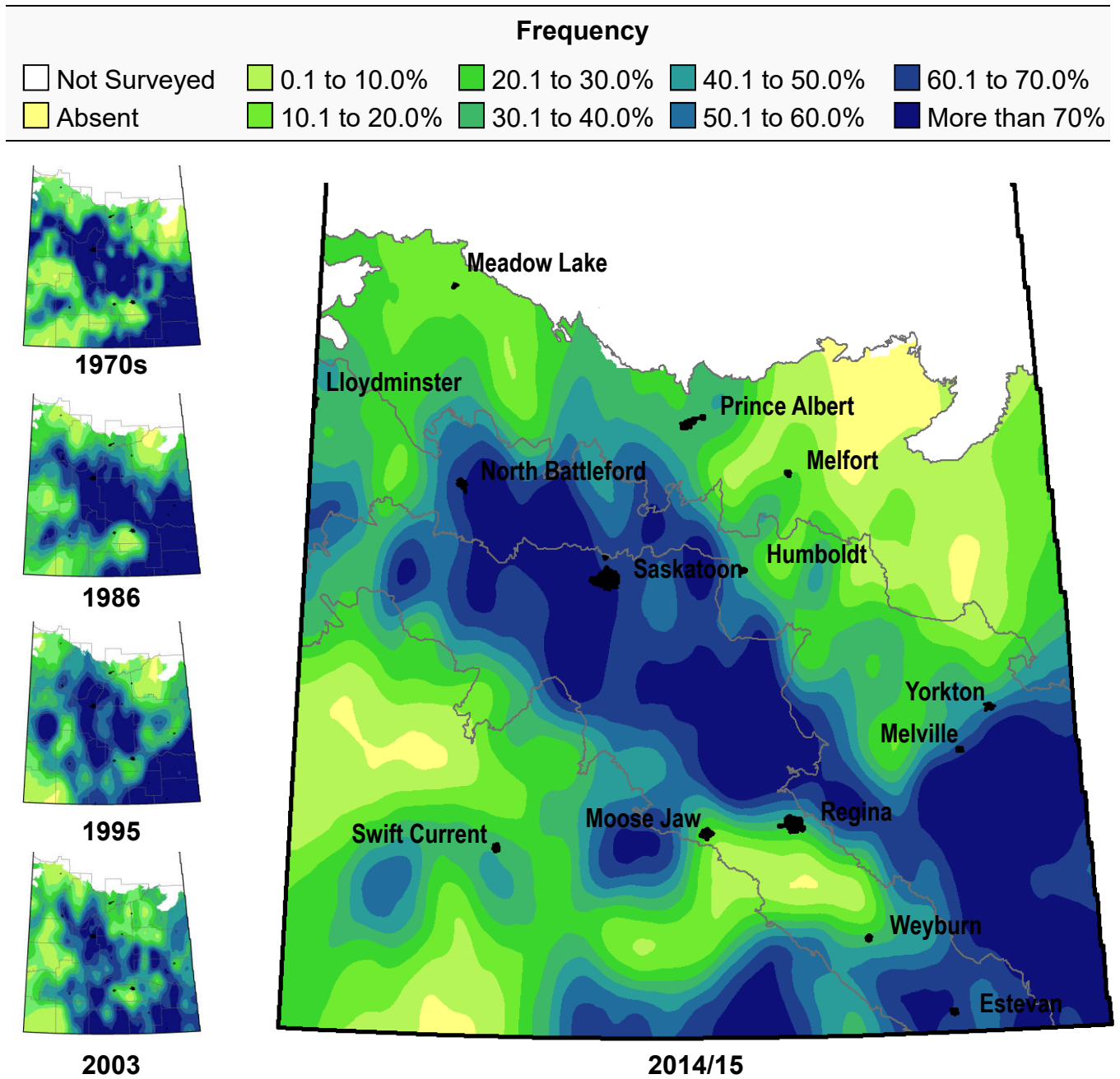
Survey	Rank	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1976-79	19	6.9	1.7	24.7	0.5	6.8	85.4	2.5
1986	15	6.6	1.6	24.6	0.5	7.0	71.4	3.6
1995	18	8.2	1.6	19.3	0.4	5.0	70.8	3.7
2003	16	7.2	1.5	20.1	0.3	3.5	93.0	4.1
2014-15	29	6.1	1.3	20.5	0.3	4.5	77.0	2.2

Foxtail barley, *Hordeum jubatum*



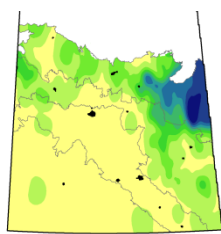
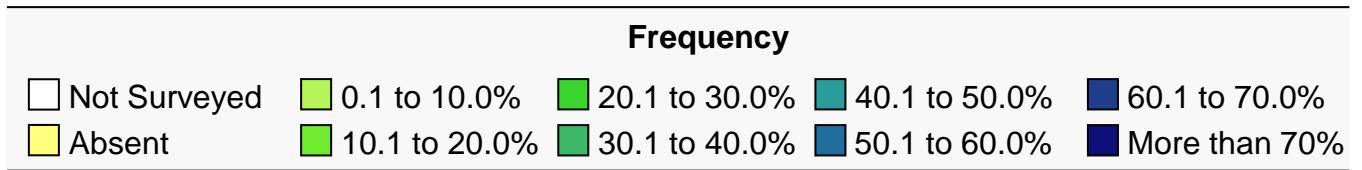
Survey	Rank	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1976-79	42	2.2	0.2	10.3	< 0.1	1.2	19.8	0.5
1986	67	0.4	< 0.1	5.1	< 0.1	0.2	0.4	0.1
1995	40	2.3	0.3	12.4	< 0.1	1.5	9.6	0.7
2003	26	4.5	0.5	9.9	0.1	1.8	96.0	1.8
2014-15	16	13.5	2.7	20.3	0.5	3.6	160.0	4.7

Green foxtail, *Setaria viridis*

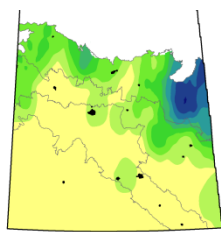


Survey	Rank	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1976-79	1	47.7	27.1	56.9	21.8	45.7	736.2	54.5
1986	1	53.5	28.8	53.9	19.4	36.3	1592.6	77.0
1995	1	53.1	21.8	41.0	8.7	16.4	487.8	50.9
2003	1	42.1	17.6	41.1	10.3	24.2	568.4	67.0
2014-15	1	41.3	19.6	47.5	11.0	26.6	646.6	42.9

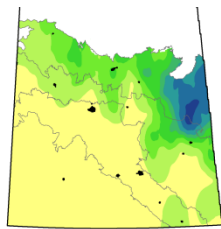
Hemp-nettle, *Galeopsis tetrahit*



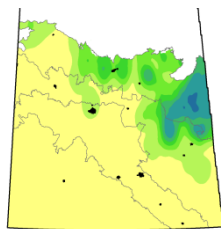
1970s



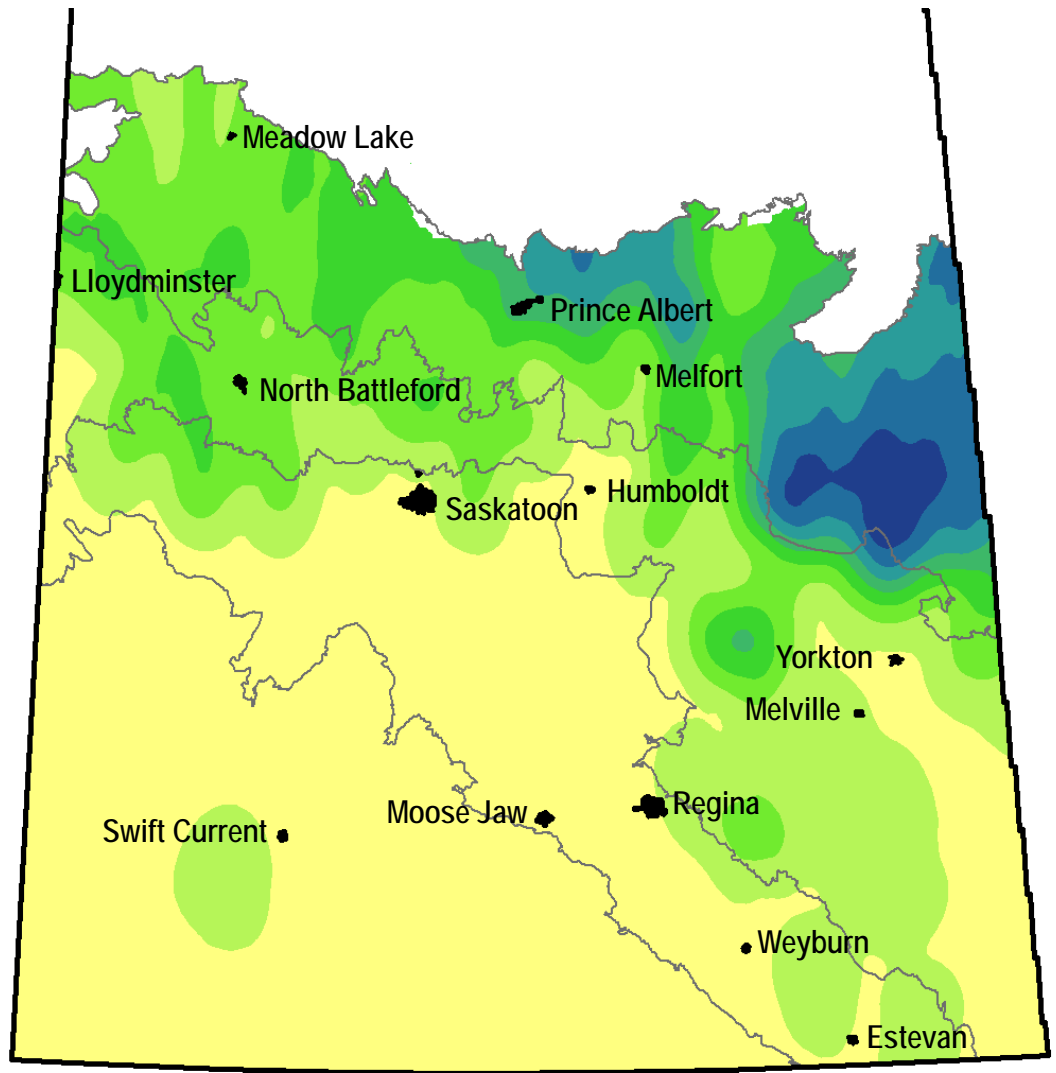
1986



1995



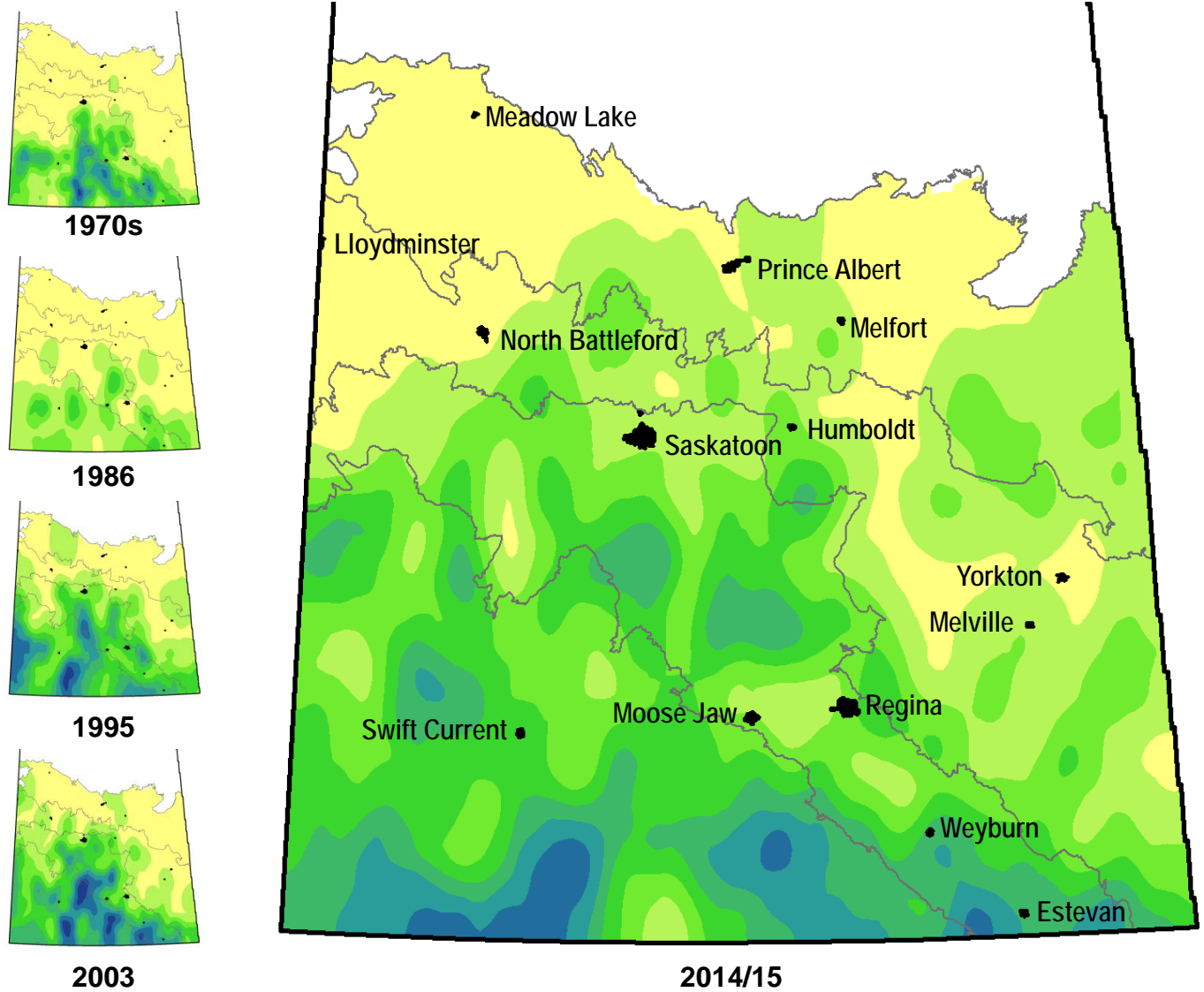
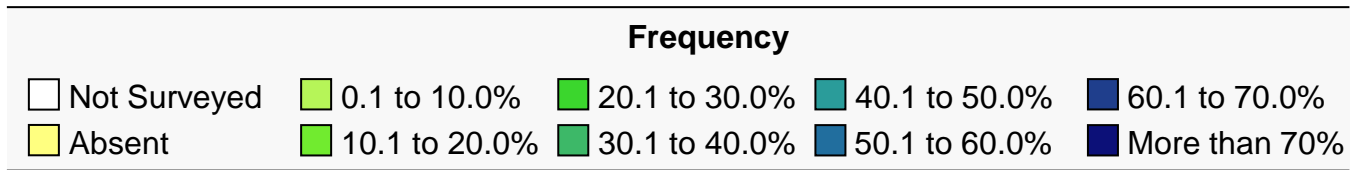
2003



2014/15

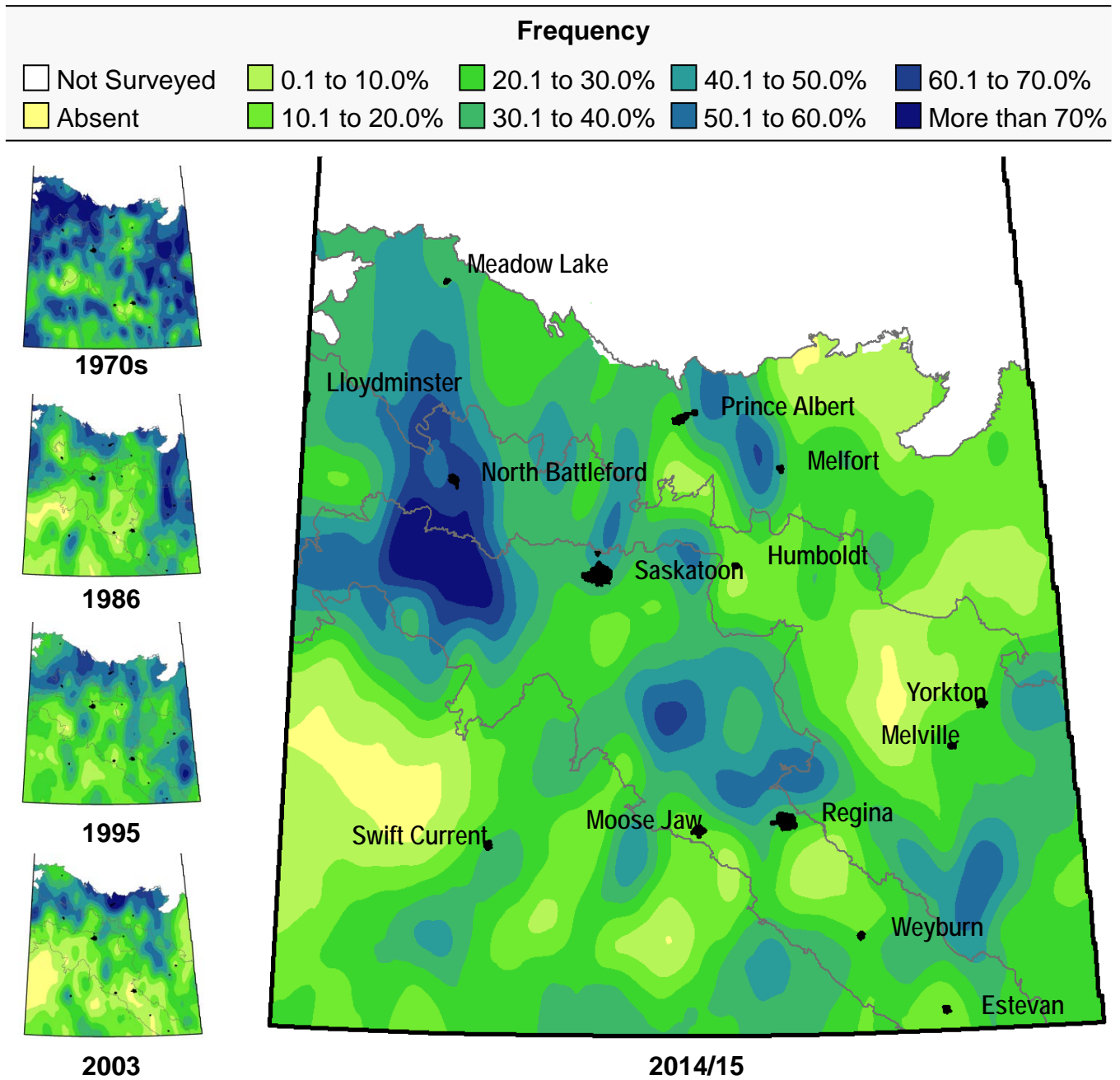
Survey	Rank	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1976-79	21	5.9	1.5	25.6	0.3	4.8	55.6	2.0
1986	18	5.4	1.4	25.7	0.5	8.5	248.2	3.2
1995	25	5.8	1.3	22.8	0.2	3.3	41.2	2.4
2003	22	4.4	0.7	16.6	0.1	2.5	44.4	2.2
2014-15	27	7.8	1.6	20.5	0.2	2.6	32.2	2.5

Kochia, *Bassia scoparia*



Survey	Rank	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1976-79	17	9.1	2.1	23.1	0.3	3.3	66.6	2.7
1986	28	4.0	0.8	21.0	0.1	3.4	54.8	1.7
1995	13	16.0	3.0	18.9	0.4	2.2	29.0	5.7
2003	8	17.9	3.9	21.5	0.8	4.2	181.4	11.0
2014-15	15	15.1	2.9	19.2	0.4	2.7	128.0	4.8

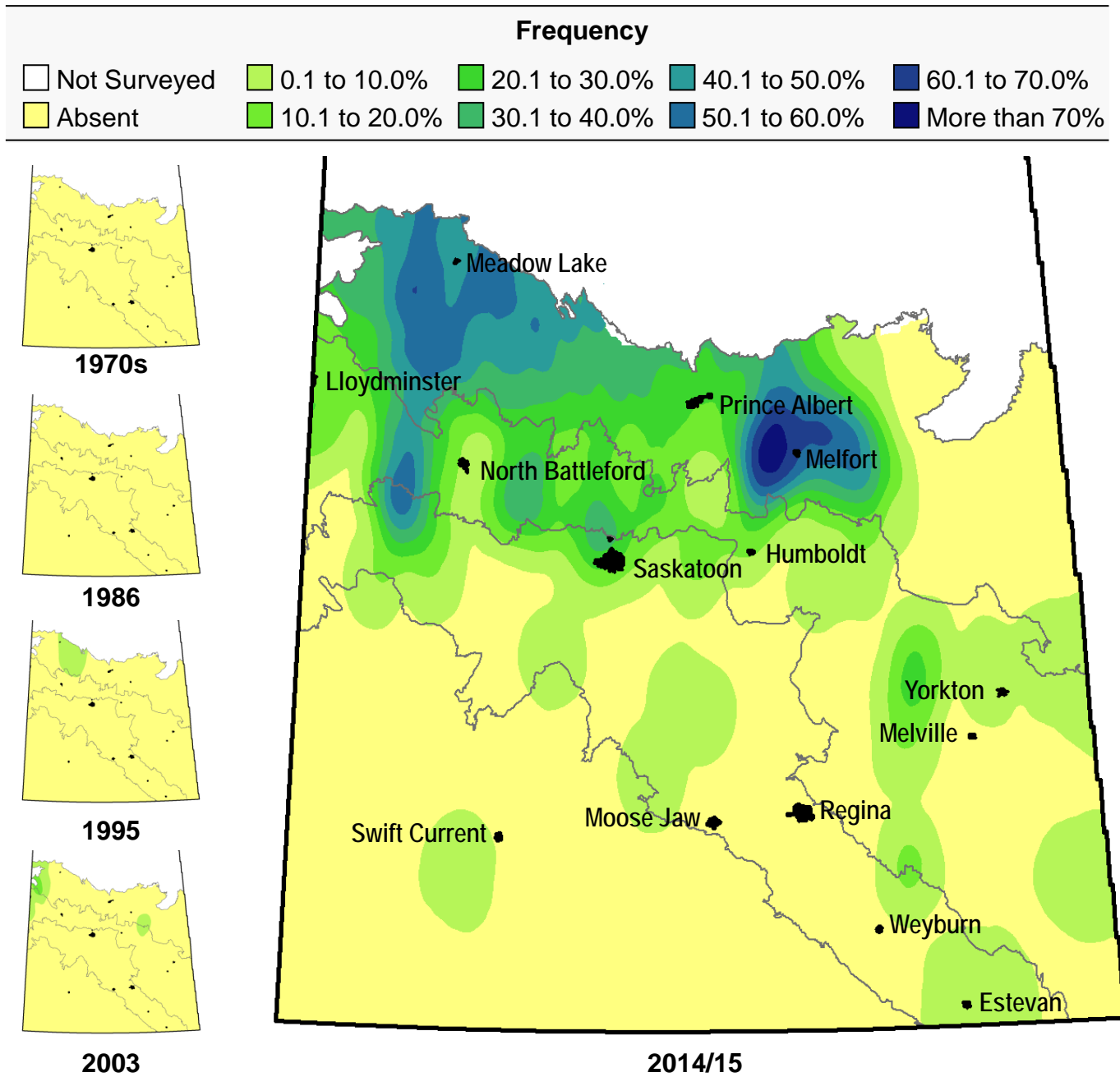
Lamb's-quarters, *Chenopodium album**



Survey	Rank	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1976-79	5	45.7	13.5	29.6	2.5	5.6	200.8	16.8
1986	6	27.8	7.0	25.2	1.2	4.3	194.0	13.2
1995	6	30.3	6.3	20.8	0.8	2.7	84.6	11.6
2003	5	21.2	5.0	23.4	1.2	5.6	564.4	14.4
2014-15	8	29.2	6.6	22.5	1.1	3.7	154.4	10.5

* Includes net-seeded lamb's-quarters (*C. berlandieri* var. *zschackei*)

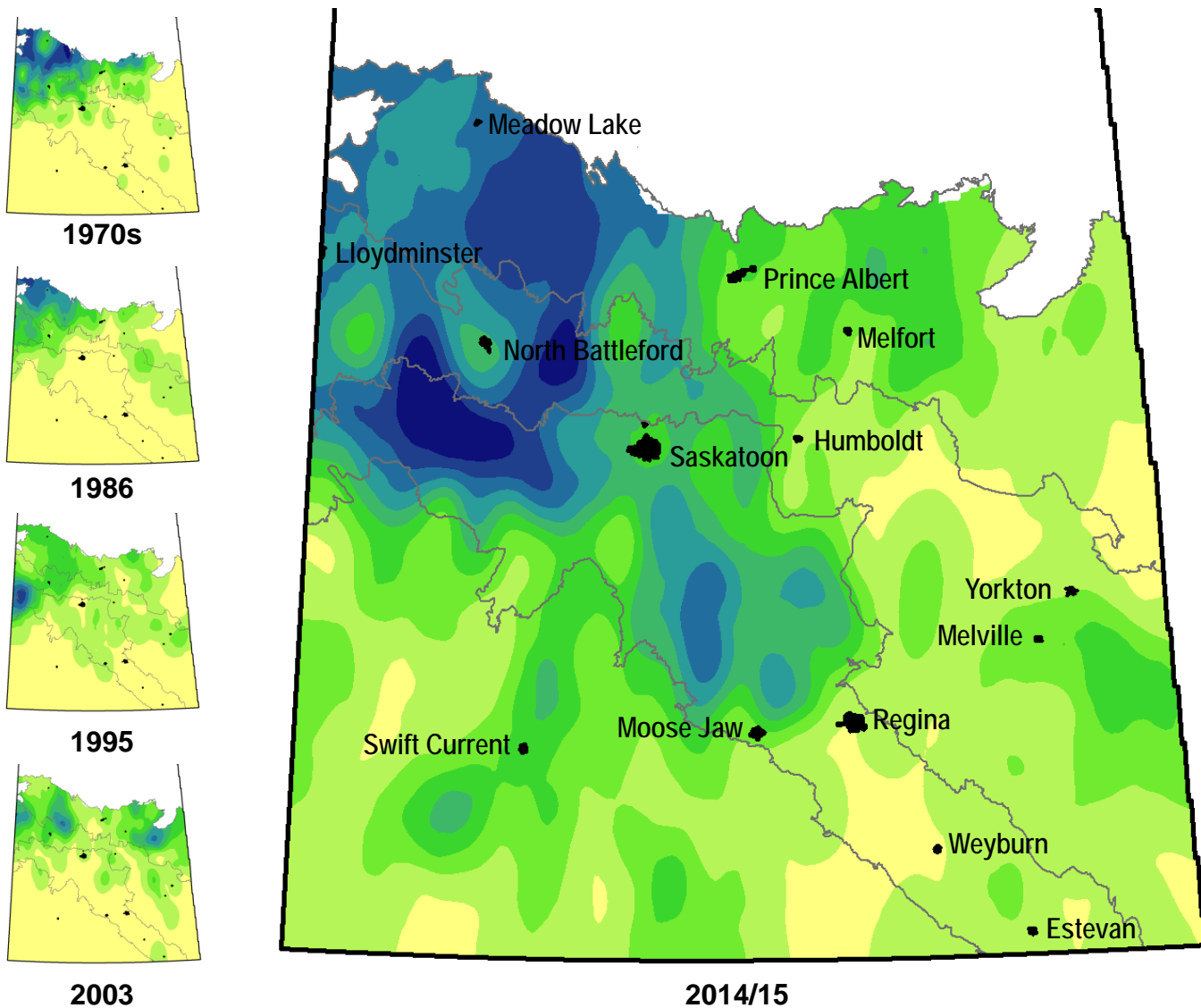
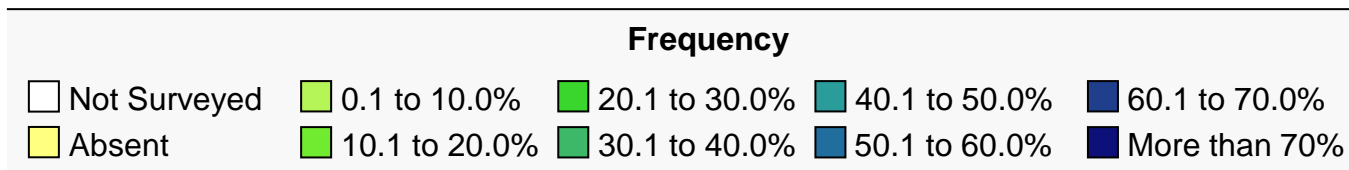
Low cudweed, *Gnaphalium uliginosum**



Survey	Rank	Frequency (%)	Field Uniformity		Field Density (#/m ²)		Relative Abundance	
			All Occurrence	High Occurrence	All Occurrence	High Occurrence		
1976-79	-	-	-	-	-	-	-	
1986	-	-	-	-	-	-	-	
1995	121	< 0.1	< 0.1	10.0	< 0.1	4.4	4.4	< 0.1
2003	86	0.2	< 0.1	8.0	< 0.1	0.3	0.4	0.1
2014-15	19	7.8	1.9	24.2	0.9	11.0	501.8	4.2

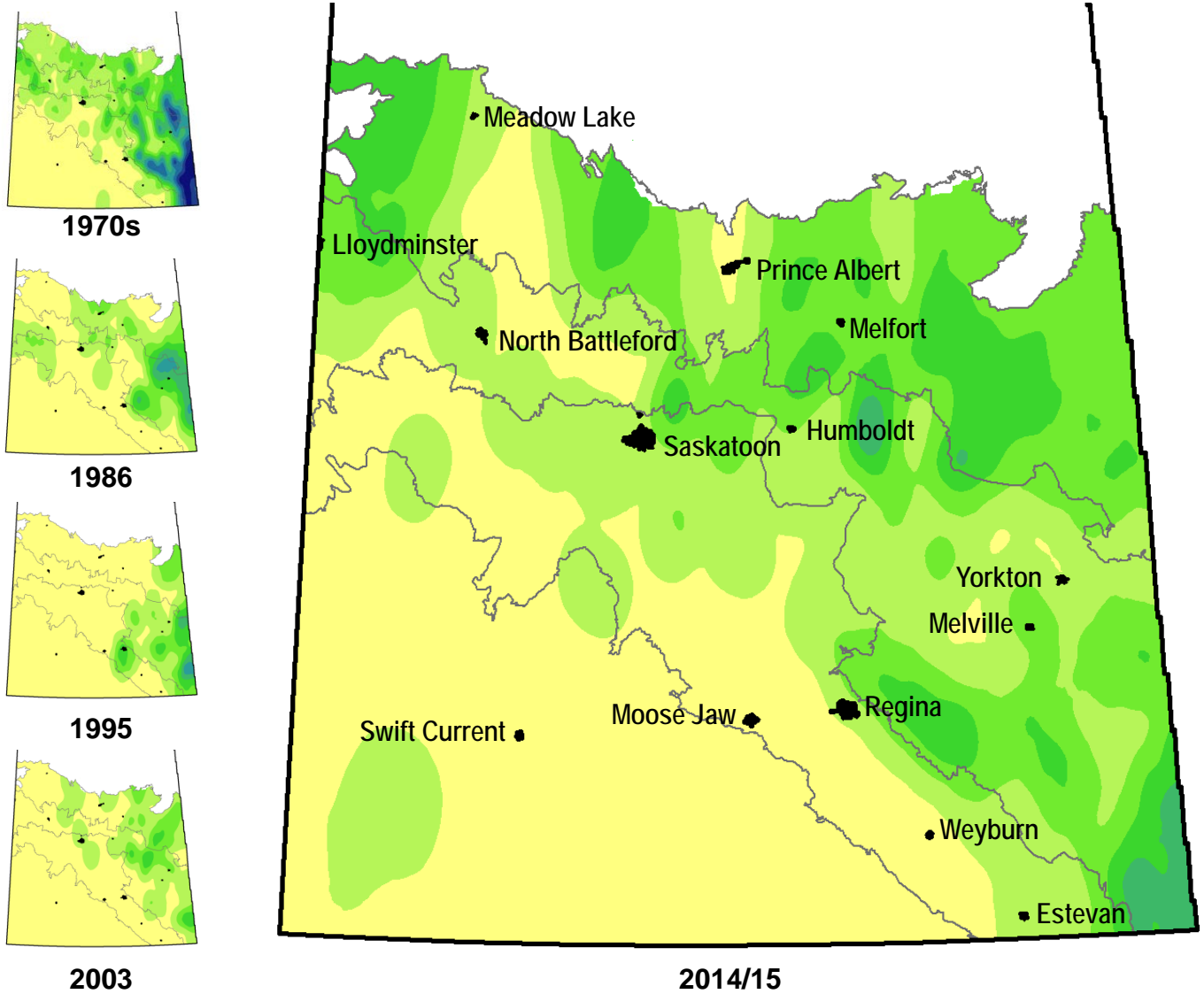
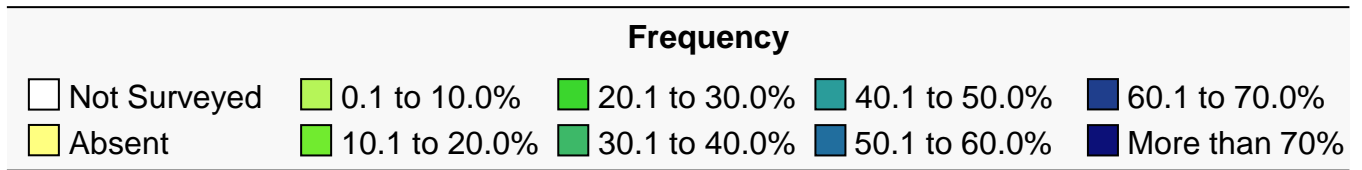
* Includes western marsh cudweed (*G. palustre*)

Narrow-leaved hawk's-beard, *Crepis tectorum*



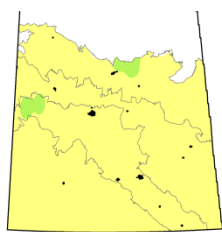
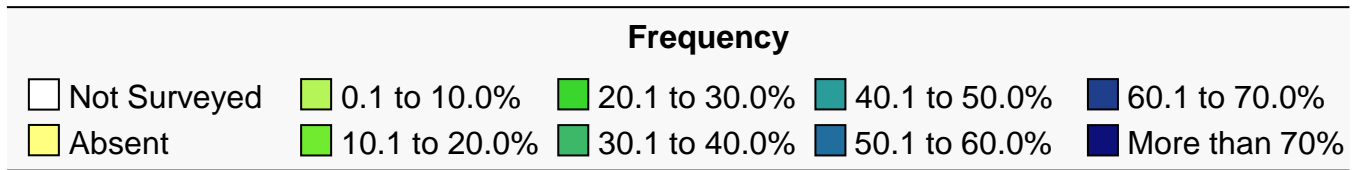
Survey	Rank	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1976-79	20	6.1	1.7	27.2	0.3	5.6	218.6	2.2
1986	32	4.1	0.7	15.9	0.1	1.6	43.6	1.4
1995	29	5.7	0.7	12.2	0.1	1.4	14.8	1.6
2003	20	5.3	0.9	16.3	0.1	1.7	17.0	2.4
2014-15	9	21.2	6.0	28.3	1.5	6.9	216.4	9.9

Night-flowering catchfly, *Silene noctiflora*

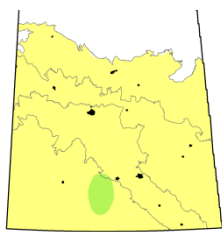


Survey	Rank	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1976-79	15	10.2	3.3	32.1	0.6	5.9	160.0	3.9
1986	24	5.1	1.3	25.7	0.1	2.8	23.2	2.3
1995	36	2.4	0.5	22.1	0.1	2.1	46.0	0.9
2003	33	2.0	0.4	19.1	< 0.1	2.2	13.4	1.0
2014-15	31	6.2	1.2	19.7	0.2	3.4	71.0	2.1

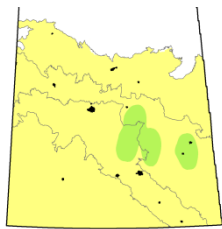
Northern willowherb, *Epilobium ciliatum**



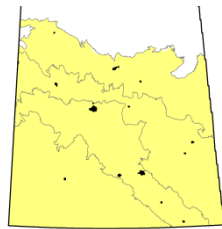
1970s



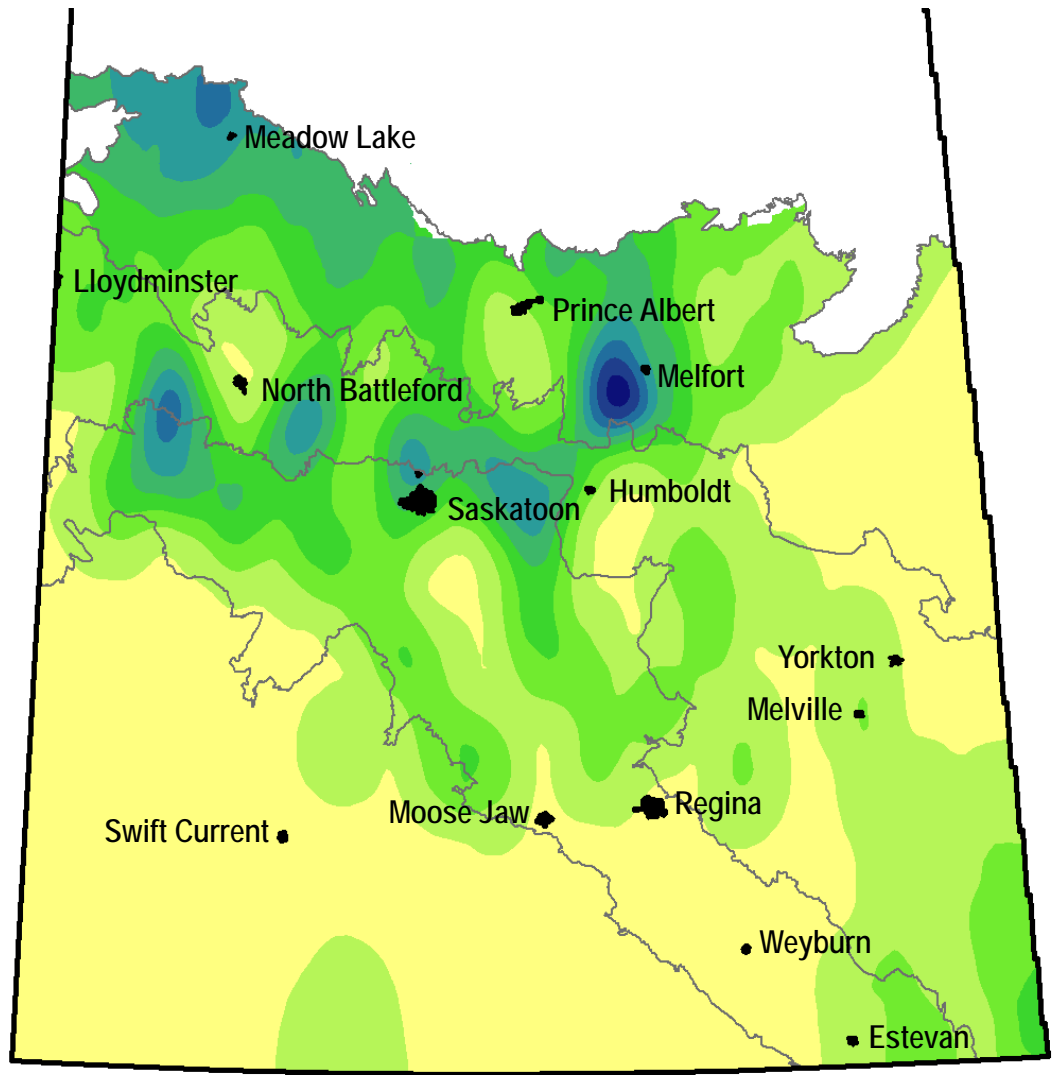
1986



1995



2003

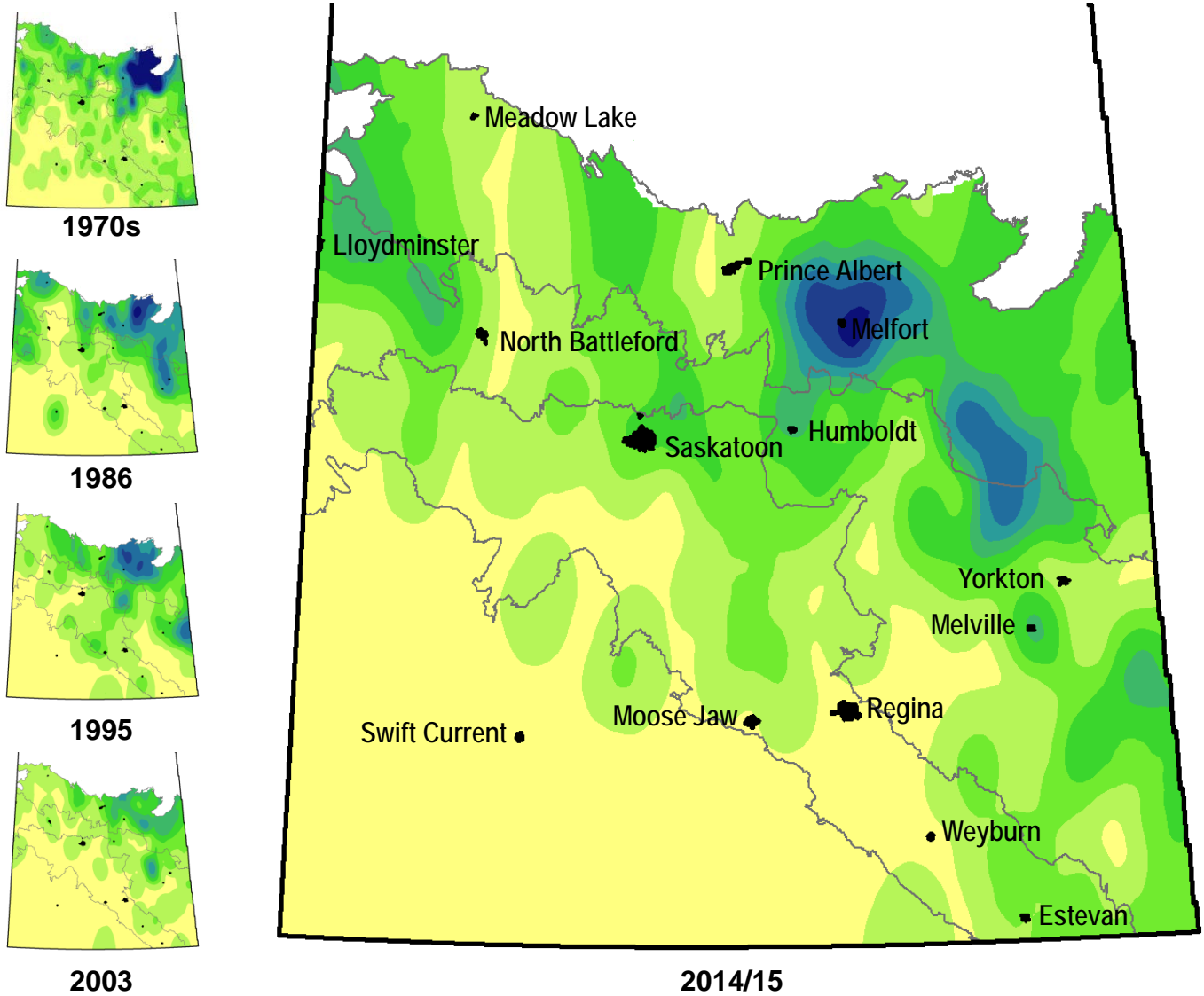
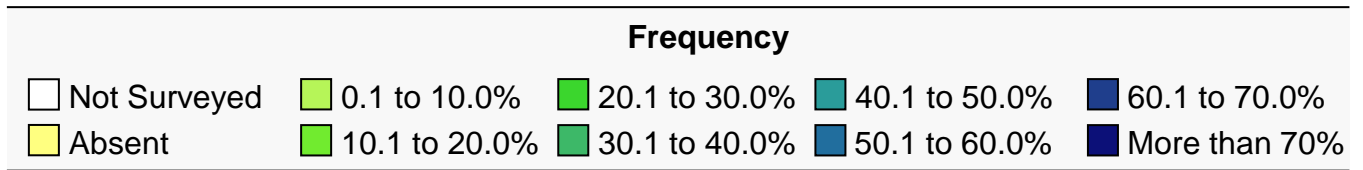


2014/15

Survey	Rank	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1976-79	99	0.1	< 0.1	5.0	< 0.1	1.9	7.0	< 0.1
1986	95	0.1	< 0.1	5.0	< 0.1	0.2	0.2	< 0.1
1995	86	0.3	< 0.1	5.0	< 0.1	0.2	0.2	0.1
2003	-	-	-	-	-	-	-	-
2014-15	25	9.6	1.8	18.9	0.2	2.1	66.2	2.9

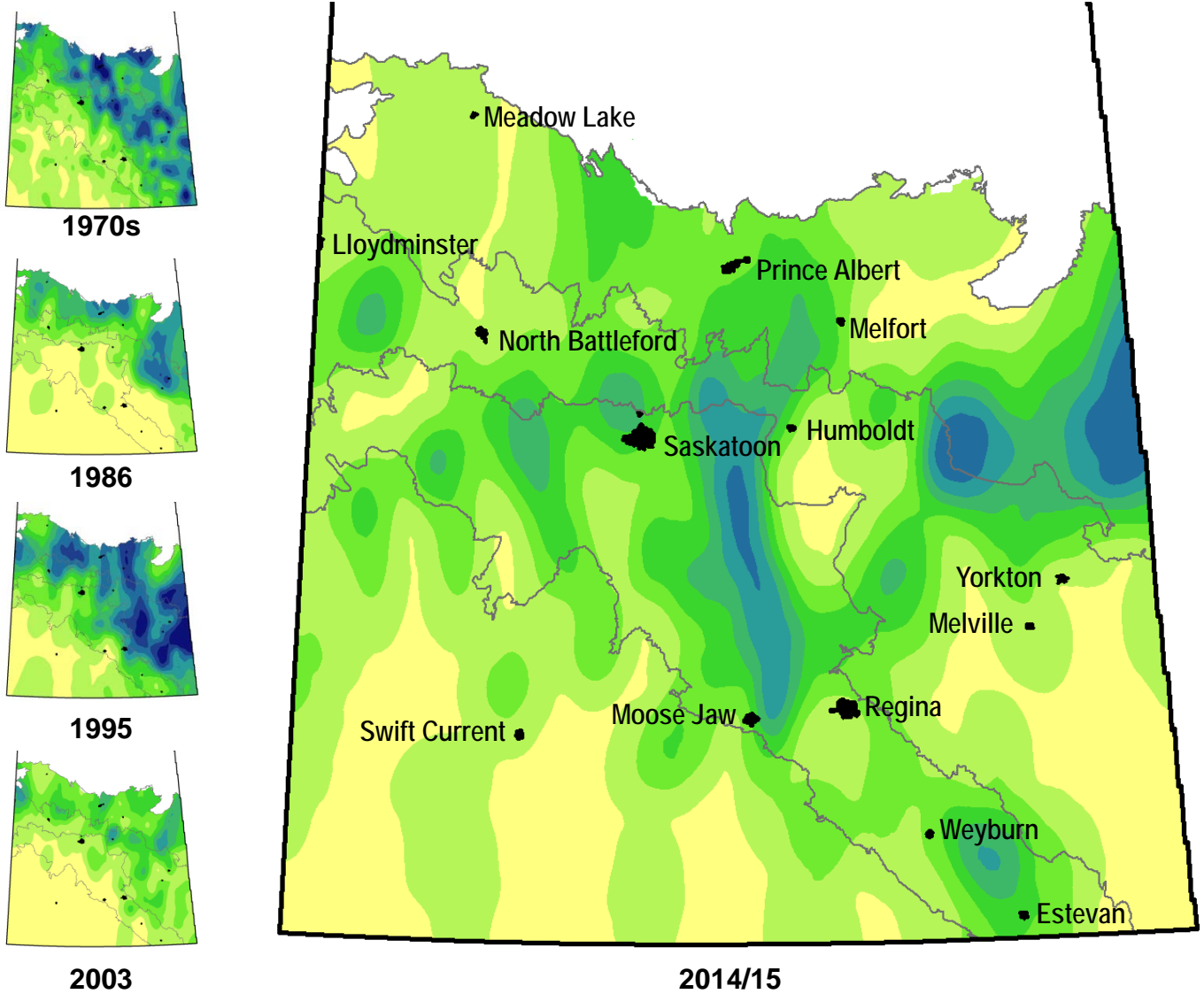
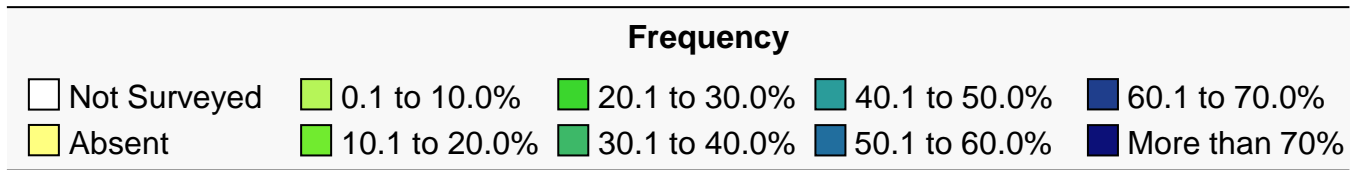
* May include marsh willowherb (*Epilobium palustre*)

Pale smartweed, *Persicaria lapathifolia*



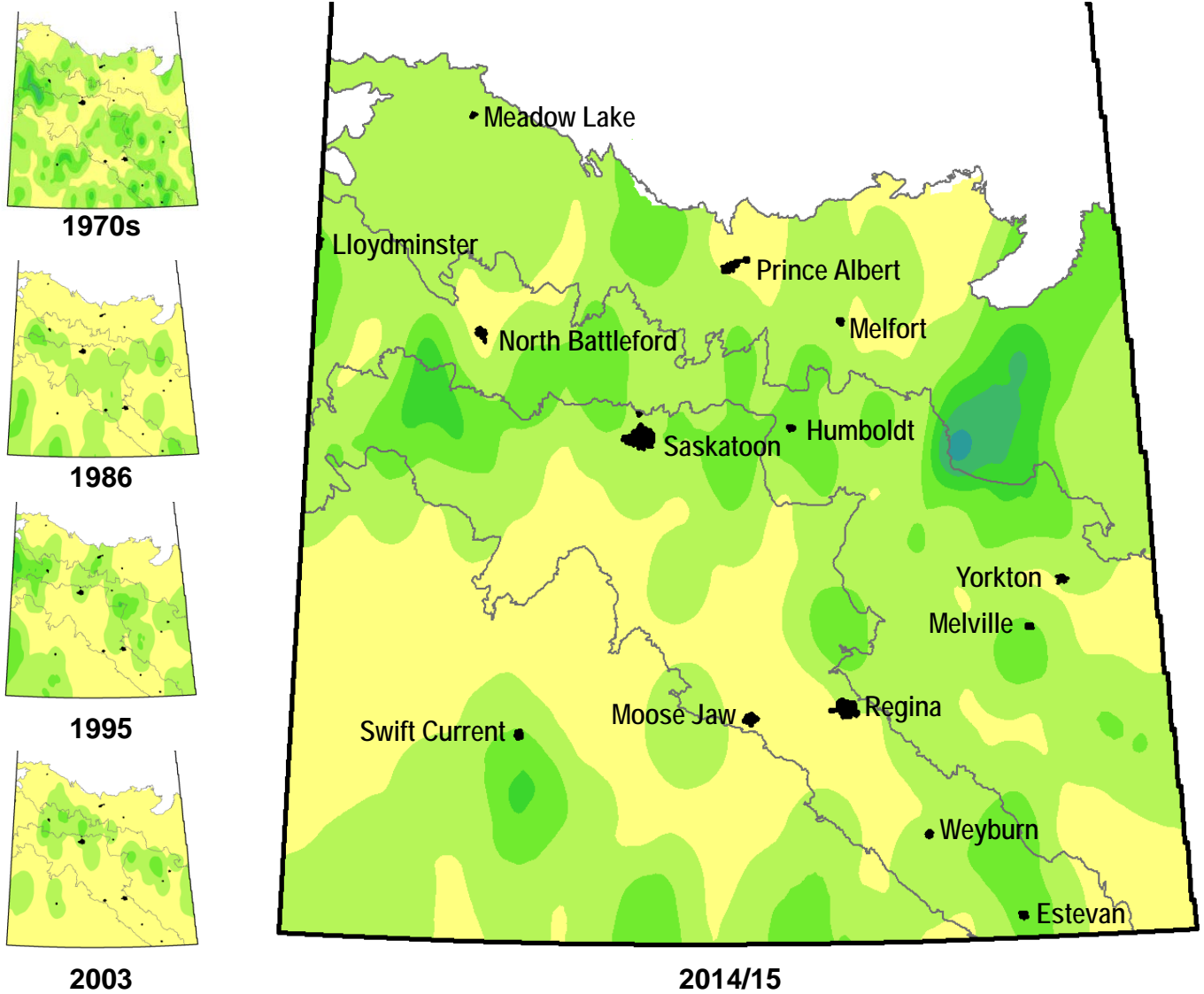
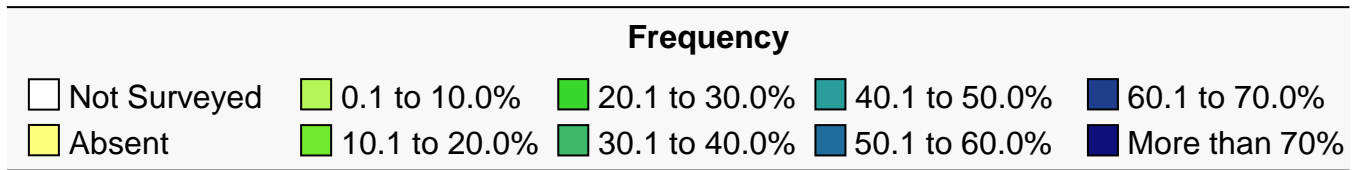
Survey	Rank	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1976-79	14	12.2	3.2	26.1	0.6	5.2	151.8	4.2
1986	12	12.4	2.0	16.0	0.3	2.0	59.4	4.4
1995	22	10.3	1.3	13.1	0.1	1.1	9.0	2.9
2003	23	5.3	0.7	12.3	0.1	1.3	31.0	2.2
2014-15	24	10.1	2.0	19.7	0.3	3.1	81.2	3.3

Perennial sow-thistle, *Sonchus arvensis*



Survey	Rank	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1976-79	10	23.8	4.8	20.3	0.6	2.4	73.2	6.5
1986	13	10.6	1.6	15.2	0.2	1.8	17.2	3.7
1995	7	29.4	6.0	20.6	0.7	2.4	39.8	10.9
2003	17	9.3	1.2	13.4	0.1	1.4	26.8	3.9
2014-15	17	13.0	2.7	20.7	0.5	3.5	389.8	4.5

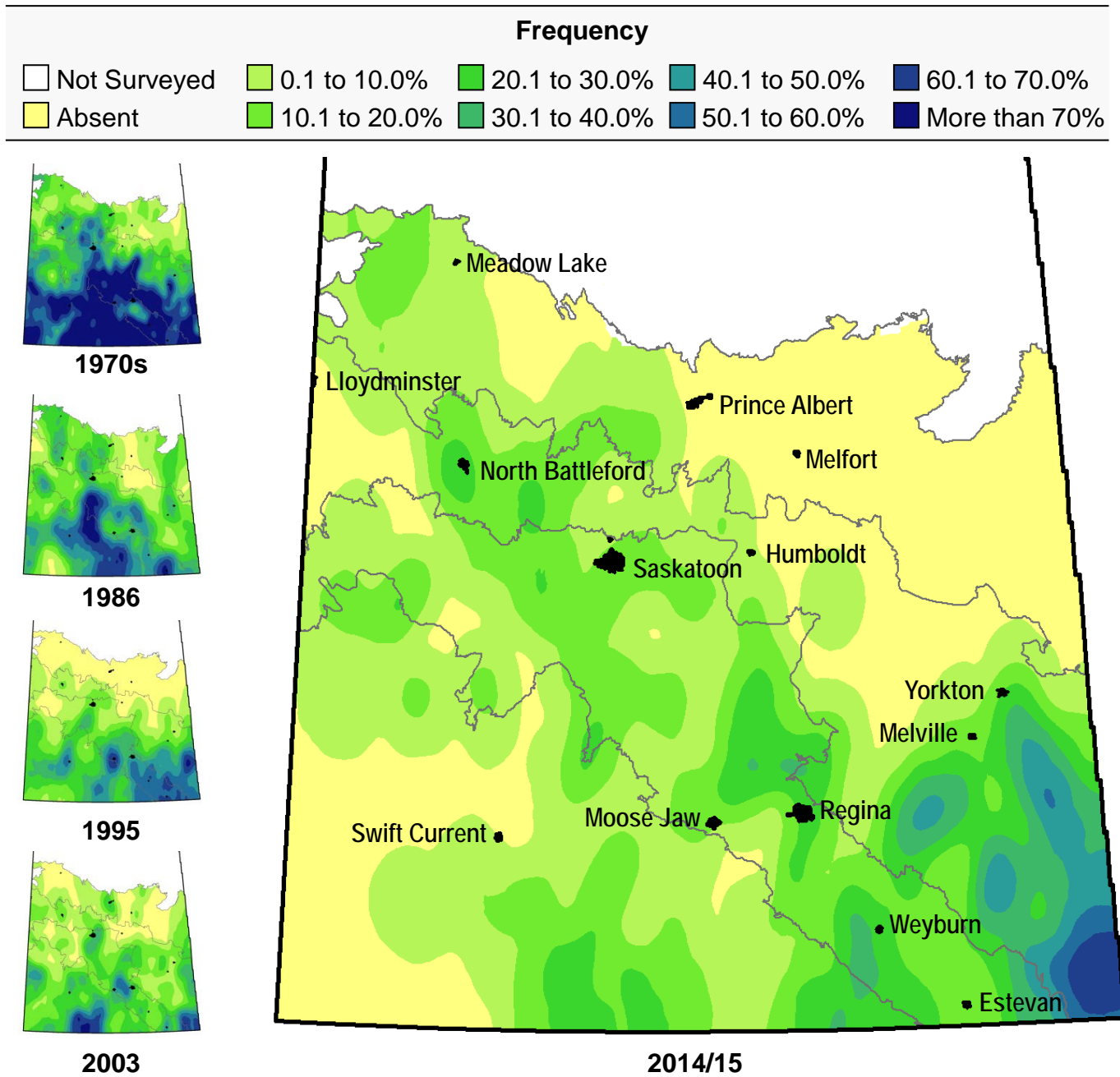
Prostrate knotweed, *Polygonum aviculare**



Survey	Rank	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1976-79	27	5.5	0.9	16.6	0.1	2.0	109.2	1.4
1986	41	2.0	0.2	11.5	< 0.1	1.6	12.8	0.6
1995	34	3.2	0.4	13.1	0.1	1.9	24.0	1.0
2003	43	1.4	0.2	11.0	< 0.1	0.8	3.6	0.5
2014-15	37	5.4	0.7	13.2	0.1	1.2	18.6	1.3

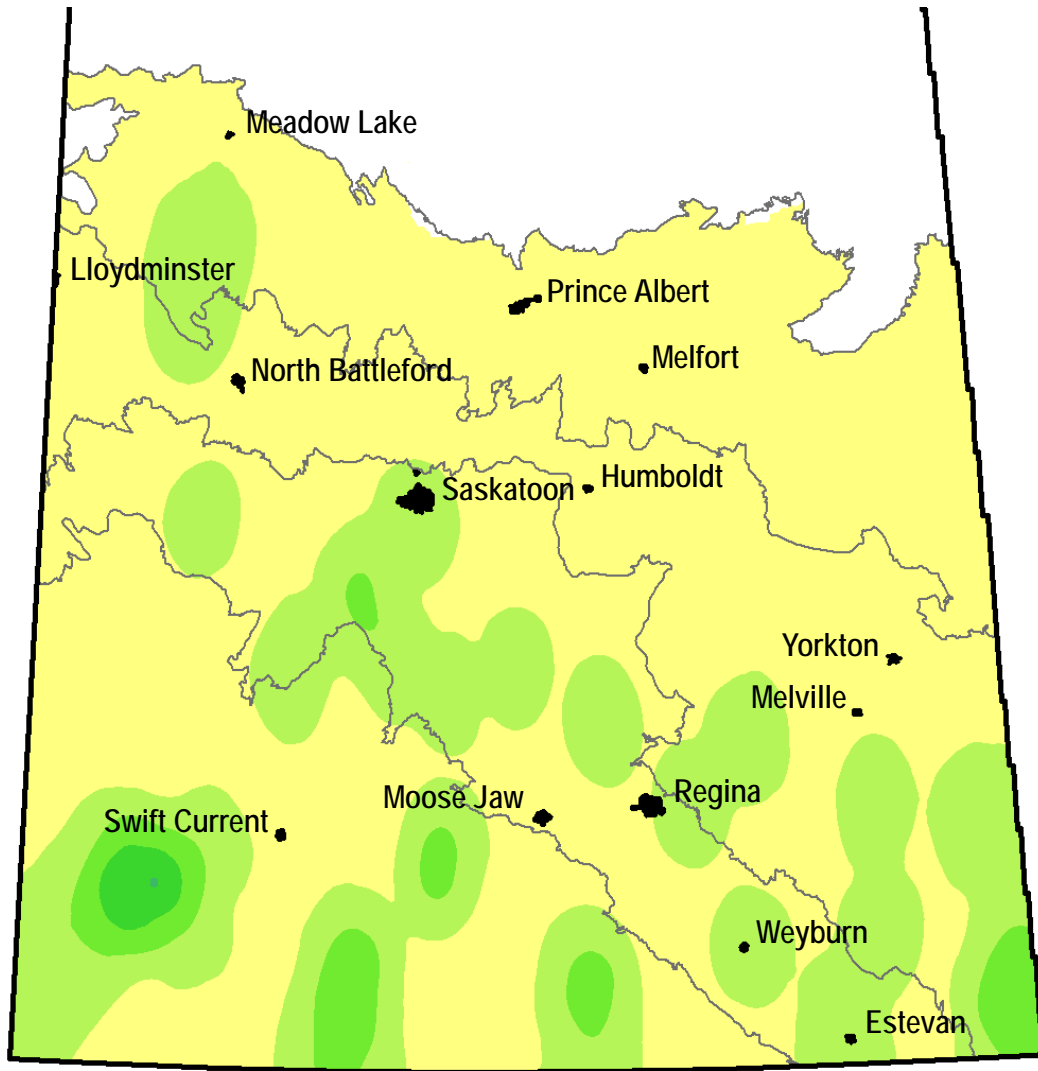
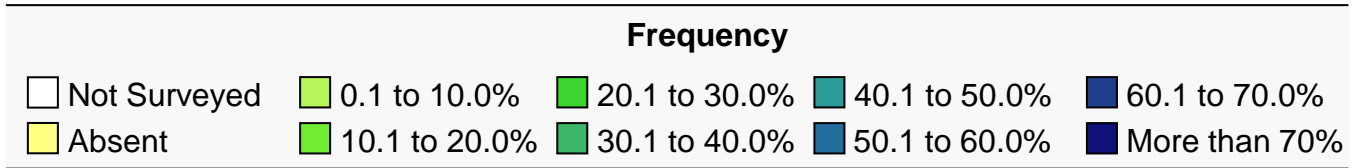
* May include erect knotweed (*P. erectum*)

Redroot pigweed, *Amaranthus retroflexus*



Survey	Rank	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1976-79	7	46.8	13.3	28.5	2.3	4.9	187.0	16.4
1986	7	28.5	5.6	19.7	0.7	2.4	73.8	11.2
1995	10	20.1	3.8	19.1	0.4	2.0	31.0	7.0
2003	7	16.4	3.3	20.1	1.1	6.9	758.4	11.5
2014-15	23	9.2	2.0	21.6	0.4	4.3	139.0	3.4

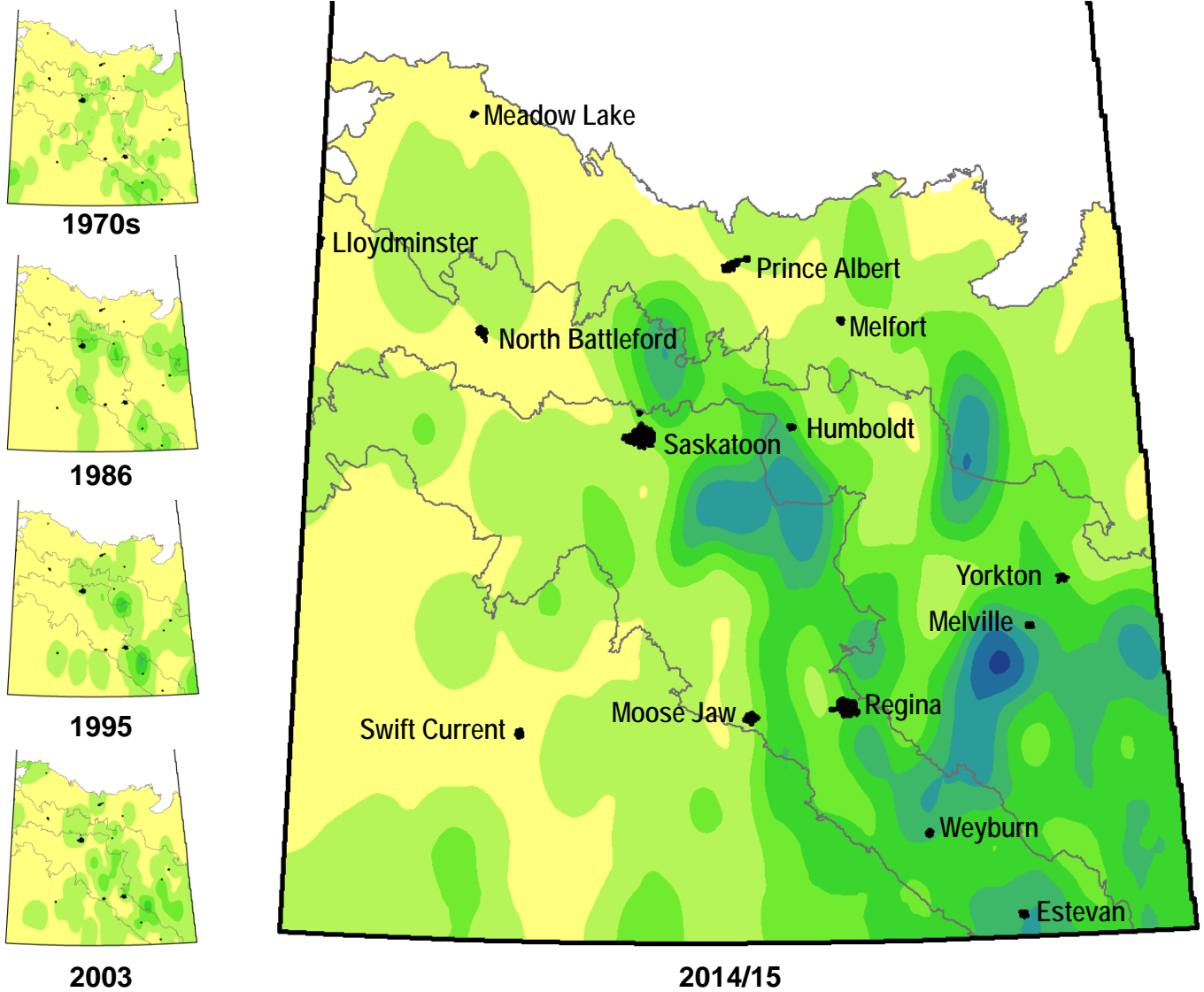
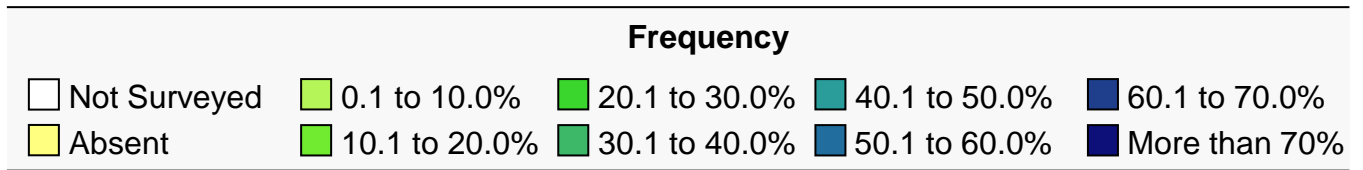
Ridge-seeded spurge, *Euphorbia glyptosperma**



2014/15

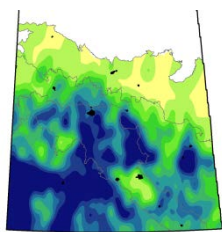
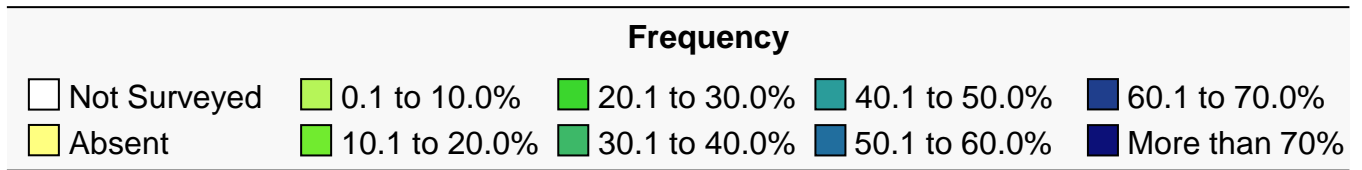
* See annual spurge species for previous survey maps

Round-leaved mallow, *Malva pusilla*

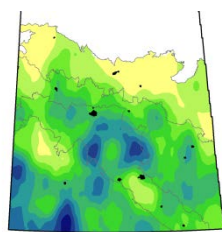


Survey	Rank	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1976-79	44	1.7	0.2	12.9	< 0.1	1.2	9.6	0.4
1986	37	2.2	0.4	16.7	0.1	2.6	25.4	0.8
1995	38	2.6	0.4	14.5	< 0.1	1.3	6.8	0.8
2003	31	2.9	0.5	16.0	0.1	2.4	28.4	1.4
2014-15	22	12.3	2.3	18.9	0.2	1.9	28.4	3.6

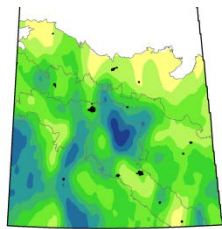
Russian thistle, *Salsola tragus*



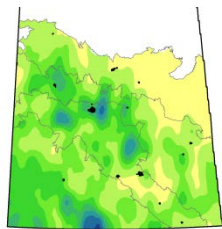
1970s



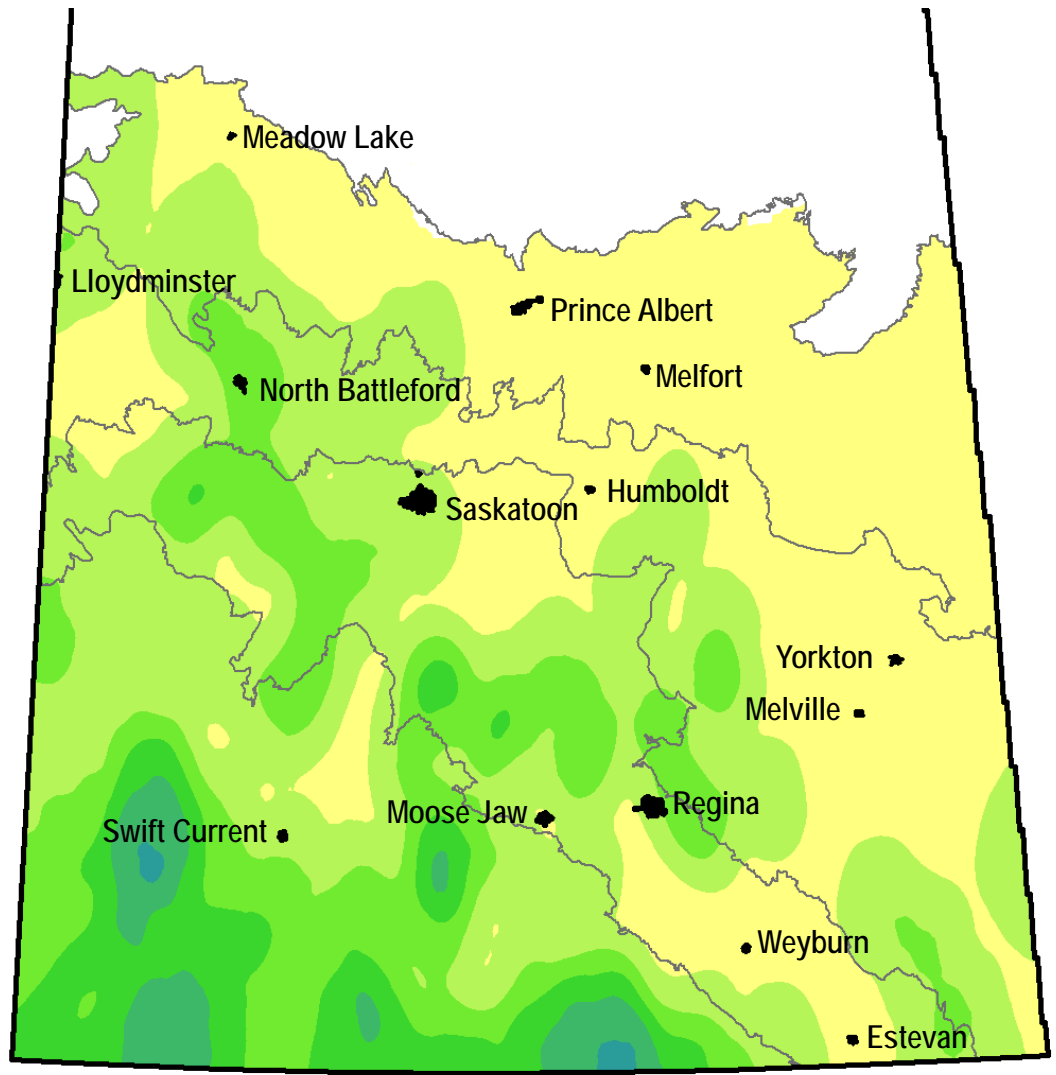
1986



1995



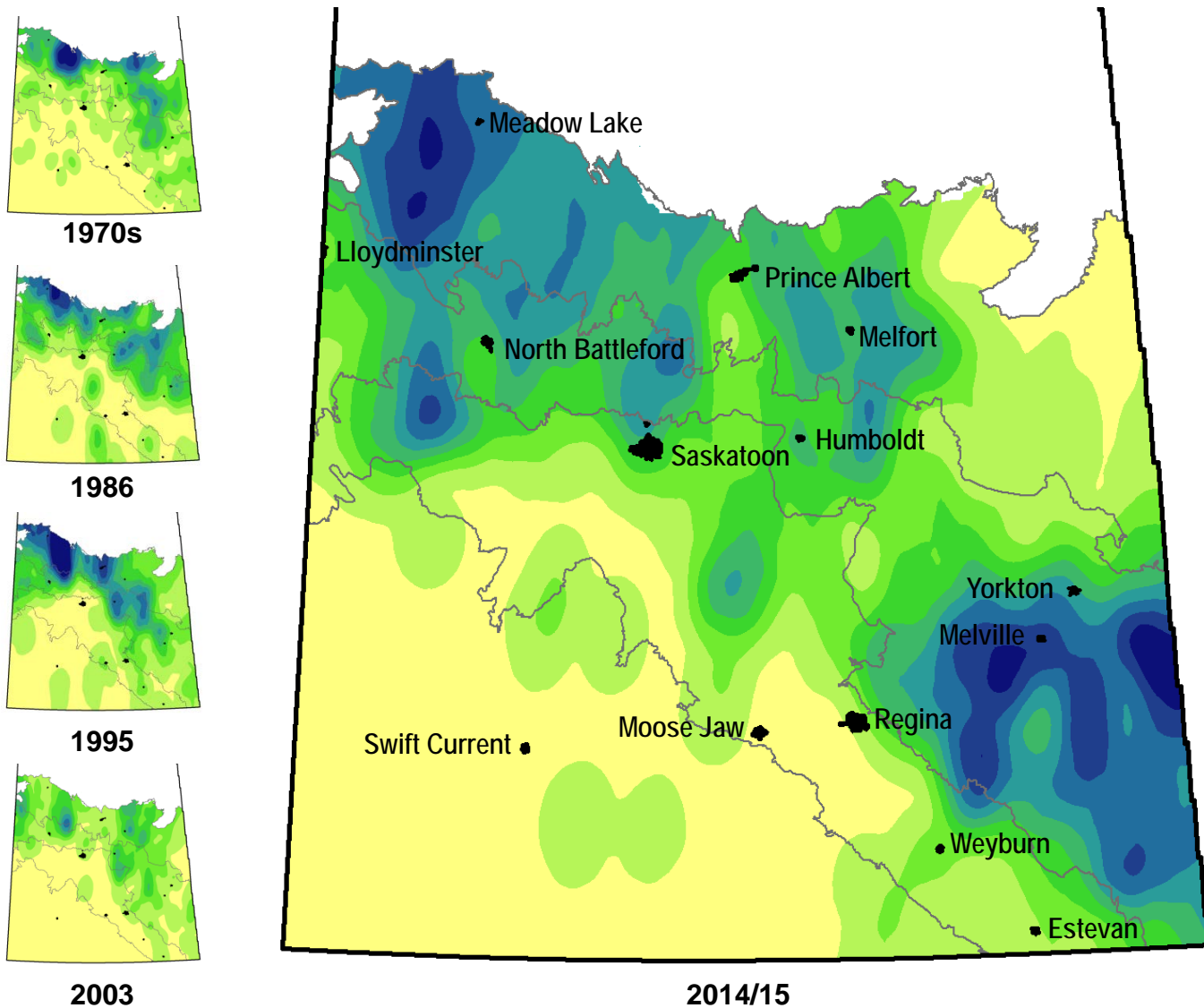
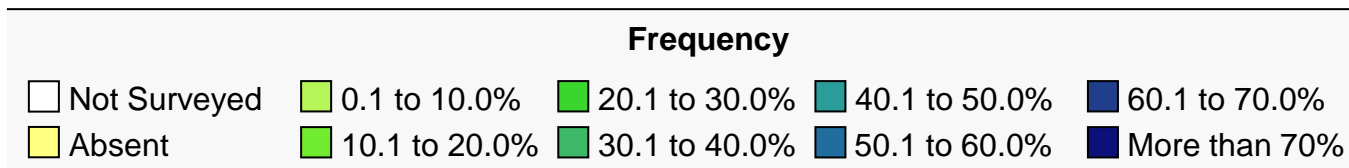
2003



2014/15

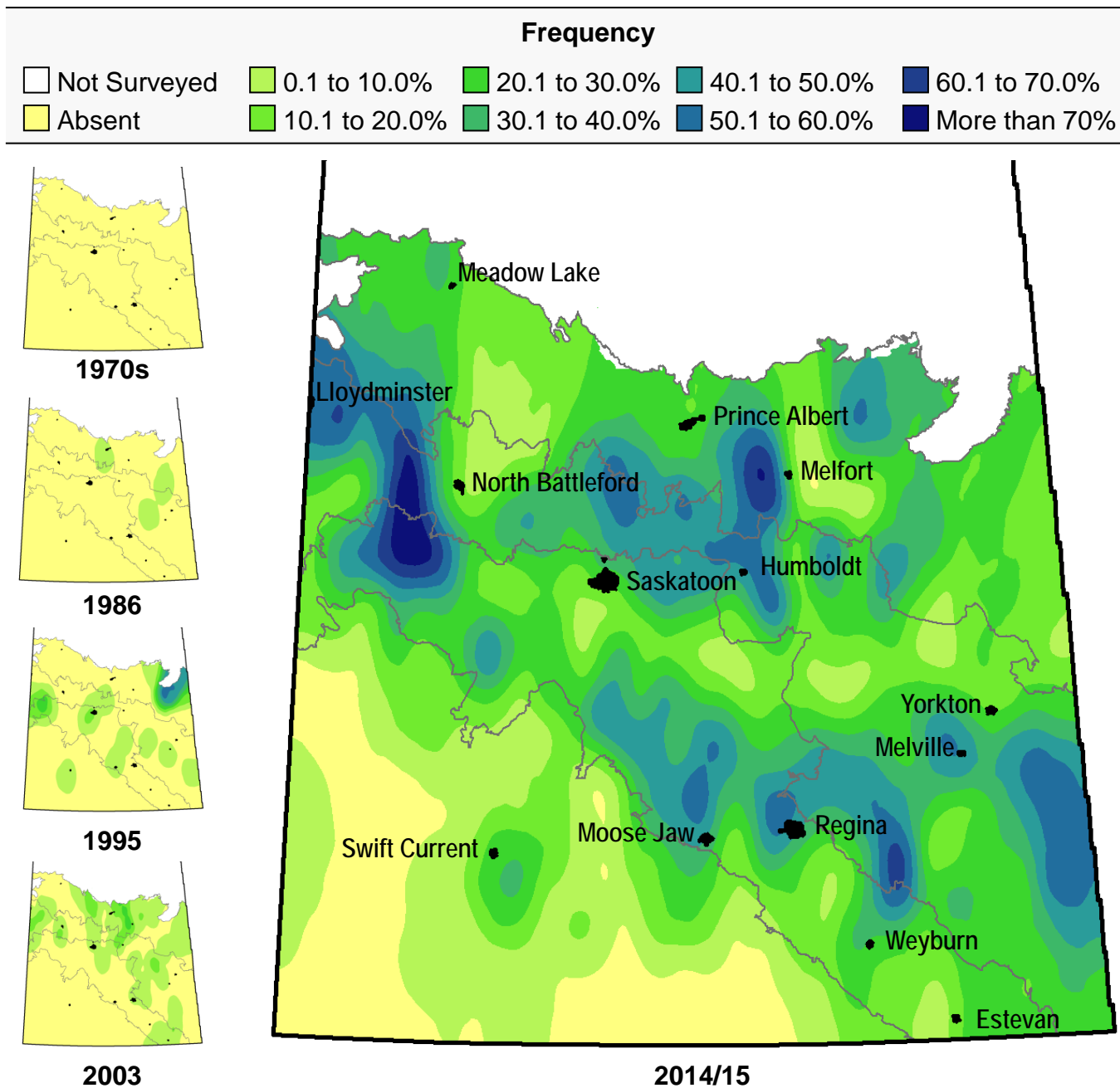
Survey	Rank	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1976-79	6	41.4	13.1	31.6	3.0	7.3	195.8	16.7
1986	5	24.9	6.8	27.3	1.6	6.4	174.4	13.5
1995	8	24.1	5.1	21.0	0.9	3.6	138.0	10.0
2003	10	12.6	3.1	24.3	0.6	4.7	113.4	8.4
2014-15	30	6.3	1.4	22.4	0.2	3.2	83.6	2.2

Shepherd's-purse, *Capsella bursa-pastoris*



Survey	Rank	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1976-79	16	8.4	2.1	25.3	0.5	6.1	128.0	3.0
1986	9	11.8	2.9	24.4	1.0	8.6	216.8	6.8
1995	12	13.9	3.0	21.8	0.6	4.2	62.6	6.1
2003	18	6.6	1.3	19.2	0.2	2.5	27.6	3.4
2014-15	14	18.6	4.7	25.3	0.8	4.4	96.8	7.3

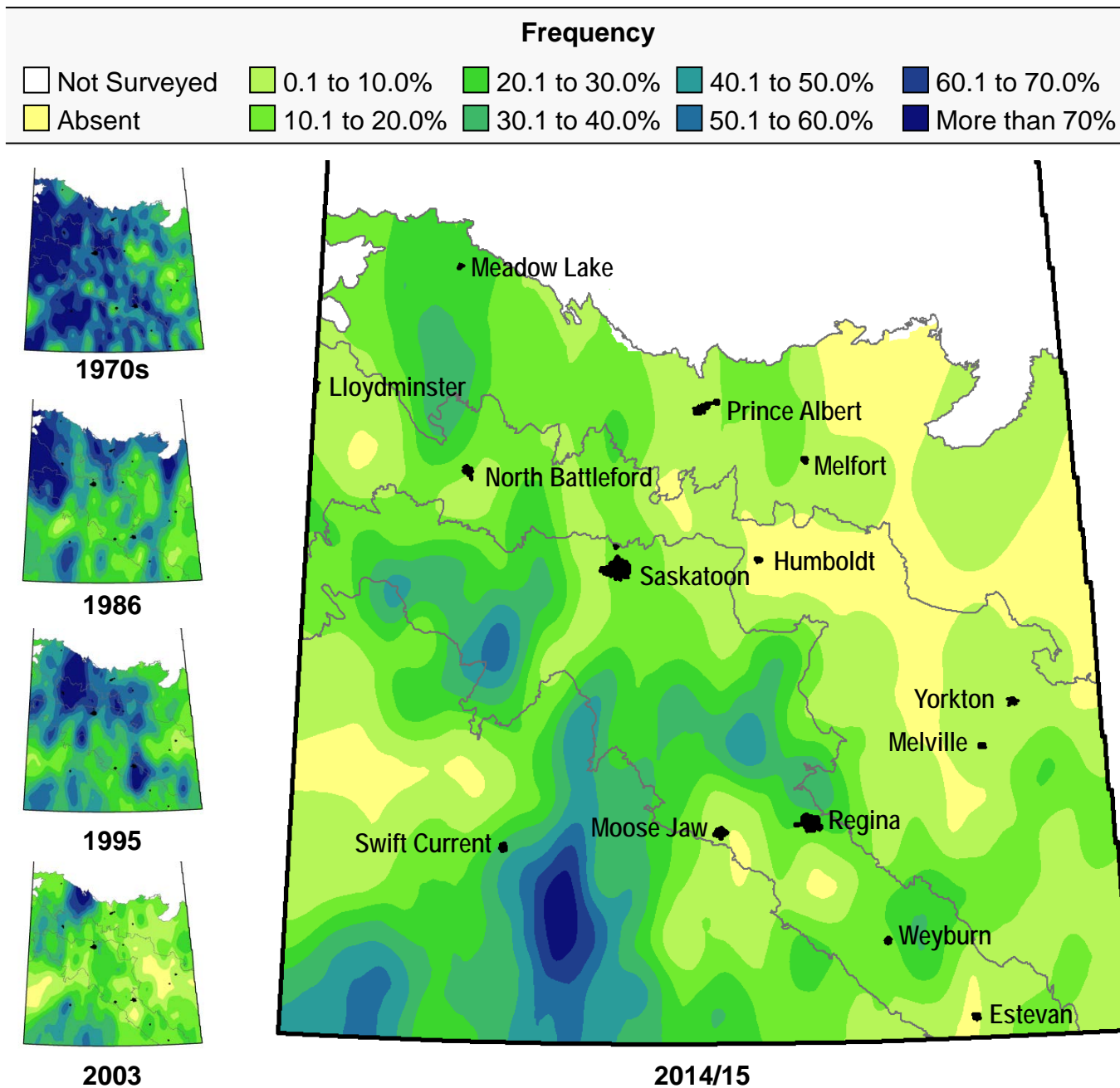
Spiny annual sow-thistle, *Sonchus asper**



Survey	Rank	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1976-79	-	-	-	-	-	-	-	-
1986	72	0.3	< 0.1	15.6	< 0.1	0.7	1.2	0.1
1995	50	1.8	0.2	11.5	< 0.1	0.8	4.2	0.5
2003	34	2.2	0.3	15.5	< 0.1	1.6	13.6	1.0
2014-15	6	24.4	6.7	27.4	1.4	5.8	545.2	10.6

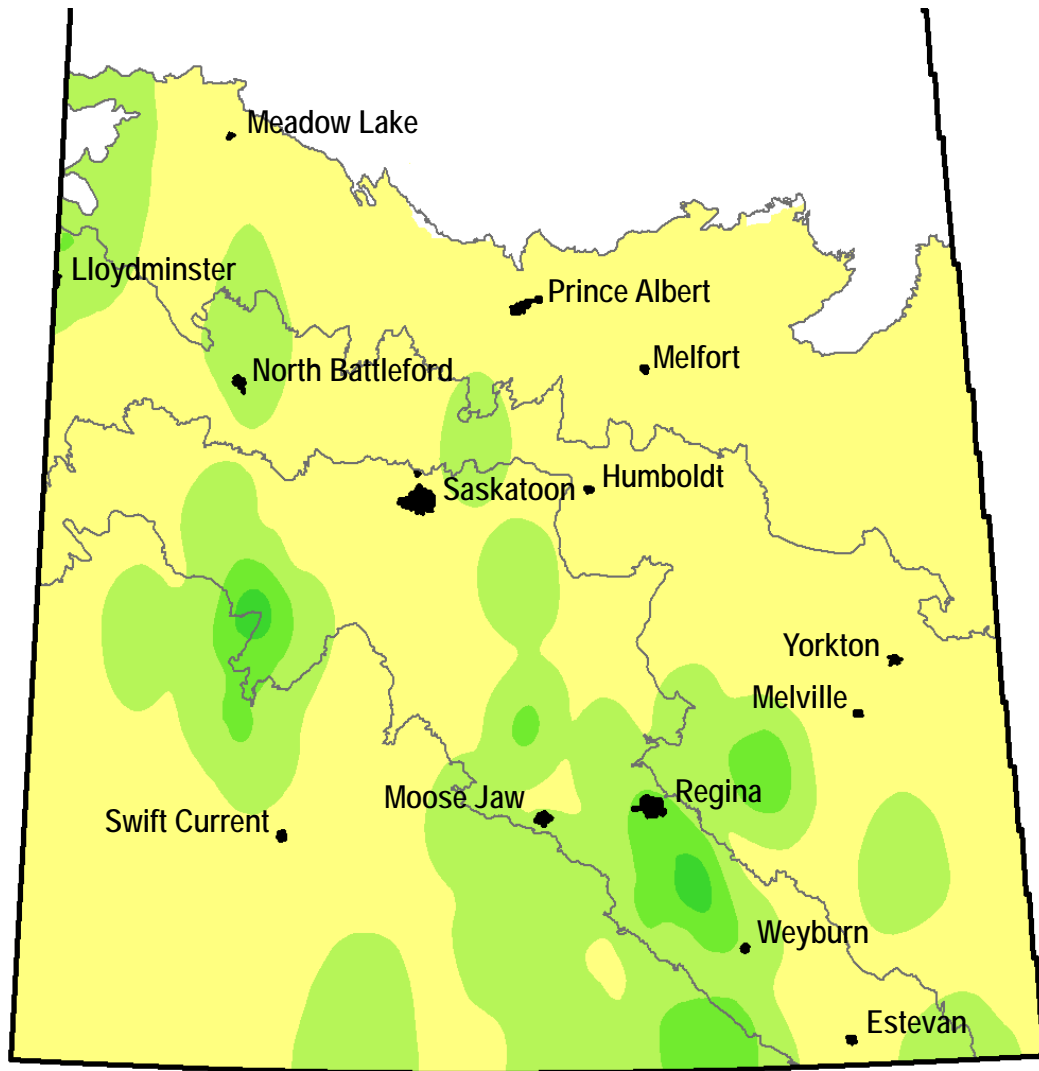
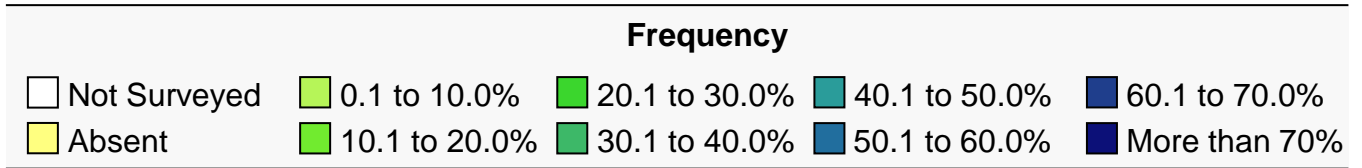
* May include annual sow-thistle in 1986 and 1995 (*S. oleraceus*)

Stinkweed, *Thlaspi arvense*



Survey	Rank	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1976-79	4	56.4	16.0	28.3	4.0	7.1	298.6	21.7
1986	4	38.4	9.6	25.1	3.1	8.0	793.4	21.6
1995	4	40.7	11.2	27.5	2.8	6.8	348.2	22.7
2003	6	18.5	3.9	21.0	1.0	5.3	198.0	12.0
2014-15	11	15.6	4.1	26.6	1.6	10.1	449.8	8.3

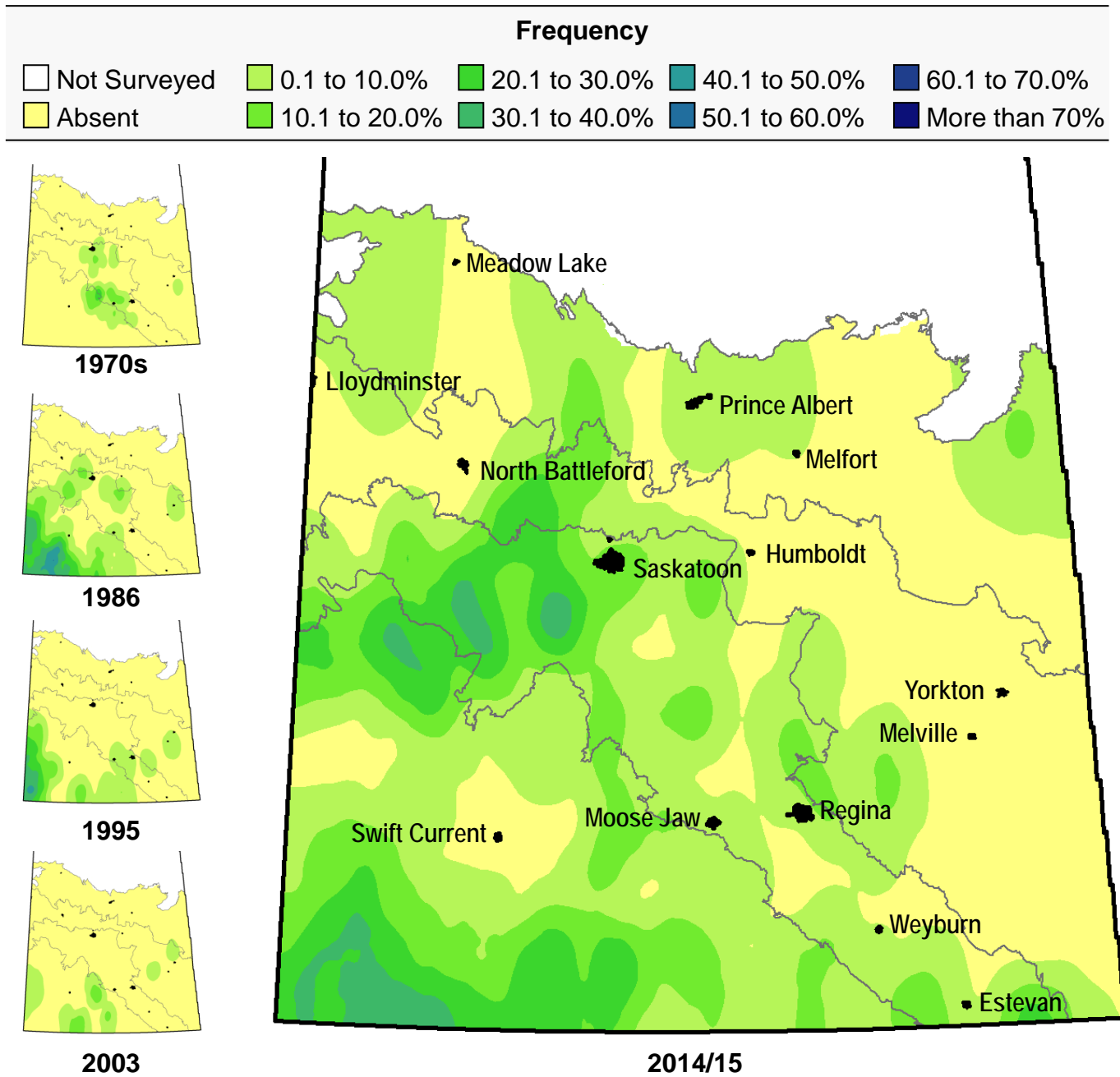
Thyme-leaved spurge, *Euphorbia serpyllifolia**



2014/15

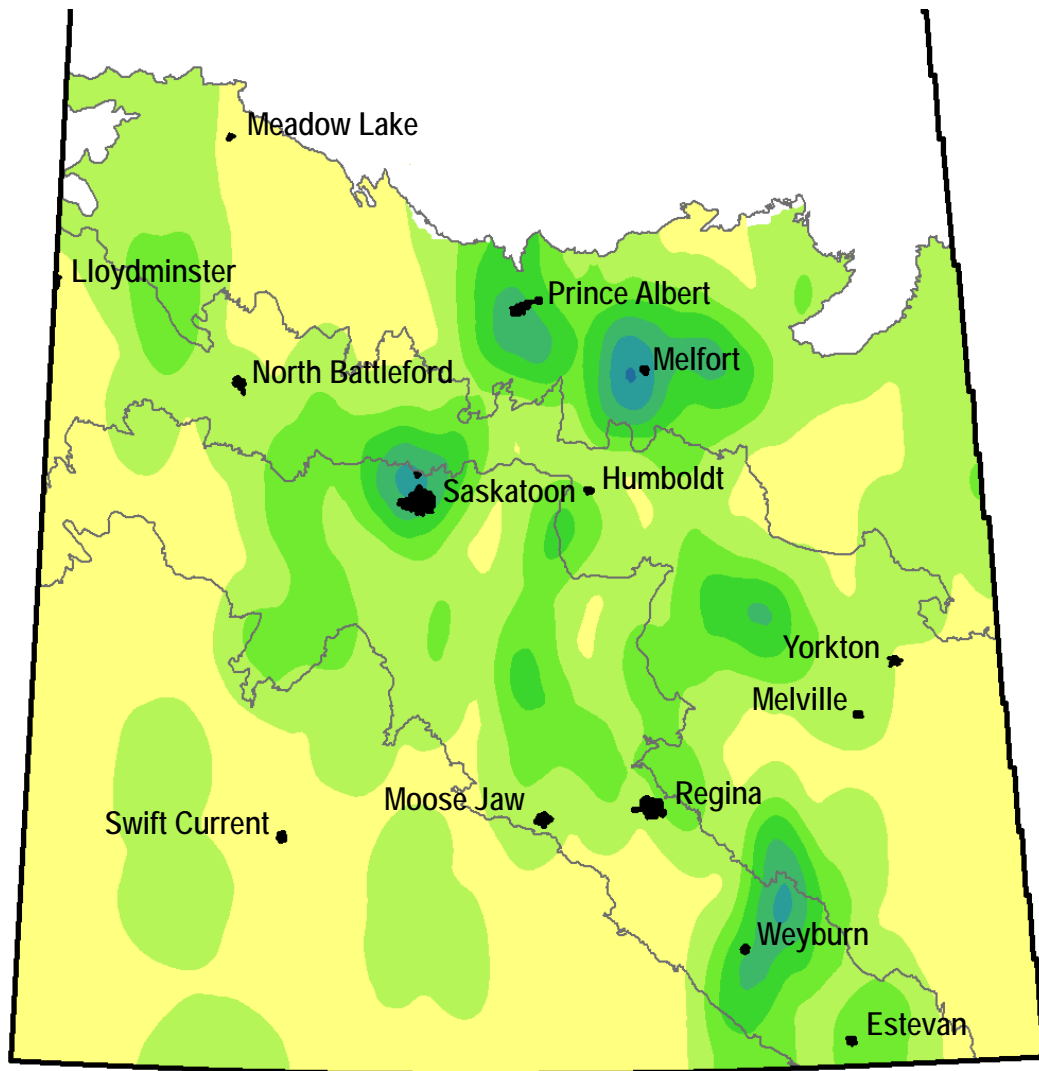
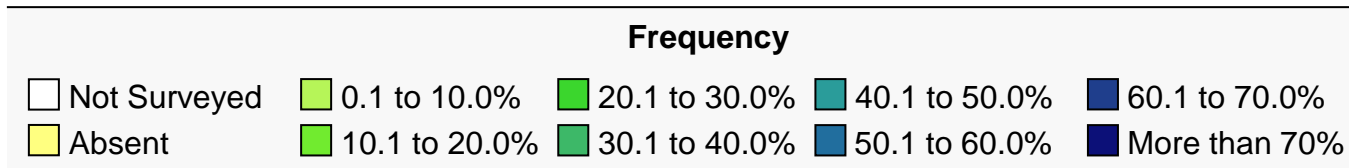
* See annual spurge species for previous survey maps

Tumble pigweed, *Amaranthus albus*



Survey	Rank	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1976-79	49	0.9	0.1	15.9	< 0.1	2.8	104.0	0.2
1986	31	3.3	0.8	24.6	0.1	2.5	16.6	1.4
1995	44	1.7	0.3	18.0	< 0.1	1.9	11.0	0.6
2003	46	0.6	0.1	21.6	< 0.1	8.2	43.8	0.4
2014-15	32	6.5	1.1	16.7	0.2	3.1	176.6	2.0

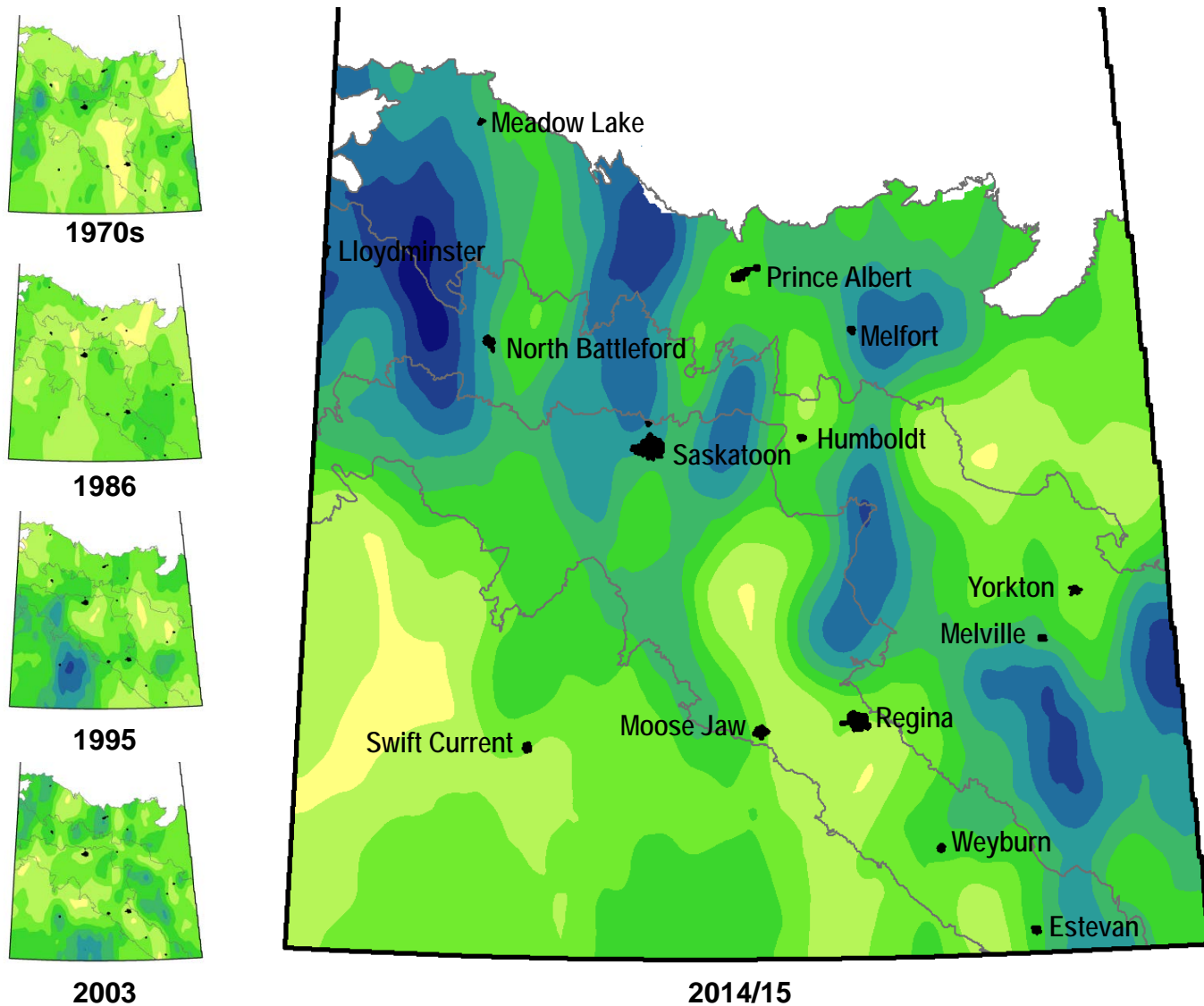
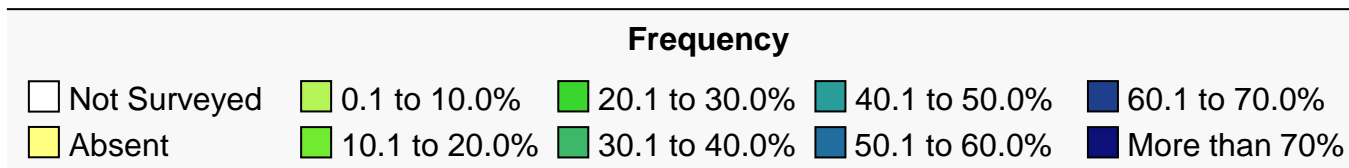
Western barnyard grass, *Echinochloa muricata**



2014/15

* See barnyard grass species for previous survey maps

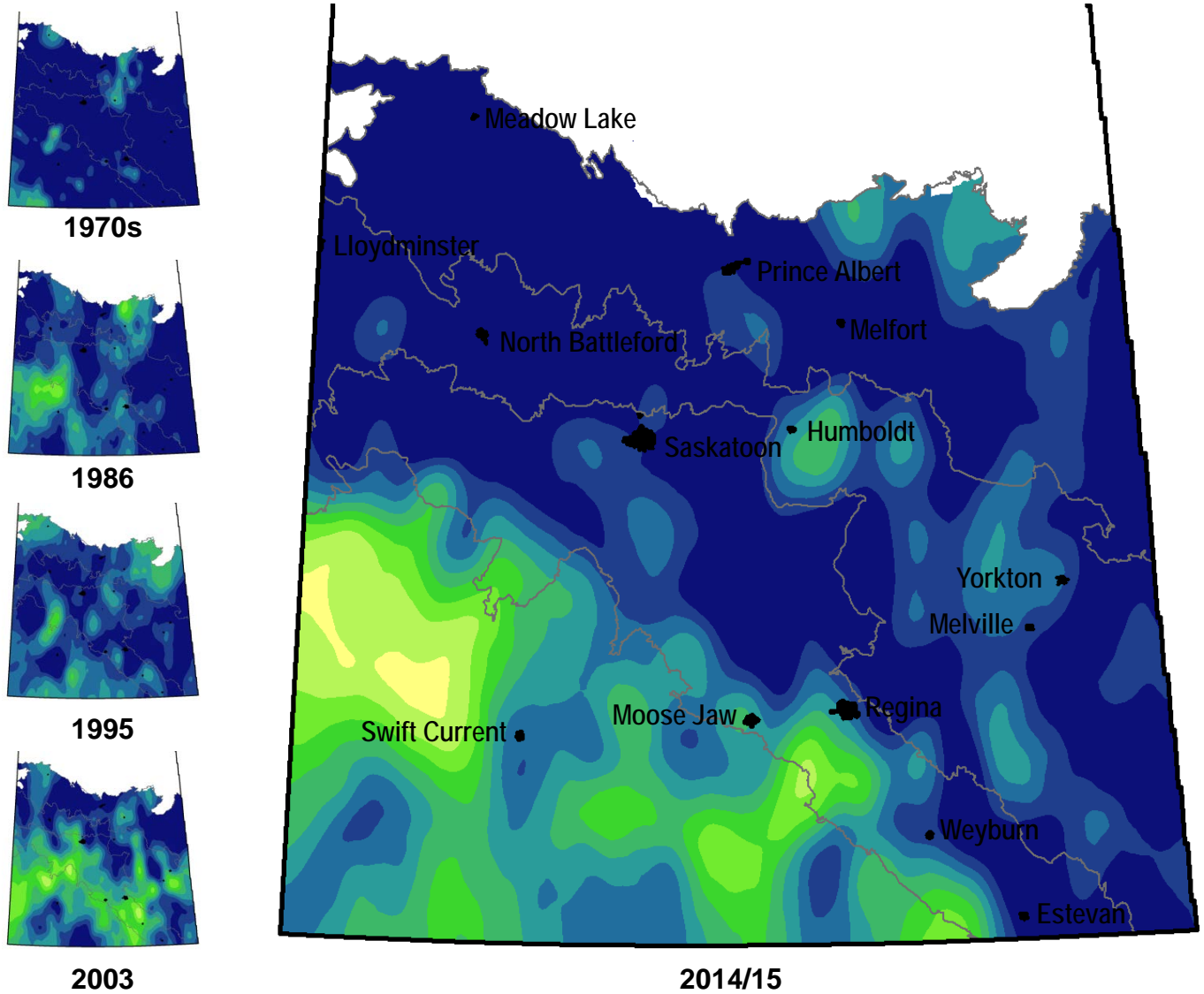
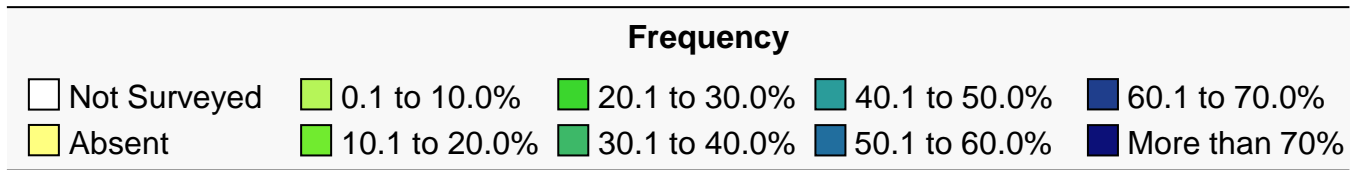
Wheat, *Triticum aestivum**



Survey	Rank	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1976-79	24	5.0	1.2	24.8	0.2	4.1	55.4	1.6
1986	26	3.9	1.0	26.5	0.2	4.6	43.8	1.9
1995	20	10.1	1.6	15.8	0.2	1.7	137.0	3.2
2003	9	10.2	3.0	29.7	0.8	7.9	280.8	8.5
2014-15	13	18.2	5.5	30.3	0.8	4.7	108.0	7.7

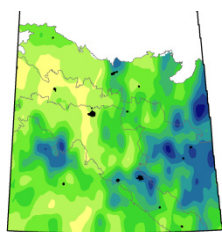
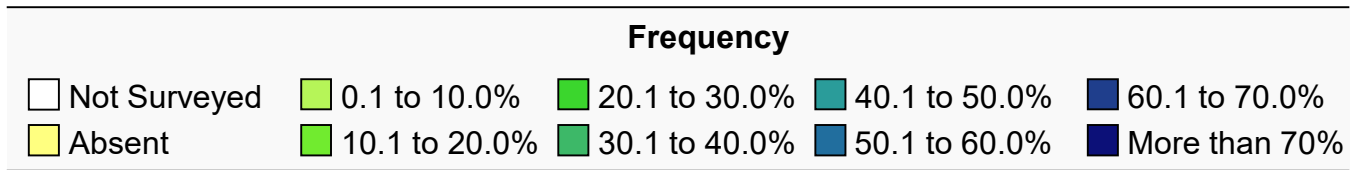
* Includes durum (*T. durum*)

Wild buckwheat, *Fallopia convolvulus*

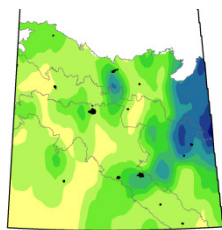


Survey	Rank	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1976-79	3	82.4	37.3	45.3	5.5	6.7	154.8	37.7
1986	3	65.5	20.7	31.6	2.4	3.7	58.0	33.3
1995	3	64.2	21.0	32.7	2.5	3.9	167.6	32.2
2003	3	49.7	13.0	25.9	1.4	2.8	94.4	29.8
2014-15	3	60.0	19.0	31.7	2.0	3.3	56.8	24.0

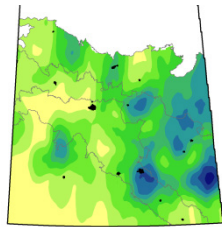
Wild mustard, *Sinapis arvensis*



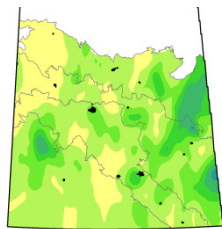
1970s



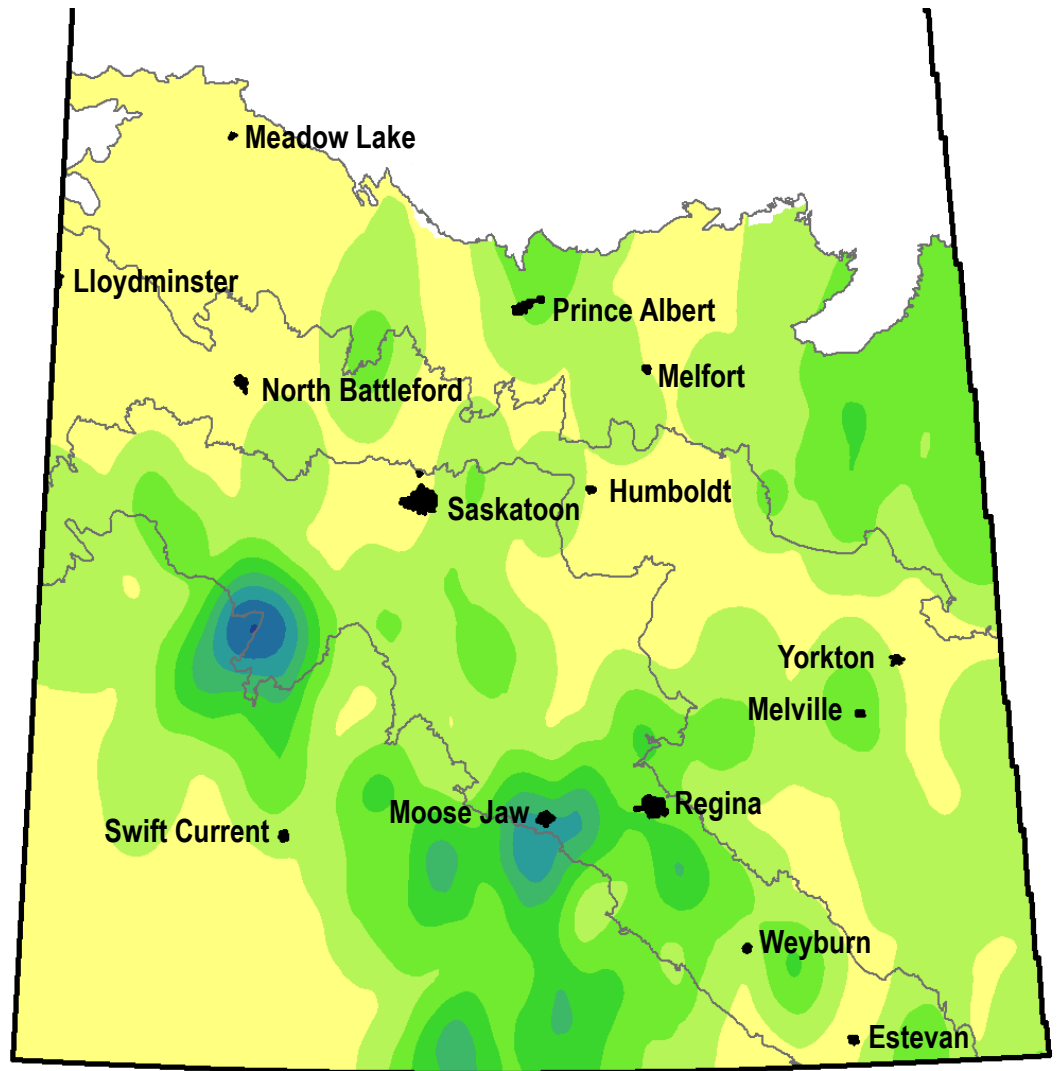
1986



1995



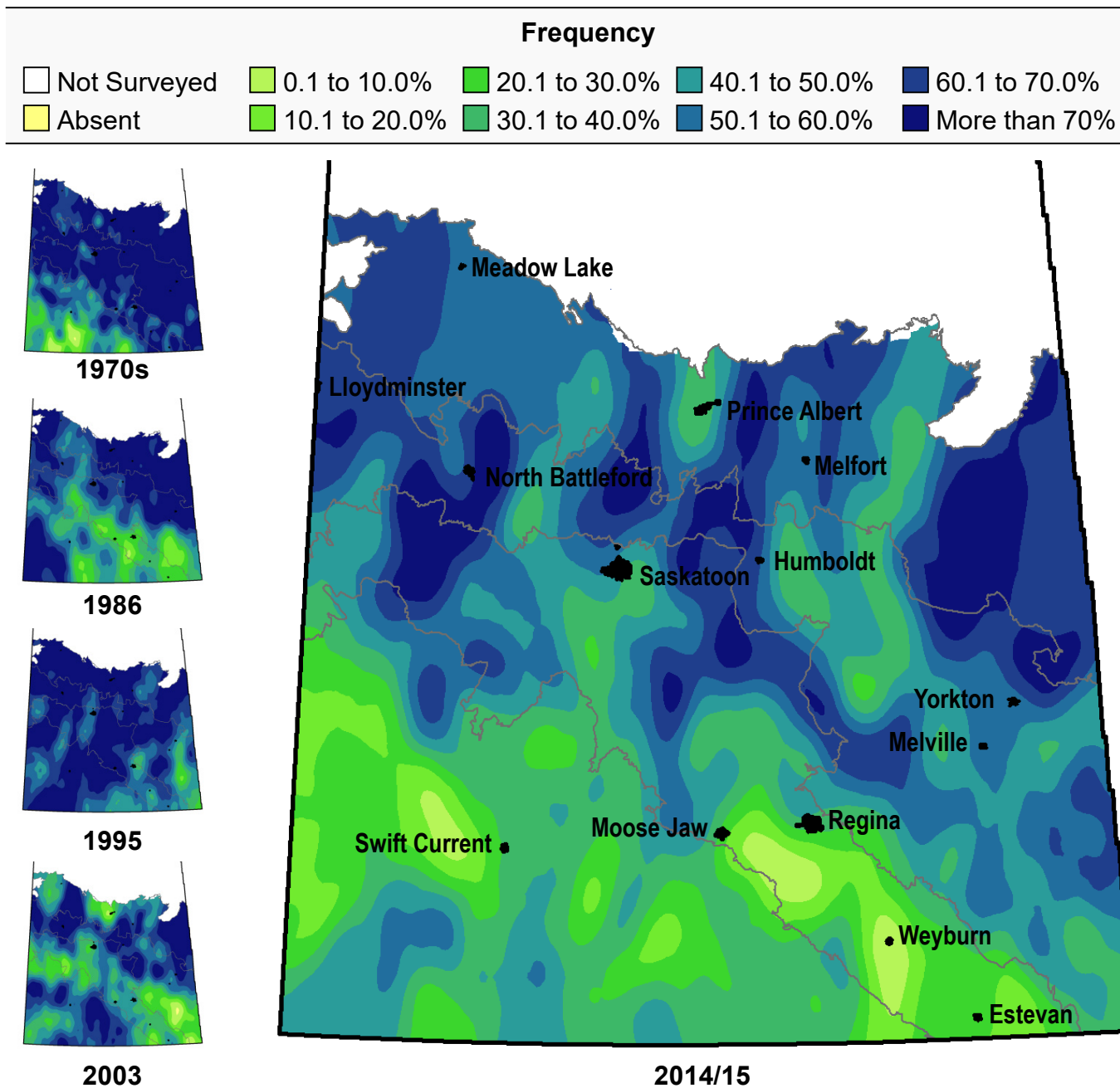
2003



2014/15

Survey	Rank	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1976-79	9	22.6	5.1	22.7	0.8	3.4	105.0	6.8
1986	11	13.3	2.6	19.8	0.6	4.2	111.2	5.8
1995	9	18.8	4.3	23.1	0.5	2.6	37.4	7.4
2003	15	7.5	1.4	18.8	0.2	3.2	96.0	4.1
2014-15	21	7.6	2.5	32.9	0.6	8.6	259.6	4.0

Wild oats, *Avena fatua*



Survey	Rank	Frequency (%)	Field Uniformity		Field Density (#/m ²)			Relative Abundance
			All	Occurrence	All	Occurrence	High	
1976-79	2	71.0	28.3	39.8	10.2	14.3	564.2	39.5
1986	2	57.1	17.4	30.5	4.5	7.8	187.4	34.2
1995	2	68.3	19.6	28.7	5.1	7.5	248.0	40.3
2003	2	51.5	16.9	32.7	3.9	7.5	352.2	43.8
2014-15	2	45.7	16.6	36.3	3.8	8.3	168.4	24.9