

yield

2018

M A N I T O B A



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Soybeans gain ground — and new MASC coverage

By Mike Street, MASC

When the Manitoba Agricultural Services Corporation (MASC) first introduced the Insurance Test Areas (ITAs) for areas previously deemed uninsurable, few could have predicted how producers would react to their new growing options.

Five growing seasons later, their reactions can be (almost) summarized by one word: soybeans.

In 2013, soybeans and other crops were given coverage in the ITAs. With no previously established probable yields to rely on, MASC assigned coverage in the ITAs at 80 per cent of coverage of the next lowest yielding area for that crop.

Producers with land in the ITAs immediately put soybeans (and to a lesser extent, grain corn) into their crop rotations. Other crops eligible for ITA coverage — dry edible beans, sunflowers, open pollinated corn, and lentils — have yet to amount to significant acreages.

The remarkable uptake of ITA soybeans began with producers planting 21,503 acres in 2013 and 27,842 acres in 2014 (see Table 1). After that, ITA soybean acres roughly doubled each year, and based on Seeded Acreage Reports, almost 195,000 acres of ITA soybeans were grown in 2017.

“We really have to credit the producers,” said David Van Deynze, MASC vice-president of insurance operations. “MASC provided the coverage, but it was the producers who took the initiative to grow a new crop in a new area. We’re happy to enable that kind of motivation and success.”



PHOTOS: THINKSTOCK

Table 1: Annual ITA Acres by Crop

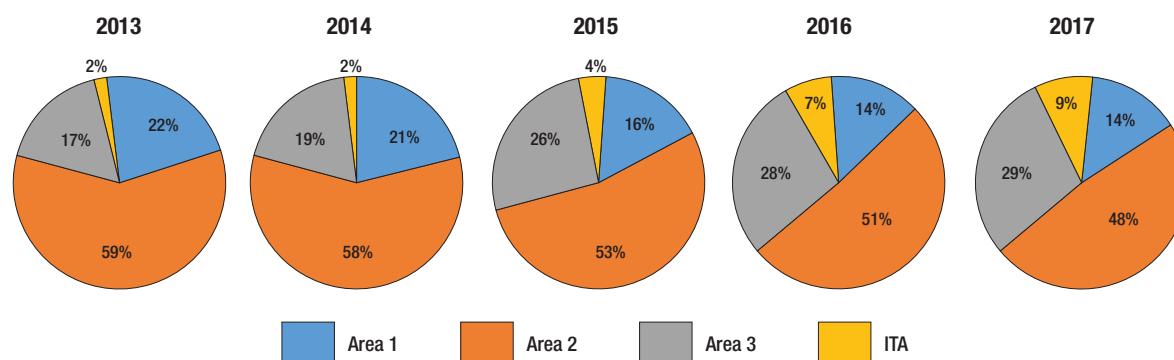
Crop	2013	2014	2015	2016	2017*	Average
Soybeans	21,503	27,842	59,095	103,959	194,104	81,301
Grain Corn	1,960	403	2,849	3,111	5,472	2,759
Oil Sunflowers	244	0	0	560	30	167
Non-Oil Sunflowers	0	0	0	155	0	31
White Pea Beans	0	1,474	0	540	225	448
Black Beans	144	0	0	0	230	75
Pinto Beans	0	0	0	0	480	96
Open Pollinated Corn	0	0	50	162	15	45
Lentils	0	0	0	140	306	89
Total ITA Acres	23,851	29,719	61,994	108,627	200,862	85,011

No acres were insured for any of the other ITA eligible bean crops; kidney, cranberry, small red or other bean types.

* Preliminary data for 2017 - from SAR

Table 2: Soybean Yields (bu./ac.) by Crop Area (2013 – 2016)

Year	All Province	Area 1	Area 2	Area 3	ITA
2013	38.5	41.3	38.8	34.6	31.6
2014	33.3	36.5	33.0	31.6	26.3
2015	38.3	38.0	40.1	35.1	38.2
2016	42.0	43.2	42.7	40.9	38.6
Average	38.0	39.8	38.6	35.5	33.7

Figure 1: Soybean Acres by Crop Area (2013 – 2017)

ITA soybean yields over the past five years quantify their success. As shown in Table 2, the gap between ITA and Area 3 yields is slowly diminishing with each passing year. On average, ITA soybeans ran at 33.7 bushels per acre, compared to the Area 3 yields of 35.5 bu./acre, and an overall provincial soybean average of 38 bu./acre.

The addition of nearly 195,000 soybean acres has shifted the relative acreages of soybeans across Manitoba. As shown in Figure 1, ITA soybean acres accounted for only two per cent of total soybean acres in 2013. In 2017, ITA soybean acres accounted for nine per cent of total soybean acres. Soybean Area 3 has also seen remarkable growth in this period, rising from 17 to 29 per cent of Manitoba's total soybean acreage.

However, we can't pass all the credit for ITA soybean successes onto MASC for giving coverage and the adoption of a crop previously uninsurable in the area. The 'science of soybeans' has also played a role.

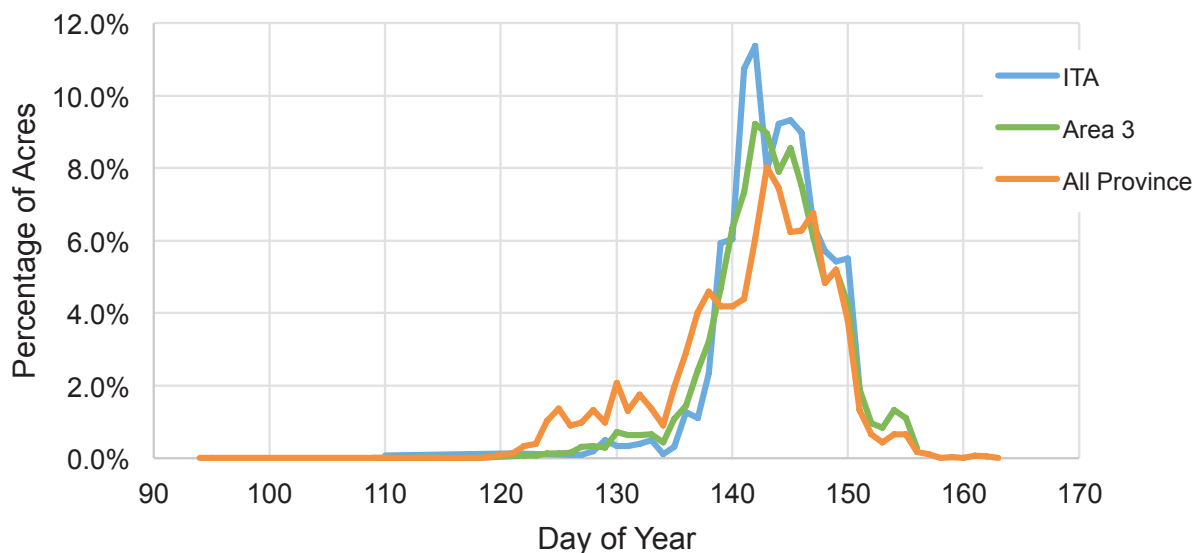
New soybean varieties were introduced in the same period (2013-17), including those with lower relative days to maturity (RDM). Farmers with land in the soybean ITA have been keen to choose these varieties, and while the RDM for varieties grown in the rest of the province has remained constant, the RDM of soybean varieties selected for growing in the ITA has decreased every year. In 2013, ITA varieties took an average of 114 days to mature; in 2016, the RDM of ITA varieties had decreased to just 110 days.

Along with choosing earlier maturing varieties, ITA



Continued on next page

Figure 2: Average Soybean Seeding Date by Percentage Share of Acres (2013 – 2016)



Given the superb performance of Soybeans in the ITA, MASC has gone ahead with creating 'Soybean Area 4' for the 2018 growing season. Figure 3 illustrates the new Soybean Area 4.

Continued from previous page

producers have been diligent in getting on the land early to put seed in the ground, most likely due to the area's narrow seeding 'window'. As shown in Figure 2, the peak date of seeding in the ITA occurred on Day 142 (approximately May 22) — two days earlier than the provincial average.

Given the superb performance of Soybeans in the ITA, MASC has gone ahead with creating 'Soybean Area 4' for the 2018 growing season. Figure 3 illustrates the new Soybean Area 4.

To a producer, this upgrade means that premium rates and probable yields in the area will now be derived using the same methodology as the other areas. Soybeans in the new Area 4 will no longer be subject to a fixed percentage of coverage in relation to Area 3, though Area 4 will remain without an extended seeding period.

So what can be said about other ITA crops? Obviously, none have had a dramatic uptake like soybeans. Grain corn, a distant second to soybeans, has averaged nearly 2,800 acres in its ITA, equal to about one per cent of grain corn acres grown in Manitoba. Interestingly, despite a poor year for ITA grain corn in 2014, yields from this ITA have actually outperformed those in Area 3 in 2015 and 2016.

Of course, no crop in any region of Manitoba is guaranteed success just because MASC offers insurance. Producers always need to research their choices and select appropriate crops and varieties for their farm, regardless of the availability of insurance coverage.



Grain corn, a distant second to soybeans, has averaged nearly 2,800 acres in its ITA, equal to about one per cent of grain corn acres grown in Manitoba

For now, grain corn and the other ITA crops will remain 'test' crops in areas outside their traditional areas. MASC will continue to monitor the success of these crops.

Soybeans, on the other hand, have found a new home in which to flourish.

[illegible]

Using dicamba in soybeans, safely

By Tom Wolf, Sprayers101.com

In 2017, soybean growers across North America obtained a new weed control option to address glyphosate-resistant broadleaf weeds — dicamba.

Xtend traited soybean varieties are resistant to this herbicide. Dicamba is hardly new, and has been widely used in cereal crops and corn for decades, but at lower rates. In Manitoba, the presence of glyphosate-resistant kochia, the recent appearance of waterhemp, and the continued progress of palmer amaranth northward into North Dakota creates a sense of urgency to control these weeds known to develop glyphosate resistance. Dicamba represents the newest option for Manitoba growers.

The introduction of Xtend beans is not without controversy. In 2017, 20 million acres of Xtend beans were seeded in the U.S. (out of a total 90 million soybean acres), and by the end of October, state authorities had received about 2,700 official dicamba drift complaints, with 3.6 million acres affected. This is the largest account of herbicide drift in memory, and has already resulted in additional use restrictions in the U.S. It may even mean that their registration will cease at the end of 2018.

Dicamba has two characteristics that make drift control imperative. The first is that non-Xtend trait soybeans (and many vegetable and ornamental plants) are extremely sensitive to dicamba. Research from the U.S. shows that rates as low as 1/15,000 of the Canadian label rate can show leaf-cupping symptoms. Yield effects depend on other factors such as plant growth stage, with early-flowering stages being most sensitive. This sensitivity is much greater than 2,4-D on broadleaf crops, or even Group 2 products on canola, which Manitoba growers are familiar with.

The second characteristic is volatility. Dicamba acid (the active ingredient) is inherently volatile. Although recent improvements in its salt formulations (Monsanto's XtendiMax, BASF's Engenia, and DuPont's FeXapan) have significantly decreased vapour losses, experiences in the U.S. and in some parts of Canada suggest that vapour movement is responsible for at least some of the damages observed in 2017.

What can be done to prevent problems? First, let's review the labels for the new dicamba products.

Companies worked closely together to create very similar application requirements. They are:

1. Apply with Extremely Coarse (XC) or Ultra Coarse (UC) sprays only. Nozzle manufacturers have published their spray qualities to help identify appropriate nozzles and pressures. Be cautious with pressure, and avoid pressures that are so low that they result in collapsed spray patterns.
2. Apply in no less than 100 l/ha. Since dicamba is likely to be applied in a tank mix with glyphosate (which is often applied at lower water volumes), this represents a departure from that habit. It's good practice when applying extremely coarse sprays to add water so that coverage can be maintained.
3. Do not add Ammonium Sulphate (AMS), a common water conditioner with glyphosate, or acidifying adjuvants, to a tank containing dicamba. These additives dramatically increase volatility.
4. Apply at sprayer travel speeds no more than 15 m.p.h. This is good practice for any application.
5. Maintain boom heights at 50 cm or lower. Such low heights may be difficult to achieve with suspended booms on high-clearance sprayers, and slow travel speeds will help.
6. Apply at no less than three, and no more than 15 km/h wind speed. Do not spray under inversion conditions or during fog. Studies have shown that about 80 per cent of summer nights have inversions. Avoid these by spraying during the day, one or two hours after sunrise and before sunset, during slight breeze.
7. Limit application to cool days (15 to 25 C), and do not apply if forecast temperatures are to reach 30 C the following day. These precautions are related to vapour losses, which increase with temperature.
8. Observe a four-metre buffer zone (dicamba alone) or 15 metre (when mixed with glyphosate). These buffers are not intended to protect neighbouring soybeans, but sensitive ecosystems. Significantly greater buffer zones may be required when applying dicamba upwind of non-Xtend beans. Or better yet, do not apply dicamba if winds blow towards nearby sensitive soybeans.

Taken together, these application restrictions are the most stringent we have ever seen on a Canadian herbicide label. They serve to address primarily droplet drift, as can be seen from an emphasis on droplet size, water volume, boom height, and wind and travel speeds.

An important additional aspect of good dicamba stewardship is attention to vapour drift. Although not explicitly mentioned on the label, the prohibition of certain tank mixes and the cool temperature requirement are all about vapour.

Droplet drift occurs during, and at most minutes after application. In contrast, vapour drift can occur during and long after application, up to three days later! Volatile products can evaporate from a liquid, or from a solid (called sublimation). Freezer burn is a good example of water sublimation, as ice cubes will eventually disappear in a freezer.

Vapour loss poses a special dilemma for dicamba. It's known to occur, but regulators and registrants believe that the level of vapour drift is below the level of concern thanks to the new formulations. The experience on the ground in the U.S. suggests that vapour drift is indeed involved.

Unfortunately, it's very difficult to find a good day to apply dicamba if safety is constrained by wind direction and air temperature tomorrow, the day after tomorrow, or another day later. How can we know with certainty that the application will remain safe, and that the dicamba will stay where it was applied?

The Canadian experience in 2017 is quite different from that of the U.S. Canadian soybeans did not see record drift damage. This can be attributed to four main differences.

Research from the U.S. shows that rates as low as 1/15,000 of the Canadian label rate can show leaf-cupping symptoms

1. Canadian dicamba label rates are about 50 per cent lower than U.S. rates. Less product means less potent drift.
2. Canadian temperatures are lower than U.S. temperatures. Whereas most summer days in the southern Soybean Belt of the U.S. will see 30 C regularly, such heat remains rare during the Manitoba spray season.
3. The Canadian industry (registrants, provincial, and university specialists) has recommended early-season dicamba sprays only, emphasizing pre-seed burn-off or pre-emergence applications. This places the application earlier in the season when beans have not yet emerged and temperatures are low.
4. The adoption of low-drift sprays is higher in Canada than the U.S.

Some of these advantages may disappear with a hot June or delays in soybean planting, so applicators need to remain cautious.

Dicamba is a useful new tool for soybeans. Its careful use, considering all alternatives, will be key to retaining it as an option when we need it.



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Despite dry weather Manitoba's 2017 harvest set many new yield records

By Allan Dawson, Co-operator staff

It's difficult to pick an adjective to describe Manitoba's 2017 grain and oilseed production.

Stupendous, superb, staggering. They're all appropriate.

So is surprising.

Most of Manitoba received close to average corn heat units, but rainfall during the growing season was well below average. Yet collectively, Manitoba farmers harvested another bumper crop — the fifth in a row.

Many new provincial average yield records were set, including red spring wheat at 66 bushels an acre, canola (47), feed wheat (80), oats (121), field peas (53), flax (30) and non-oil and oil sunflowers at 2,244 and 2,103 pounds an acre, respectively (see Table 1).

Barley, which averaged 80 bushels an acre province-wide, tied the record set in 2013. As impressive as yields were on the whole, there were exceptions, including in the municipality of Kelsey around The Pas. Normally about 50,000 acres of land is seeded in Risk Area 16, but in 2017 it fell to around 5,000 due to excess moisture. And what was planted didn't do well with red spring and canola yields averaging a disastrous 15 and six bushels an acre, respectively.

Most of Manitoba was much more fortunate.

"It's a shocker," said Doug Wilcox, Manitoba Agricultural Services Corporation's (MASC) manager of research administration.

"I don't think I, or anyone else, has a complete explanation as to why that happened, other than the standard answer that there was good soil moisture in the spring and timely enough rains through the year. Beyond that it's amazing what we got."

The lack of thunderstorms had an upside — less hail. Manitoba hail insurers had a loss ratio of 46 per cent in 2017 versus 160 per cent in 2016, which was a record hail year, Wilcox said.

Of the 13 crops *Yield Manitoba* tracks annually based on MASC's crop insurance data, there were eight new provincial yield records set and one tie.

Paul Bullock, head of the University of Manitoba's

soil science department, expected a good crop, but not this good.

"I wouldn't have expected that many records, quite honestly," he said. "Even with the wheat and the canola I would've expected them to be good, but maybe not right to the top. That's really astounding."

"I have to admit I am surprised there was that many (crops) that did that well. I wouldn't have thought that."

Of those 13 crops, all but three — winter wheat, soybeans and grain corn — exceeded the 2016 average yield, which by the way, were records.

All but two of those crops — soybeans and corn — exceeded the 10-year average.

2017 saw the most yield records since at least 2008, with 2013 being the next best with seven records and two ties.

RECORDS PLUS

Not only were many new records set in 2017, but some were shattered.

Oat yields were shockingly high, averaging 121 bushels an acre — 30 per cent above the 10-year average and smashing the previous record of 107 set in 2013 and matched in 2016.

The previous record average provincial yield for red spring wheat, which covers the Canadian Western Red Spring (CWRS) class, was 61 bushels an acre set in 2013.

The previous canola record was 43, also set in 2013.

Winter wheat, which averaged 60 bushels an acre, was under the 10-year average of 66.

Wilcox suspects freezing rain in February hurt many winter wheat crops. There were only 500 reseeding claims, well below average, but 60 per cent of them were for winter wheat, he said.

In 2017, MASC estimated there were around 133,000 acres of winter wheat, but its data shows less than 52,000 were harvested.

Continued on page 12



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Table 1: 2017 YIELDS OF SELECTED INSURED MANITOBA CROPS

Crop	2017 Yield bushels/acre	2016 Yield	Per Cent Change	10-Year Average	% Difference	New Record in 2017	Previous Record Yield	Year of Previous Record
Argentine Canola	47	40	+12	36	+31	Yes	43	2013
Red Spring Wheat	66	52	+27	49	+35	Yes	61	2013
Winter Wheat	60	72	-17	65	-8	NO	72	2016
Feed Wheat	80	65	+23	65	+23	Yes	78	2013
Soybeans	34	42	-19	36	-6	NO	42	2016
Barley	83	72	+15	65	+32	TIED	83	2013
Oats	121	107	+13	93	+30	YES	107	2013
Grain Corn	134	145	-8	118	+14	NO	145	2016
Field Peas	53	35	+51	39	+36	YES	49	2009
Flax	30	22	+36	22	+36	YES	28	2013
White Pea Beans	2,009 lbs/acre	1,870	+2	1,648	+22	NO	2,214	2012
Non-Oil Sunflowers	2,244 lbs/acre	1,494	+50	1,500	+50	YES	2,192	2012
Oil Sunflowers	2,103 lbs/acre	1,635	+29	1,610	+31	YES	2,059	2013

Source: Manitoba Agricultural Services Corporation, necessary calculations.

Data is based on access to 99.9 per cent of farmers' aggregated 2017 crop insurance reports. To protect farmers' privacy MASC doesn't make public yields unless the data comes from 500 or more acres. The data here doesn't include organic or pedigreed crops. Yields and acreage figures accessed online through MASC's website are subject to revision and may differ from those presented here. Ten year averages are from 2007 to 2016.

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Winter wheat is well known for tillering, but it can only recover so much, Pam de Rocquigny, general manager of the Manitoba Wheat and Barley and Corn Growers' associations, said.

Winter wheat acres have been sliding as CNHR and CWRS wheat yields improve, de Rocquigny said.

"Some of the new red spring wheats can compete with winter wheat yields without that uncertainty if it will survive the winter," she said. "There is definitely still a role for winter wheat in rotations in Manitoba."

De Rocquigny heard about great wheat yields during harvest, but said, "I don't know if anyone expected (red spring) yields would beat the 10-year average by five bushels. That's amazing."

Drier weather resulted in less disease, which probably helped boost yields, de Rocquigny said.

"You wonder how much yield loss there is in any given year when we have higher moisture and disease pressure.

"The nice thing with the record yield, we had good quality too."

Although grain corn yields averaging 134 bushels an acre were down eight per cent from 2016's record 145, they were 14 per cent above the 10-year average.

"It was a little bit higher than I guessed," de Rocquigny said.

"Corn is a high water use crop. I think it (lack of rain)

did put a cap on the high yields out there. It's amazing the hybrids we have now can still deliver 134 bushels an acre under less than ideal conditions. We can imagine what the yields could have been with some good, timely rains. Corn is a deep-rooted crop as well. I think it was one of those crops accessing soil moisture that was there from the previous year."

Soybeans, which averaged 34 bushels an acre in 2017, also need moisture in late July and early August to achieve maximum yield potential. Most didn't get it, said Manitoba Agriculture pulse crop specialist Dennis Lange.

"I think some growers were disappointed, but when you talk to growers in the (Red River) valley, yields ranged from just over 30 to 40 (bushels an acre) and I think most guys were happy with that," he said. "Having said that, I talked to farmers in western Manitoba that were down to 20 bushels an acre because it was too dry. That's why we grow different crops. We want to spread the risk around a little bit."

BEYOND AVERAGES

Averages are a convenient benchmark for comparing annual yields, but they mask that some farmers enjoyed much higher and lower yields.

Wheat

Red spring wheat in three municipalities — Cartier, Dufferin and Macdonald, totalling more than

73,000 acres — averaged an amazing 81 bushels an acre.

Still one unfortunate municipality averaged just 15 bushels an acre.

AAC Brandon, with 1.1 million or 56 per cent of the acres, was the most popular red spring variety in Manitoba, averaging 69 bushels an acre.

The feed wheat category, dominated by Fallor and Prosper from the CNHR class, province-wide, averaged 20 per cent more than the red springs (CWRS class). But in Tache all varieties of feed wheat averaged 96 bushels an acre on 3,551 acres.

Feed wheat in nine municipalities averaged 91 bushels an acre or more.

Oats

The highest average yield in a municipality for all oat varieties was 170 bushels an acre from 1,351 acres in Headingley.

Corn

Rhineland had the highest average corn yield — 157 bushels an acre from 38,321 acres.

Corn in the municipality of Souris-Glenwood in western Manitoba averaged 146 bushels an acre — the same as Dufferin in the Red River Valley and the heart of the Corn Belt.

Soybeans

Soybeans also did well outside the Red River Valley. Souris-Glenwood and Pembina each averaged 41 bushels an acre from 21,251 and 30,512 acres, respectively.

The lowest average municipal soybean yield was in West St. Paul at 20.

Canola

The highest average municipal yield was 57 bushels an acre in Cartier and St. Clements, respectively.

Souris-Glenwood had the highest average yield by variety — 65 bushels an acre — with Bayer's L233P, from 1,177 acres.

Flax

Flax yields haven't risen as much as other crops in recent years. The 10-year average has been stuck at 22 bushels an acre for many years. But in the municipality of Bifrost-Riverton 620 acres of AAC Bravo averaged 50.

HOW DID IT HAPPEN?

How could yield records be smashed when much of Manitoba received 70, 60 and even 50 per cent of average rainfall during the growing season?

Bullock said there's a 30-second answer: it was a dry summer, but there was residual subsoil moisture. But after consulting with fellow soil scientist Les Henry, he



Doug Wilcox, Manitoba Agricultural Services Corporation's (MASC) manager of research administration, says the lack of thunderstorms kept hail losses down. PHOTOS: ALLAN DAWSON



Pam de Rocquigny, general manager of the Manitoba Wheat and Barley and Corn Growers' associations, says 2017 was a great year for wheat and barley yields. Corn yielded better than she expected.



Paul Bullock, head of the University of Manitoba's soil science department, expected a good crop, but says the number of record yields was surprising.

suspects a rising water table also played a role.

Saskatchewan water well records show a higher water table there. Manitoba records aren't public, but Bullock suspects they are rising too.

"And I think he's (Henry) right because even your heavy clay soil, which has marvellous capacity to store moisture, there's still a limit to it," Bullock said. "If we start utilizing the stuff that's in the soil that's above the field capacity... that's a huge bonus."

Plant roots don't necessarily have to reach the water table in heavier soils, he said.

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Table 2: SUMMARY OF BEST AND WORST 2017 YIELDS SELECTED INSURED CROPS

Crop	Yield 2017 bushels per acre	Variety	Rural Municipality	Acres	Percentage share
RED SPRING WHEAT	66	All Varieties	Provincial Average	1.96 million	
Highest average yielding variety province wide	77	AAC Viewfield	Province-wide	1,267	
Highest average yielding variety in an RM	85	AAC Elie	Dufferin	680	
Highest average yield by RM	81	All Varieties	Cartier, Dufferin, Macdonald	15,664, 15,989, 42,566	
Lowest average yield by RM	15	All Varieties	Kelsey	1,008	
Most popular variety	69	AAC Brandon	Province-wide	1.1 million	56
WINTER WHEAT	60	All Varieties	Provincial Average	50,292	
Highest average yielding variety province wide	66	CDC Falcon, AAC Gateway	Province-wide	2,473, 12,912	
Highest average yielding variety in an RM	72	Emerson	Victoria	511	
Highest average yield by RM	91	All Varieties	Cartier	530	
Lowest average yield by RM	45	All Varieties	Two Borders, Pipestone	7,220, 2,493	
Most popular variety	66	AAC Gateway	Province-wide	12,912	26
FEED WHEAT	80	All Varieties	Provincial Average	215,430	
Highest average yielding variety province wide	81	Faller	Province-wide	159,249	
Highest average yielding variety in an RM	95	Faller	Tache	3,551	
Highest average yield by RM	96	All Varieties	Tache	3,711	
Lowest average yield by RM	47	All Varieties	Pipestone	816	
Most popular variety	81	Faller	Province-wide	159,249	74
ARGENTINE CANOLA	47	All Varieties	Province-wide	3.01 million	
Highest average yielding variety province wide	54	L156H INVIGOR HEALTH	Province-wide	3,388	
Highest average yielding variety in an RM	65	L233P BAYER	Souris-Glenwood	1,177	
Highest average yield by RM	57	All Varieties	Cartier, St. Clements	25,832, 10,042	
Lowest average yield by RM	6	All Varieties	Kelsey	4,411	
Most popular variety	48	L252 INVIGOR	Province-wide	757,036	25
SOYBEANS	34	All Varieties	Province-wide	2.1 million	
Highest average yielding variety province wide	42	HERO R2 SECAN	Province-wide	1,411	
Highest average yield by RM	41	All Varieties	Souris-Glenwood, Pembina	21,251, 30,512	
Highest average yielding variety in an RM	46	P006T78R2 PIONEER	Souris-Glenwood	1,749	
Lowest average yield by RM	20	All Varieties	West St. Paul	4,811	
Most popular variety	39	S007-Y4 RR2Y SYNGENTA	Province-wide	175,274	8
BARLEY	83	All Varieties	Province-wide	220,048	
Highest average yielding variety province wide	101	CANMORE	Province-wide	8,719	
Highest average yielding variety in an RM	120	CDC AUSTENSON	Cartier	1,673	
Highest average yield by RM	118	All Varieties	Macdonald	1,295	
Lowest average yield by RM	30	All Varieties	Coldwell	749	
Most popular variety	84	CDC AUSTENSON	Province-wide	47,142	21
OATS	121	All Varieties	Province-wide	419,472	
Highest average yielding variety province wide	142	CDC MORRISON	Province-wide	1,245	
Highest average yielding variety in an RM	164	SUMMIT RONALD	Lorne, Montcalm	1,899, 1,330	
Highest average yield by RM	170	All Varieties	Headingley	1,351	
Lowest average yield by RM	51	All Varieties	Clanwilliam- Erickson	627	
Most popular variety	132	SUMMIT	Province-wide	155,908	37
GRAIN CORN	134	All Varieties	Province-wide	380,992	
Highest average yielding variety province wide	164	DKC32-12RIB DEKALB	Province-wide	1,975	
Highest average yielding variety in an RM	174	DKC33-78 RIB DEKALB	Rhineland	6,329	
Highest average yield by RM	157	All Varieties	Rhineland	38,321	
Lowest average yield by RM	84	All Varieties	Sifton	605	
Most popular variety	142	P7958AM PIONEER	Province-wide	53,156	14
FIELD PEAS	53	All Varieties	Province-wide	59,419	
Highest average yielding variety province wide	72	AAC CARVER	Province-wide	2,293	
Highest average yielding variety in an RM	73	CDC Meadow	Swan Valley West	3,739	
Highest average yield by RM	73	All Varieties	Bifrost-Riverton	528	
Lowest average yield by RM	36	All Varieties	Ellice-Archie, Prairie View, Gilbert Plains	1,812, 2,541, 681	
Most popular variety	55	CDC Meadow	Province-wide	19,541	33
FLAX	30	All Varieties	Province-wide	37,444	
Highest average yielding variety province wide	37	CDC GLAS	Province-wide	5,659	
Highest average yielding variety in an RM	50	AAC BRAVO	Bifrost-Riverton	620	
Highest average yield by RM	47	All Varieties	Louise	785	
Lowest average yield by RM	16	All Varieties	Fisher, Sifton	515, 517	
Most popular variety	27	CDC BETHUNE	Province-wide	9,183	25
SUNFLOWERS (OIL)	2,103 lbs/acre	All Varieties	Province-wide	31,172	
Highest average yielding variety province wide	2,402 lbs/acre	P63ME80 PIONEER	Province-wide	6,195	
Highest average yielding variety in an RM	2,672 lbs/acre	P63ME70 PIONEER	Dufferin	1,479	
Highest average yield by RM	2,706 lbs/acre	All Varieties	Brokenhead	2,706	
Lowest average yield by RM	1,597 lbs/acre	All Varieties	Two Borders	6,233	
Most popular variety	2,375 lbs/acre	P63ME70 PIONEER	Province-wide	10,707	34
WHITE PEA BEANS	2,009 lbs/acre	All Varieties	Province-wide	26,909	
Highest average yielding variety province wide	2,140 lbs/acre	T9905	Province-wide	18,456	
Highest average yielding variety in an RM	2,635 lbs/acre	T9905	Rhineland	691	
Highest average yield by RM	2,665 lbs/acre	All Varieties	Rhineland	803	
Lowest average yield by RM	647 lbs/acre	All Varieties	Rockwood	702	

Source: Manitoba Agricultural Services Corporation, necessary calculations.

Data is based on access to 99.9 per cent of farmers' aggregated 2017 crop insurance reports. To protect farmers' privacy MASC doesn't make public yields unless the data comes from 500 or more acres. The data here doesn't include organic or pedigreed crops. Yields and acreage figures accessed online through MASC's website are subject to revision and may differ from those presented here. Ten year averages are from 2007 to 2016.

The data presented above is based on harvested, insured acres, including pedigreed seed, but excluding organic.

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“Capillary can wick that up from so far. But even if you get a really coarse-textured soil and a shallow water table... the plant can basically draw up as much water as it wants.”

That raises questions about the potential impact on tile drainage. It's commonly believed tiling won't dry out land because water doesn't flow until the soil is saturated. But what's the impact on subsoil recharge?

“I think we need to nuance that discussion more fully, especially if we get back into some dry years,” Bullock said.

“The idea is of course that you can perhaps manage that smartly enough to keep the wet conditions less of a problem, but at the same time not completely sacrifice what you might benefit in a dry transition year like we had in 2017 and still make use of it. That's a pretty fine edge to get to. I don't know if we've got good-enough skill to ride that edge, but it's certainly something that I think has been illustrated to me this year.”

NEVER SAY NEVER

“Let's not forget about our plant breeders,” Bullock added. “You can see the genetic potential that is there has to be part of this as well.”

Farmers deserve credit too. Many agronomists estimate about half of ongoing yield increases come from better farming techniques.

But Bullock suspects farmers won't be as happy with their yields if the region sees two dry summers in a row.

Record and above-average yields in 2017 are a pleasant surprise. But they underscore how unpredictable yields can be. 2017 was dry, but residual subsoil moisture and perhaps higher water tables, in combination with timely rains, average temperatures, including not being too hot during pollination, produced a bumper crop.

Almost as many yield records were broken in 2013 despite delayed seeding, a cool first half of June and a delayed harvest, Wilcox noted. But there were also timely rains, moderate temperatures during pollination and a warm September.

With so many variables in play, never say never.

(The statistics reported here, and throughout *Yield Manitoba 2018*, are based on 99.9 per cent of farmers' crop insurance data having been tabulated by MASC. Figures are subject to revision. Crop insurance yield, acreage and variety data are available online at https://www.masc.mb.ca/masc.nsf/mmpp_browser_variety.html.)

Continued on page 16



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Insured 2017 soybean plantings pass red spring wheat for No. 2 spot

by Allan Dawson, Co-operator staff

Manitoba insured a record 2.2 million acres of soybeans in 2017, surpassing red spring wheat for the No. 2 spot behind top-placing canola.

The figures are based on 99.9 per cent of the 2017 crop insurance data having been compiled by the Manitoba Agricultural Services Corporation (see Table 3).

All categories of insured wheat in 2017 combined totalled almost 2.35 million acres, slightly more than soybeans. But if soybean plantings continue on the same trend line they will eventually exceed wheat.

Soybean acres have been increasing for years, while red spring wheat, which dominates wheat plantings, has been relatively flat, as have been canola acres.

Harvested soybean acres in Manitoba jumped 38 per cent in 2017, while red spring acres dropped eight per cent from 2.2 million.

Canola acres were unchanged in 2017 at 3.1 million acres, matching the 10-year average.

In 2013 Bruce Burnett, then a market

analyst with G3, made a bold prediction: Manitoba farmers could plant as many acres of soybeans in 2018 as canola.

The intentionally provocative forecast was made to underscore how the combination of a warmer climate, improved soybean varieties and favourable returns can influence farmers' planting decisions.

In 2013, Manitoba farmers insured a record 1.06 million acres of soybeans. Insured plantings had doubled by 2017.

"You could see three million acres," Dennis Lange, Manitoba Agriculture's pulse crop specialist, said in an interview Jan. 10. "It's a possibility."

However, it's not likely this year. Lower-than-average yields and softer prices could see soybean acres decline slightly in 2018, he said. If they do, it would be the first retraction in 11 years.

In the end Lange expects insured soybean acres to level off at around 2.5 to 2.6 million, with the caveat that what farmers seed is driven by the potential profit.

In 2000, Manitoba farmers insured just 18,419 acres of soybeans. Insured

plantings nearly tripled the next year and increased again in 2002 and 2003, fell in 2004 and 2005, increased in 2006, and fell in 2007. Since then they have gone up every year, more than tripling in area.

Farmers like soybeans because the crop makes its own nitrogen, tolerates excessive moisture better than many crops, and in the case of Roundup Ready varieties, offers simple and cheap weed control options.

Following soybeans, percentage-wise corn and oat acres saw the next biggest increase in plantings in 2017 up 33 and 19 per cent, respectively.

Of the remaining top 14 insured crops insured in 2017, all saw double-digit declines compared with 2016, with field peas dropping the most — 62 per cent — to just under 63,000. That's 16 per cent lower than the 10-year average.

Oats, which ranked sixth last year, jumped to fourth.

Grain corn went from seventh to fifth.

Insured feed wheat plantings of almost 216,000 acres, fell 40 per cent dropping to seventh in 2017 from fourth.

Table 3: TOP MANITOBA INSURED GRAINS & OILSEEDS CROPS 2017

Rank	Crop	2017 Acres	2016 Acres	Per Cent change	Rank in 2016	10 Year Average	Per Cent Difference
1	Argentine Canola	3.01 million	3.01 million	0	1	3.0 million	-0.3
2	Soybeans	2.2 million	1.6 million	+38	3	801,562	+174
3	Red Spring Wheat	2.02 million	2.2 million	-8	2	2.2 million	-8
4	Oats	434,377	326,451	+33	6	485,900	-5
5	Grain Corn	382,344	321,140	+19	7	223,889	+70
6	Barley	228,575	341,142	-33	5	467,243	-51
7	Feed Wheat	216,150	357,520	-40	4	137,147	+58
8	Edible beans	121,070	105,850	+14	11	123,549	-2
9	Field Peas	62,712	164,108	-62	8	74,545	-16
10	Fall Rye	61,773	97,013	-36	10	61,123	+1
11	Prairie Spring Wheat	59,677	71,367	-16	12	18,828	+217
12	Sunflowers (all)	55,501	65,212	-15	13	44,556	+25
13	Winter Wheat	51,618	126,508	-60	9	301,706	-83
14	Flax	40,483	64,479	-37	14	140,218	-71
TOTALS		8,944,280	8,850,790	+2		8,080,366	+11

Source: Manitoba Agricultural Services Corporation, necessary calculations.

Data is based on access to 99.9 per cent of farmers' aggregated 2017 crop insurance reports. To protect farmers' privacy MASC doesn't make public yields unless the data comes from 500 or more acres. The data here doesn't include organic or pedigreed crops. Yields and acreage figures accessed online through MASC's website are subject to revision and may differ from those presented here. Ten year averages are from 2007 to 2016.

The data presented above is based on harvested, insured acres, including pedigreed seed, but excluding organic.

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Relative Riskiness of Crops — Why Crops Have the Premiums They Do

By Faye Price, MASC

AgriInsurance premiums are made up of the coverage per acre and the premium rate. Coverage reflects the dollar value of the crop and the expected yield potential for the crop at the selected coverage level. The differences in coverage between crops are easy to see and understand. However, why do some crops have a higher premium rate than others?

The premium rate represents the risk characteristic of the crop. The goal of ratemaking is to calculate rates that will produce a premium for a future policy period equal to the sum of expected losses. The calculation uses historical experience including exposures, premiums, coverages, claim counts and losses, to project future profitability.

The main component of AgriInsurance premium rates is the “Loss to Coverage Ratio” (LCR). The LCR is simply the annual payout divided by the annual coverage. A 25-year average of LCRs is calculated for each crop. For crops that have less than 25 years of experience being grown and insured in Manitoba, the historical experience of another crop with similar agronomic characteristics is used to fill

in the missing years. Loads are added to the average LCRs to reflect program changes and self-sustainability requirements.

But this still does not answer why some crops have higher premium rates compared to others.

These differences are mainly due to variability, or spread, in the historical experience — the greater the spread in the data, the greater the forecasting risk, and thus the higher the premium rate.

Before we go any further, here is a quick review of some basic statistical terms referred to in this article.

Average — the sum of all variables divided by the number of values.

Minimum — the smallest value in the set of data.

Maximum — the largest value in the set of data.

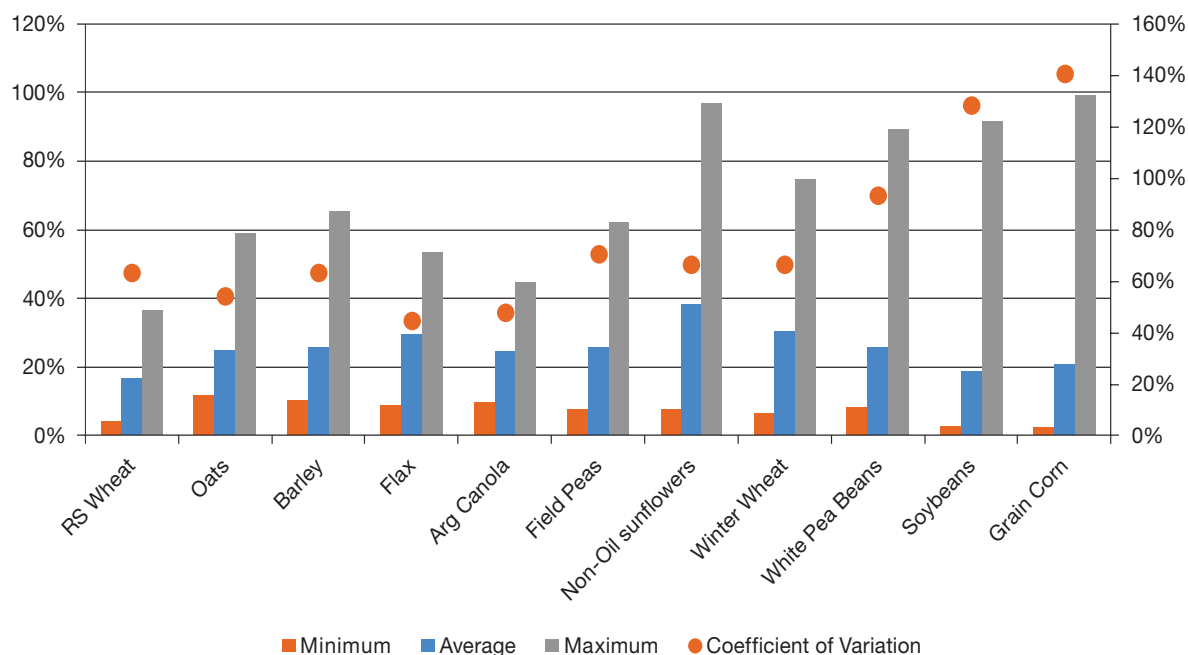
Standard Deviation — a measure of the spread of the data from the average. It is used to describe where most of the data should fall compared to the average. A low standard deviation means that most of the data is very close to the average. A high standard deviation means that the data is spread out.

Coefficient of Variation (CV) — another measure

Table 1: MASC Historical Claim Experience for Select Grain and Oilseed Crops, 2002 to 2016

Crop	Average Number of Insureds	Claim Rate				
		Minimum	Average	Maximum	Std Dev	cv
RS Wheat	5,447	4.3%	16.6%	36.5%	10.6%	63.6%
Oats	2,988	12.0%	24.8%	58.9%	13.5%	54.3%
Barley	2,588	10.2%	26.1%	65.3%	16.5%	63.4%
Flax	1,157	8.8%	29.6%	53.5%	13.3%	44.7%
ArgCanola	6,031	10.0%	24.4%	44.6%	11.7%	47.8%
Field Peas	383	7.9%	26.1%	62.1%	18.5%	70.9%
Non-Oil Sunflowers	325	7.8%	38.2%	97.0%	25.5%	66.8%
Winter Wheat	1,041	6.4%	30.4%	74.8%	20.3%	66.7%
White Pea Beans	250	8.2%	26.0%	89.4%	24.2%	93.3%
Soybeans	1,586	2.9%	18.7%	91.9%	24.1%	128.7%
Grain Corn	654	2.4%	21.0%	99.1%	29.5%	140.7%

Figure 1: Claim Rate Variability 2002 to 2006



of the spread of data. It is the ratio of the standard deviation divided by the mean, expressed as a percentage. The CV is used to compare the spread of data in different datasets when the average or units of measurement are different. A low CV means low variability in the data.

Claim Rate — the measure of the rate at which claims occur. It is equal to the number of claims divided by the number of exposures or policies.

Now we can compare the variability between crops by looking at a few basic statistics. Table 1 provides Manitoba Agricultural Services Corporation's (MASC's) historical claim experience over the period 2002 to 2016 for select grains and oilseeds.

Average claim rates range from a low of 16.1 per cent for red spring wheat to a high of 38.2 per cent for non-oil sunflowers. Most crops have a claim rate between 20 per cent and 25 per cent; however, the range of rates can vary widely between crops, as evidenced by the minimum and maximum claim rates.

Let's look at red spring wheat first. On average, one in six red spring wheat contracts have resulted in a claim in a given year. The lowest claim rate during the 15-year period was 4.3 per cent while the highest claim rate was 36.5 per cent. The CV for red spring wheat claim rates is 63.6 per cent. There is relatively low variation in the claim rate for red spring wheat.

In comparison, soybeans have an average claim rate of 18.7 per cent, a minimum rate of 2.9 per cent and

a maximum rate of 91.9 per cent. On average, almost one in five contracts resulted in a claim per year. There is a much larger range in claim rates over the 15-year period. The CV is 128.7 per cent, meaning there is significantly more variation in annual rates.

Figure 1 provides a visual of the minimum average and maximum claim rates on the left axis and the CV on the right axis. Crops with higher premium rates, such as non-oil sunflowers, white pea beans, soybeans and grain corn, tend to have higher CVs because of the greater variability in claim rates. The risk of having a claim is higher for these crops than for other crops.

There are two other factors that can affect the variability of the historical claim experience for a particular crop — the number of annual policies and the number of years the crop has been insured. As the number of producers growing and insuring a crop increases, the risk of claims gets spread out over more people. There are more people to offset one person's, or one area's, losses. Over time, premium rates will decrease to reflect the lower risk of claims.

Although your personal experience may differ, on the basis of MASC's risk experience, the relative riskiness classification of some major crops grown in Manitoba is as follows: High Risk includes grain corn, non-oil sunflowers, and dry edible beans; Medium Risk includes field peas, oil sunflowers, and soybeans; and Low Risk includes canola, wheat, oats and barley. The premiums that you are charged by MASC reflect this risk exposure.

“Ceding” For Charity: Giving Back By Giving Up Acres

By Doug Wilcox, MASC

Farmers are known for being resourceful and working with what they have, even when they are showing kindness and generosity. For example, some farmers annually surrender or “cede” some of their lands as a means to give back. As these farmers plan and prepare to plant their farms in 2018, they also think about what acreage to cede and seed to raise monies for charitable purposes. These generous farmers are giving back by giving up acres.

Canadians are very generous and so are Manitoba farmers

The organization “Imagine Canada” indicates that Canada’s charitable and non-profit sector is the second largest in the world; the Netherlands is the largest, while the United States is the fifth largest. It has also looked at the main reasons Canadians are motivated to donate, ranked as follows: (1) compassion for those in need; (2) personally believe in a cause and want to help; (3) contribute to our communities; (4) personally affected by an organization’s cause; (5) religious obligations or beliefs; and (6) income tax credit.

According to “The Giving Report 2017” from the organization “CanadaHelps,” Canadian charities in 2015 reported receiving over \$251 billion in revenue. Of that revenue, charitable donations (receipted gifts) totalled \$16.5 billion (of which \$9.1 billion were reported in tax filings). About four per cent of these charitable donations (\$635 million) was generated in Manitoba. Manitoba is also the province with the highest percentage of families who donate to charity (39 per cent). The average Canadian family that filed charitable contributions in 2015 claimed \$1,820 in donations. How do you compare to that benchmark?

The Giving Report 2017 also points out that, on average, Canadian charities receive approximately two-thirds of their revenue via government. Although government contributions to charities are not a direct donation by you, it is important to remember that government contributions to charity are still from Canadians, including you.

One of the highest profile rural charities supported by many farmers and rural businesses is the Canadian Foodgrains Bank (CFGB). Manitoba Agricultural



Services Corporation (MASC) records indicate that approximately two-thirds of all charitable crop growing projects in Manitoba are CFGB-related projects. The CFGB is a partnership of 15 Christian denominations and church agencies working together to end world hunger. It started out 40 years ago as a little project in Manitoba and has since spread throughout Canada.

The CFGB reports it raised \$3.1 million in Manitoba in 2016 (of which \$1.7 million was from Growing and Community Project donations). On average, each of the 43 Growing and Community Projects in Manitoba in 2016 raised approximately \$40,000 for the CFGB. In 2017, an estimated 5,300 acres of crop were committed towards CFGB projects.

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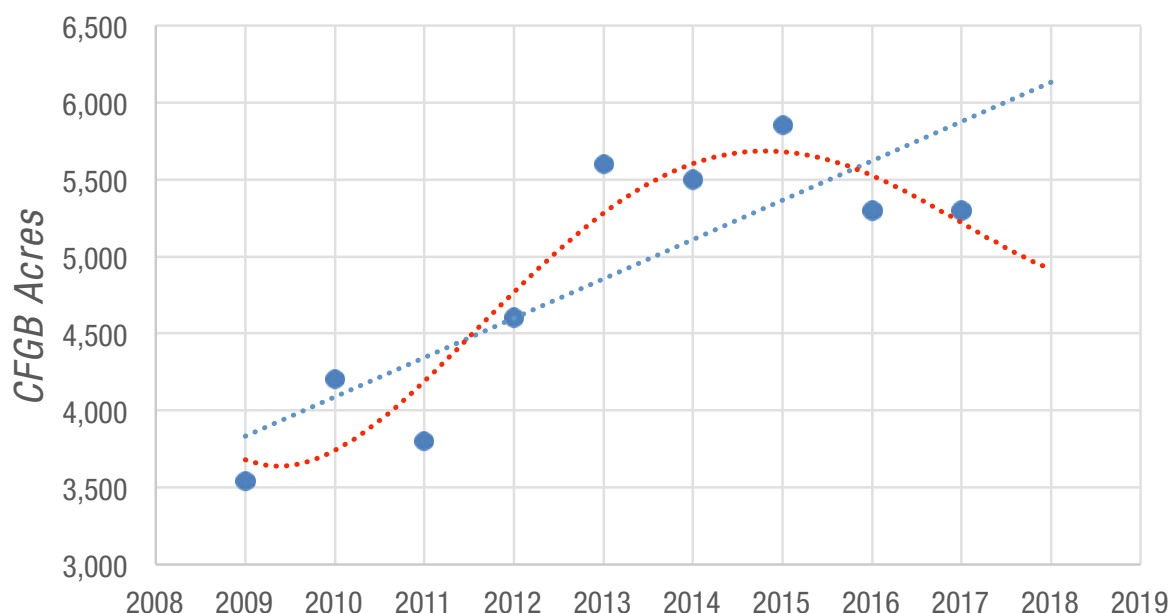
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Figure 1. Linear (blue line) and Polynomial (red line) Trends of Manitoba CFGB Growing Project Acreages Over the Period 2009 to 2017



Continued from page 20

Manitoba also powers above its weight, in 2016 contributing 27 per cent of the CFGB total donations nationally (of \$11.3 million) and 42 per cent of Prairie donations. On top of these funds in 2016, the CFGB also received revenue of \$26 million from the government (from Global Affairs Canada), as well as donations from individuals and member church organizations. Currently, the CFGB monetizes all crop donations and buys all its foodstuffs locally in developing countries instead of negatively impacting them by shipping free Canadian product. This approach supports the developing countries' struggling economies and ensures that local diets are matched

The organization "CanadaHelps" has determined that when adjusted for inflation, charitable contributions have been relatively stagnant since 2010. That is not the case for charitable acreage growing projects in Manitoba. Plotting annual reports and media records over the last 10 years for CFGB growing and community projects shows that although variable from year-to-year, there is a significant linear acreage trend which indicates charitable acreage in Manitoba has been increasing at an annual rate of roughly 256 acres per year (Figure 1). Using the linear plot, one could extrapolate that in 2018, there could be a record CFGB growing and community project acreage of 6,138 acres, compared to only 3,583 acres in 2009.

Unfortunately for the CFGB, that projected acreage is unlikely. Although the linear trend (blue line) tracks

steadily upward over the last 10 years, the polynomial plot (red line) illustrates that in reality, CFGB project acreage in Manitoba peaked in 2015 and that a more reasonable estimate of CFGB acres in 2018 would be about 5,000 acres. So perhaps, although delayed, it may be that CFGB growing and community acreage is following the same trend of other charities and has become relatively stagnant.

Farmers Give In Many Ways

It is important to also recognize there are many donations and acts of charity by farmers that occur virtually anonymously and without an official record. Sometimes farmers just write cheques directly to charities, or in more recent years they may forward money to online crowdfunding efforts like 'GoFundMe'

Often, though, it goes beyond money, with farmers donating their time, energy and skills to the charitable causes that matter to them. For example, we are all familiar with the stories of farmers seeding, tending, or harvesting crops for neighbours affected by family tragedy. You have also likely read about farmers, agribusinesses, and commodity groups donating to rural community projects, food banks, food drives or giveaways and silent auction fundraisers. Don't forget all the personal time farmers give up to be 4-H leaders or participate in other rural community organizations or to volunteer at events like community concerts or dinners. This largely unquantified and undocumented generosity by farmers often goes unrecognized, but is none-the-less essential to the well-being of rural communities and social fabric of Canada.



MASC Uniquely Positioned

MASC is uniquely able to track much of the acreage farmers cede (or surrender) to charity. MASC annually tracks “CFGB charitable acreage” growing projects for the administration of its free hail insurance contributions (see insert), and also tracks other “valid charitable acreage” growing projects that have qualified for special standalone charity contracts (require a signed guarantee of premium debt).

Using MASC’s 2017 records, it was observed that 6,153 acres were intended for charitable purposes. Of these acres, 66 per cent were for CFGB projects and 34 per cent were for other charitable purposes. Of the total charitable acres, the types of crops grown and their relative acreage percentage were as follows: Soybeans (42.3 per cent), Canola (30.2 per cent), Wheat (24.0 per cent), Oats (2.8 per cent), Barley (0.6 per cent) and Corn (0.1 per cent). The intended charitable purposes of those acres are: International Aid Donations (68.0 per cent), Winter Community Facility Support (19.4 per cent), Hockey Team Support (4.9 per cent), Parks and Recreation Support (2.9 per cent), Community Club Support (2.8 per cent), Health Care Donations (1.7 per cent), and Museum Support (0.5 per cent).

A map of the 2017 relative charitable acreage grown in Manitoba (by MASC insurance office district) is shown in Figure 2. The insurance office districts with

the most charitable acreages grown are Deloraine and Altona (both tied at 17.6 per cent of the acres), followed by Carman (13.1 per cent), Neepawa (9.4 per cent), and Portage la Prairie (9.2 per cent).

MASC has 18 insurance office districts, but nearly 50 per cent of the charitable acreage is grown in only three. This concentration suggests that from a charitable ceding standpoint, there is room for improvement in the other 15 insurance districts.

Bonus Points For Ceding Acreage:

Giving is a pro-social behaviour that makes us feel better, but donating acreage for charitable purposes need not totally be for altruistic reasons. Tax deductions, for example, are an additional bonus attached to donations. Just keep in mind that the ability to get tax receipts for the value of goods and services donated to a charitable project is strictly governed by the Canada Revenue Agency. Honest valuation and a good paper trail are required for all donations within a project, and often include an exchange of cheques.

Additionally, charitable growing projects, like many of those for the CFGB, are often greatly aided by generous support from some local agribusiness companies.

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Agribusinesses often step up to provide free inputs like seed, fertilizer, chemicals, agronomic services, transportation services, reduced elevator fees, and other products or services. MASC even offers free Hail Insurance (see insert). The donated products and services from these agribusinesses greatly aids the work of volunteers, and adds value, enabling the projects to raise more funds to help the applicable charity.

Livestock Sector Ceding as Well?

To contrast with the crop sector, efforts were made to roughly measure the number of livestock donated to charity by contacting the various commodity groups that might track this kind of information in Manitoba. Limited success was made in obtaining this information. It doesn't help that farmers are quite humble about charitable giving, so their giving is not widely documented or centrally tracked.

Many livestock commodity groups provide direct financial support to charities in Manitoba. For example, the Manitoba Chicken Producers have been involved in financially supporting Winnipeg Harvest and rural

food banks. Food banks throughout the province also annually receive hundreds of dozens of eggs through the Manitoba Egg Farmers and approximately 300,000 litres of milk annually from the Dairy Farmers of Manitoba.

The Manitoba Beef Producers do not currently have any specific charity initiatives, although individual farmers may provide donations. During the BSE crisis, the province provided monies to purchase local beef to donate to foodbanks. For a few years in Manitoba (as recently as 2015), there were charity auctions of cattle in support of the CFGB. Additionally, sometimes a 4-H Beef Club member may donate their calf sale proceeds to a charitable cause.

In recent years, an agricultural tax credit plan for charitable fresh food (non-processed) donations to community food programs was introduced in several provinces (Ontario, British Columbia, and Nova Scotia). Generally, this credit is worth 25 per cent of the value of the donated products and can be claimed in addition to the charitable donation tax credit. Perhaps this is a tax credit option that Manitoba could also adopt (or adapt). It has been reported that in Ontario after this policy was introduced, meat donations really gained momentum. It is also worth noting that for farmers considering making

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food donations to charities, the Food Donations Act of Manitoba is in place to protect donors from liability.

It makes good business sense for both crop and livestock commodity groups to work with charities. Besides being the right thing to do, product donations can bolster public health and encourage people to eat their products. Additionally, when their membership and the general public feels that the commodity group cares, they are likely to respond with more enthusiasm and commitment towards that organization and its activities.

Going Forward

Manitoba farmers donate their time, money, energy and skills to the charitable causes that matter to them the most. It has been said that local and world hunger bothers farmers more than the average Canadian, as generating food is their business, and because of this, farmers are in a position to do something about it. Additionally, it appears more and more that rural community maintenance and development won't happen without the involvement of local charities and local farmers.

Poverty isn't going away. Increasingly, it is being left to charitable donations to help alleviate it, including donations from farmers and the groups that represent them. MASC data shows that at least 6,153 acres in Manitoba were ceded by farmers and dedicated to growing crops in 2017 for charitable causes addressing hunger, community development, and poverty. Can farmers do more in 2018? Maybe now is the time to expand or revitalize old donation programs tied to crop or livestock production, and perhaps start new ones?

Continued on page 26



MASC Offers Free Hail Insurance

If MASC clients are willing to donate their time, hard work, and use of their land for CFGB growing projects, MASC is also ready to help. Since 2010, MASC has waived hail insurance premiums on every registered CFGB growing project that carries AgriInsurance, up to a maximum of 160 acres.

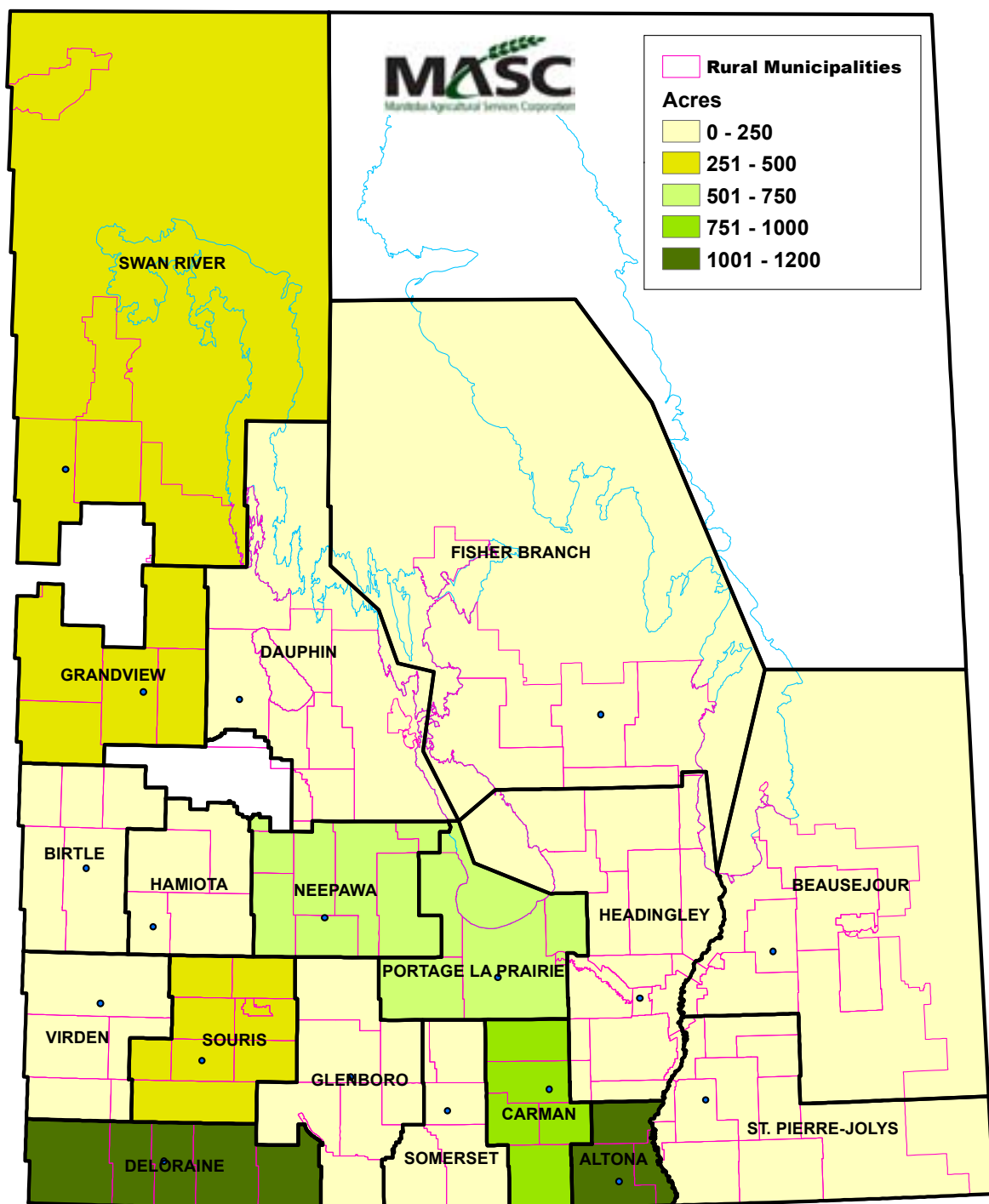
Having this additional security in the event of severe hail losses is a great comfort to the farmers who donate their land, time and effort to grow a crop on behalf of people in need. Their support ensures that the CFGB is able to reliably feed more people in the developing world who don't have enough to eat. In the eight years of MASC offering the program, approximately \$4 million in hail coverage has been provided and \$175,000 in premium has been waived for CFGB projects. MASC's Hail Insurance program is entirely producer-funded and does not involve any government subsidy.

Although premiums are not waived for AgriInsurance, purchasing AgriInsurance on acres grown for charitable purposes is still a smart choice, as it helps ensure that the charity gets its money even in the event crop loss due to bad weather or other natural perils. For example, in 2011 approximately 1,000 acres of CFGB projects in Manitoba were unable to be planted due to spring flooding. Without AgriInsurance, revenue would have been unavailable from these acres, which represented one-quarter of the CFGB growing projects bound for overseas initiatives. Instead, purchasing the protection of AgriInsurance made sure there were still funds available to be donated to the charity, even though the acreage was unable to produce a crop that year.

For the farmers involved, insurance makes all their generous commitment and hard work more secure, and in turn, more meaningful. Regardless of subsequent growing conditions.

Figure 2. A Map of the Relative Charitable Acreage by Location in Manitoba as Reported by MASC Insurance Office District in 2017

2017 CHARITABLE ACREAGE BY MASC INSURANCE OFFICE DISTRICT



Created by Terry Comeau, December, 2017

Where is the rain?

A summary of the 2017 weather events

By Timi Ojo, Ag Meteorology specialist, Manitoba Agriculture

How do you summarize the 2017 growing season in one word? The No. 1 response from producers is “DRY.” After many wet years where the growing season precipitation was near or exceeded the historical average, the 2017 growing season had the lowest total precipitation at most locations in Manitoba (Fig. 1).

In 2016, the soil moisture at fall freeze-up was wet and around 80-100 per cent of the soil water-holding capacity but the winter precipitation from November 1, 2016 to April 30, 2017 was between 50-85 per cent of the historical average in most areas of the province. The exception was the eastern region that received normal levels of historical average precipitation. The first three weeks in May had total accumulated precipitation that ranged from less than 10 mm in the southwest corner of the province to about 30 mm in the eastern and northwest regions. The relatively dry conditions allowed for a rapid progression of seeding and by May 23, seeding was 85-90 per cent complete.

The last spring frost occurred on May 19 with air temperature dipping to -6 C around Narcisse. Record-breaking temperatures swept across the province June 2 producing the warmest day of the year. Most locations recorded above 30 C air temperature. Treherne recorded the highest temperature at 36.2 C and was closely followed by Glenboro at 36 C. The first fall frost was recorded on September 6 at a few areas in the Interlake and eastern regions, including areas like Narcisse, Zhoda, Vivian, Steinbach and Beausejour. The first major fall frost at most areas of the province occurred on September 29. The heat unit accumulation (growing degree day, corn heat unit and p-day) was within five per cent of historical average at most areas of the province throughout the growing season except around Snowflake and Manitou that were about 10 per cent lower than historical average for their area.



PHOTOS: THINKSTOCK

The 2017 growing season had a few localized storms. On July 19, Reston received three inches of rain within a two-hour period and on September 19, Baldur, Cartwright and Boissevain received a total of 96 mm, 72 mm and 69 mm, respectively. Despite these storms, precipitation levels across Manitoba stayed below normal throughout most of the growing season. Many areas in the central, southwest and northwest regions (Altona, Morris, Starbuck, Portage la Prairie, Carberry, Melita, Kola, Russell and Swan River) had less than

Continued on next page

Continued from previous page

225 mm of rainfall between May 1 and Sept. 30 which represented about 60 per cent of normal precipitation. The months of July and August were drier than normal and many areas received less than 40 per cent of normal precipitation. The exception was Reston and Findlay that had a localized storm on July 19.

Despite the low precipitation, yields were mostly above average for cereals and canola. Lower-than-average yields were reported for soybeans due to dry conditions during pod filling. Grain corn fared better than soybeans and this could be due to its long taproot that could utilize soil moisture at deeper depths. In general, the 2017 crops benefited from moisture from previous years that had built up groundwater levels. The 2017 fall soil moisture survey shows drier conditions than the 2016 fall survey.

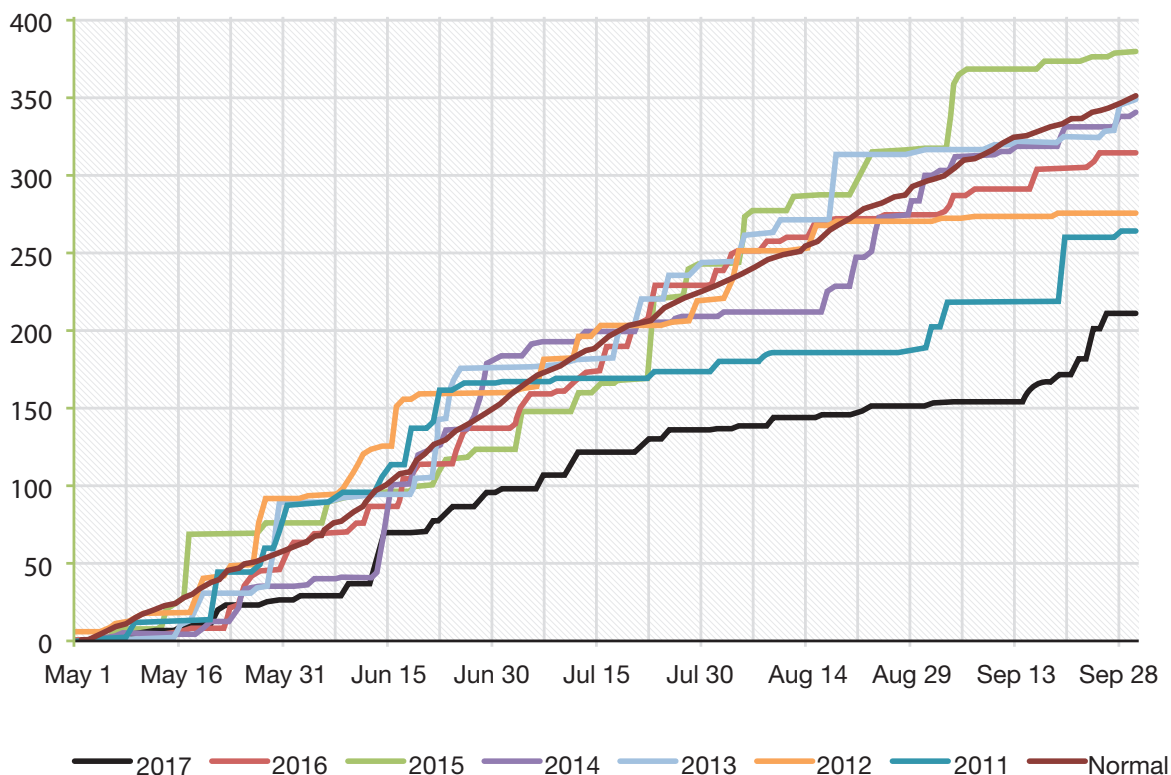
The Province of Manitoba continued to increase weather monitoring across the province with 31 newly installed weather stations in 2017. All the new stations have soil moisture and soil temperature sensors buried at five, 20, 50 and 100 cm depths. The total number of weather stations within the Manitoba Agriculture network is now 109 stations. Manitoba Agriculture has recently released an online map viewer designed to provide current weather data across the agricultural

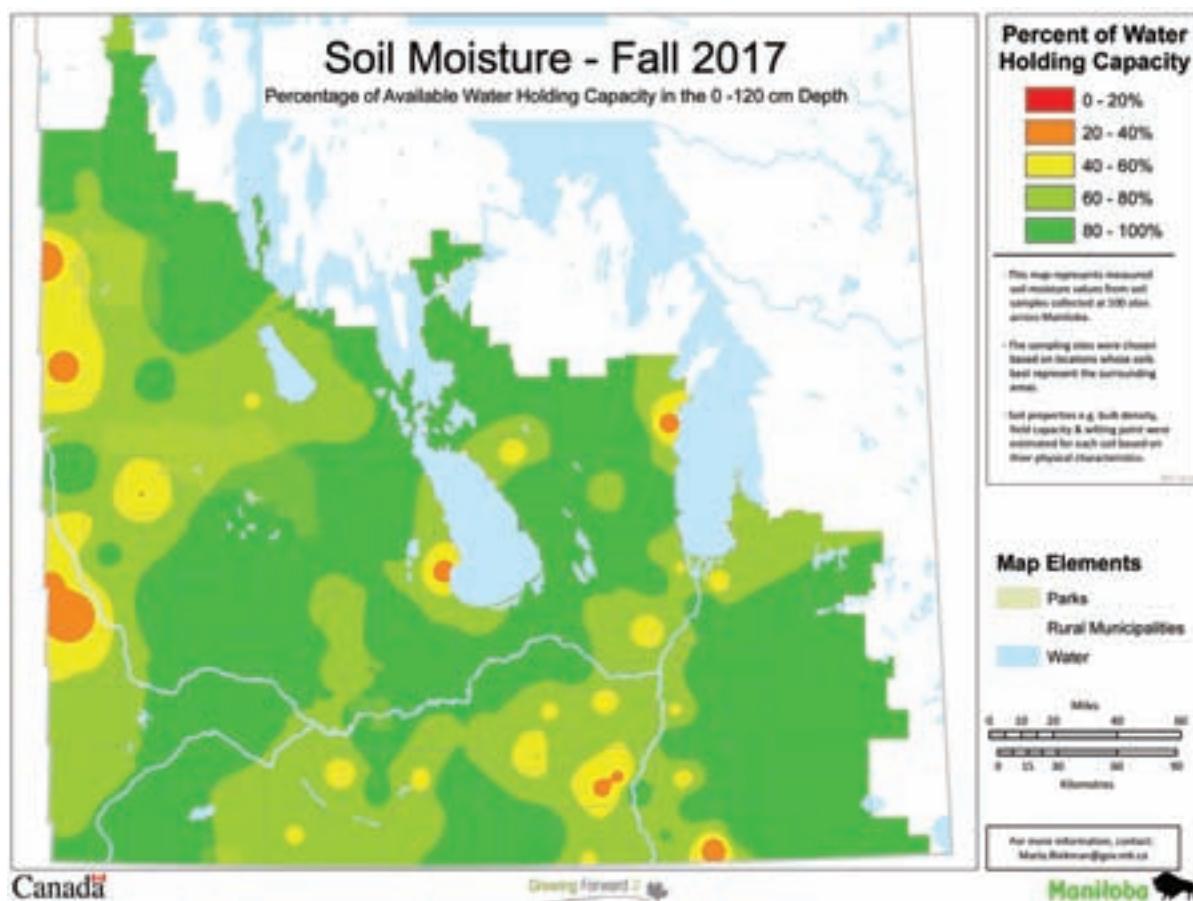
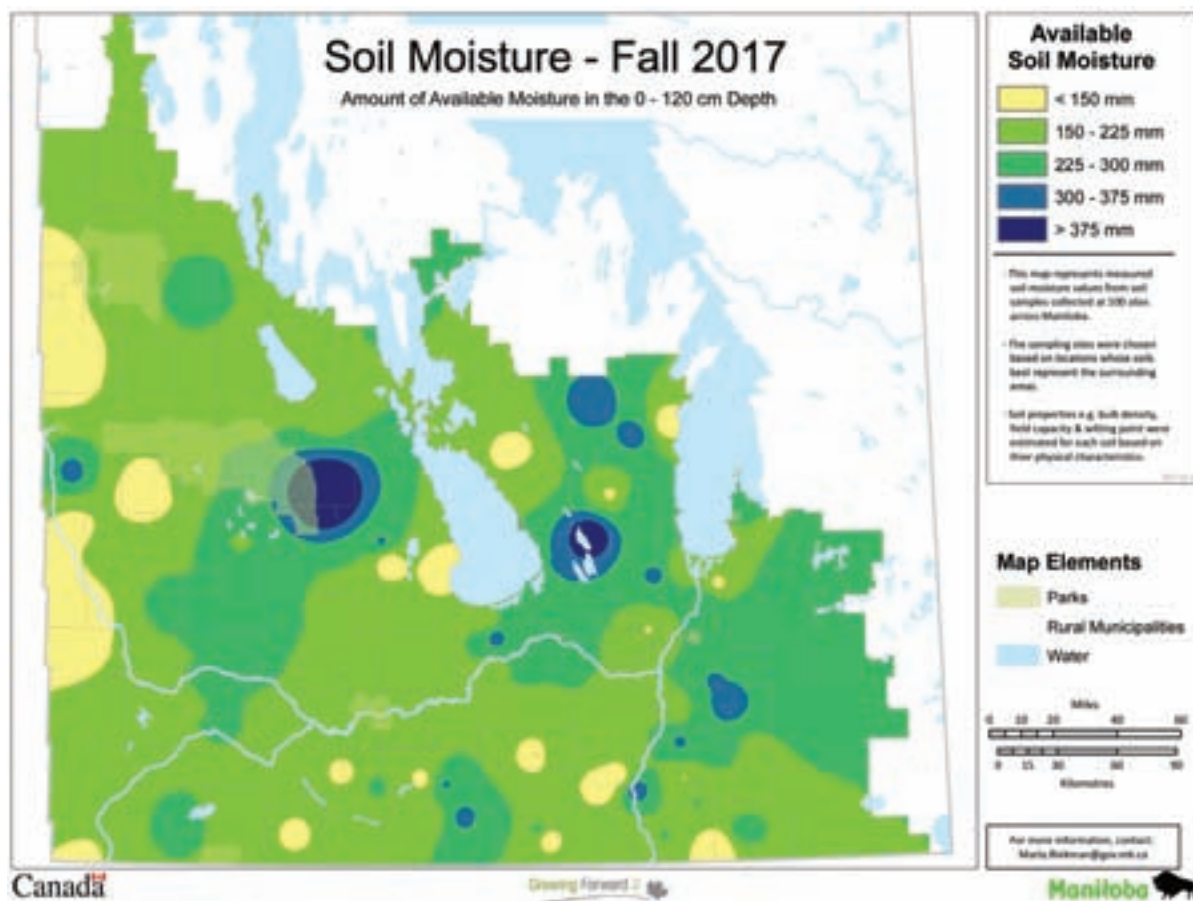


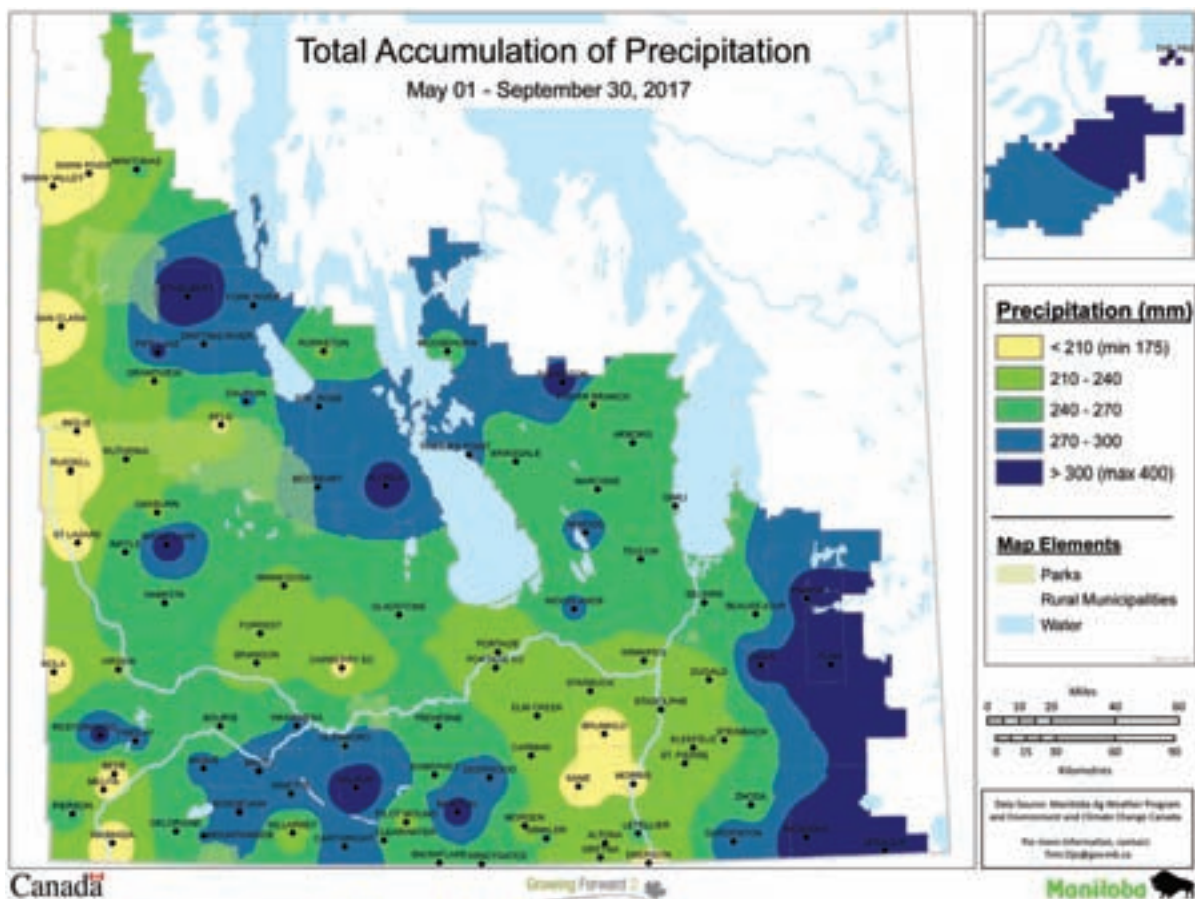
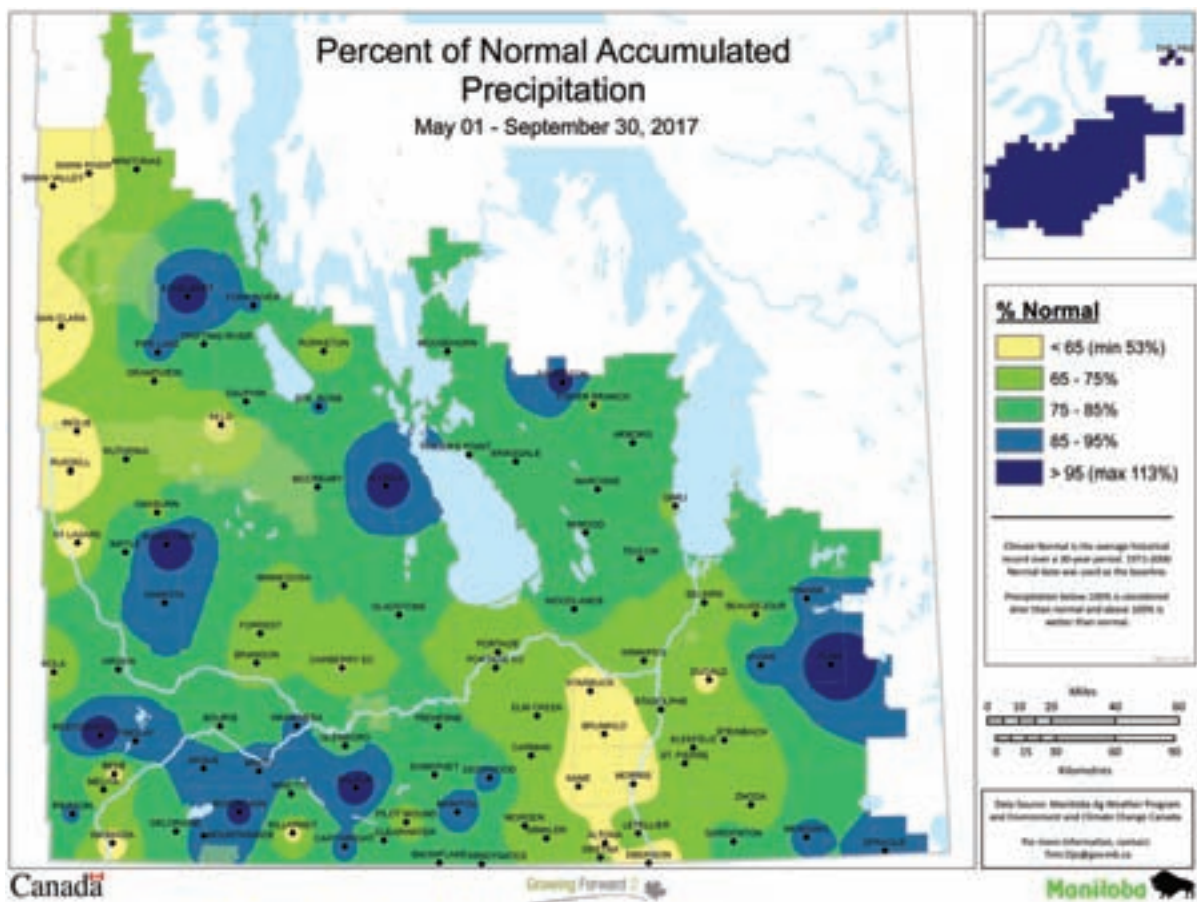
regions of the province at a glance. The map viewer can be used on any mobile device and it updates weather information on an hourly basis to display air temperature, relative humidity, average wind speed and direction, maximum wind speed, rainfall (past hour and since midnight), solar radiation, soil temperature (at five and 20 cm). The weather map viewer can be found at: manitoba.ca/agrimaps.

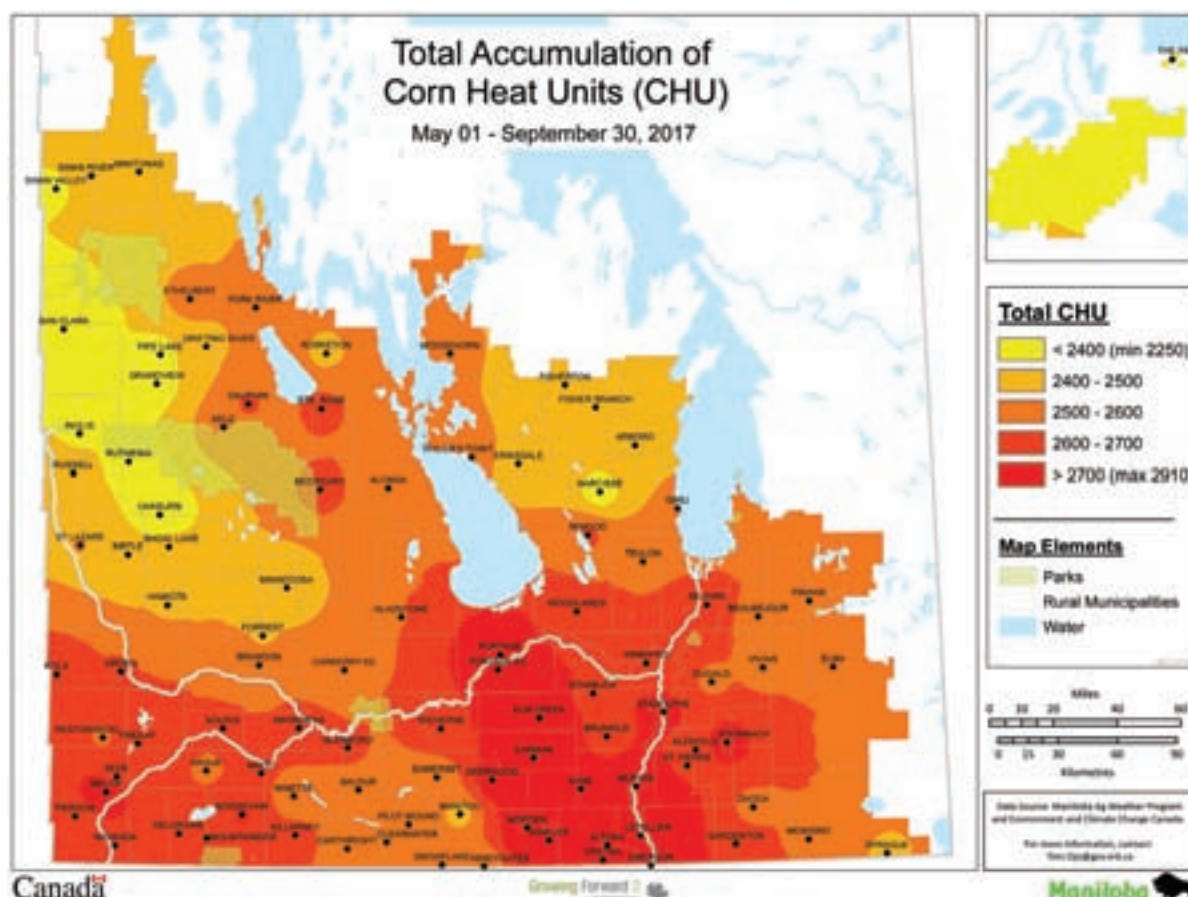
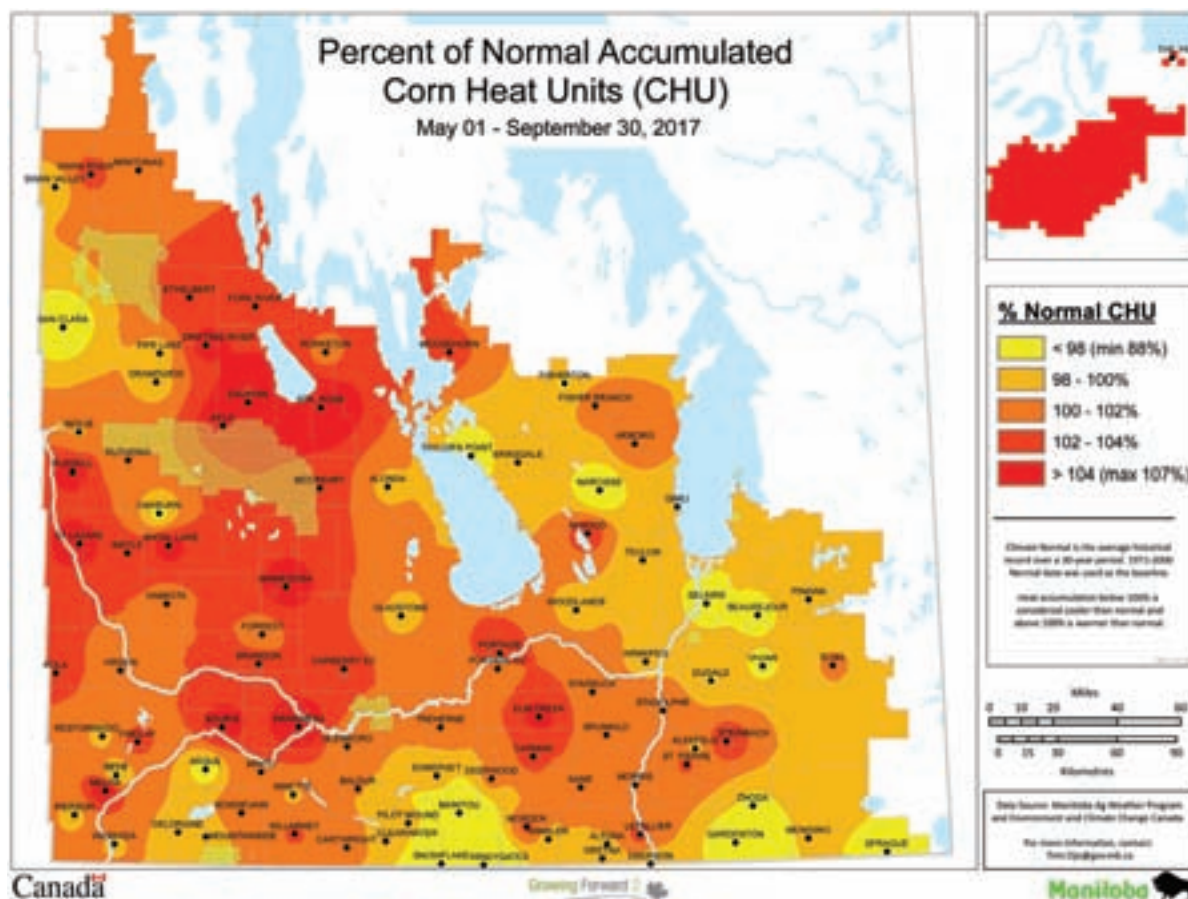
The seasonal summary maps for precipitation, corn heat units, growing degree days and fall soil moisture are shown. Additional information is located at your local Manitoba Agriculture office, www.gov.mb.ca/agriculture, <http://cropchatter.com/> and Twitter: @MBGovAg.

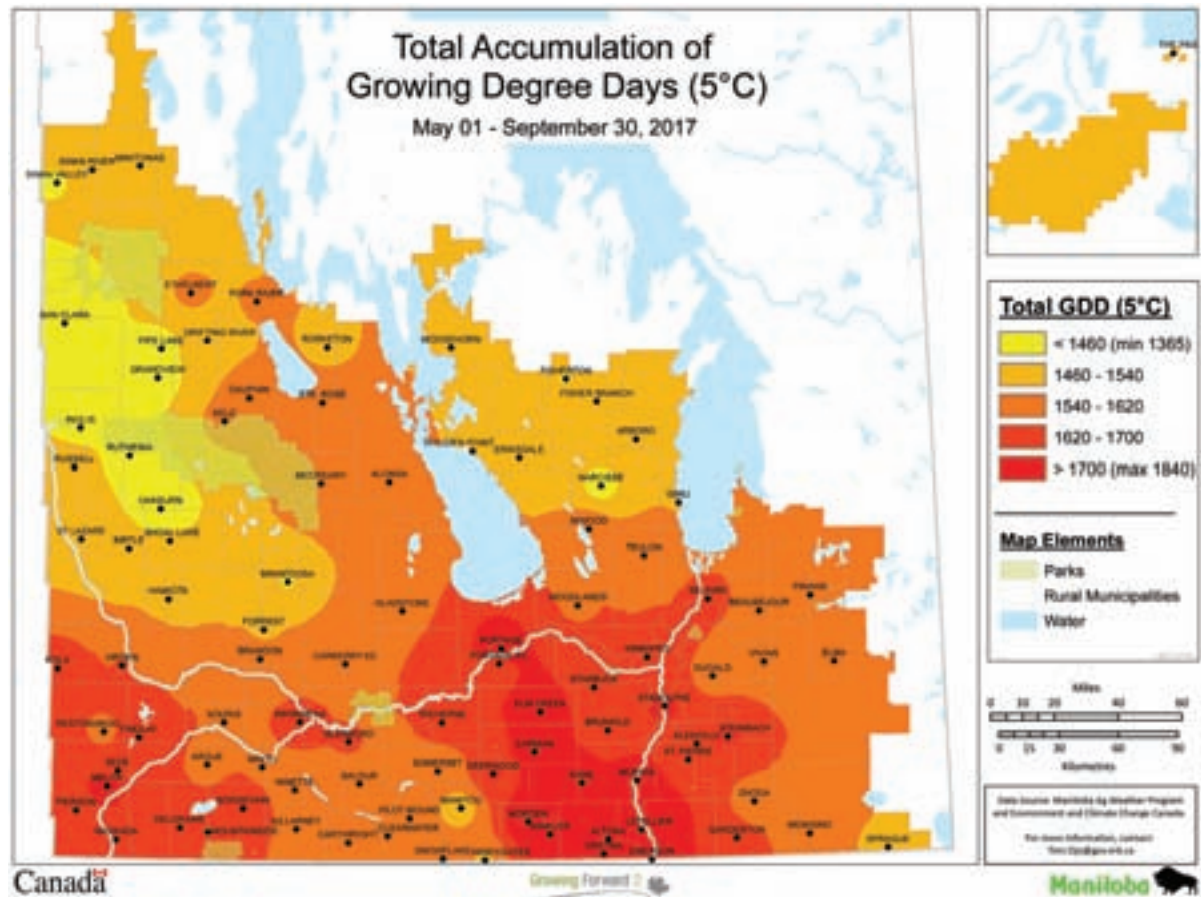
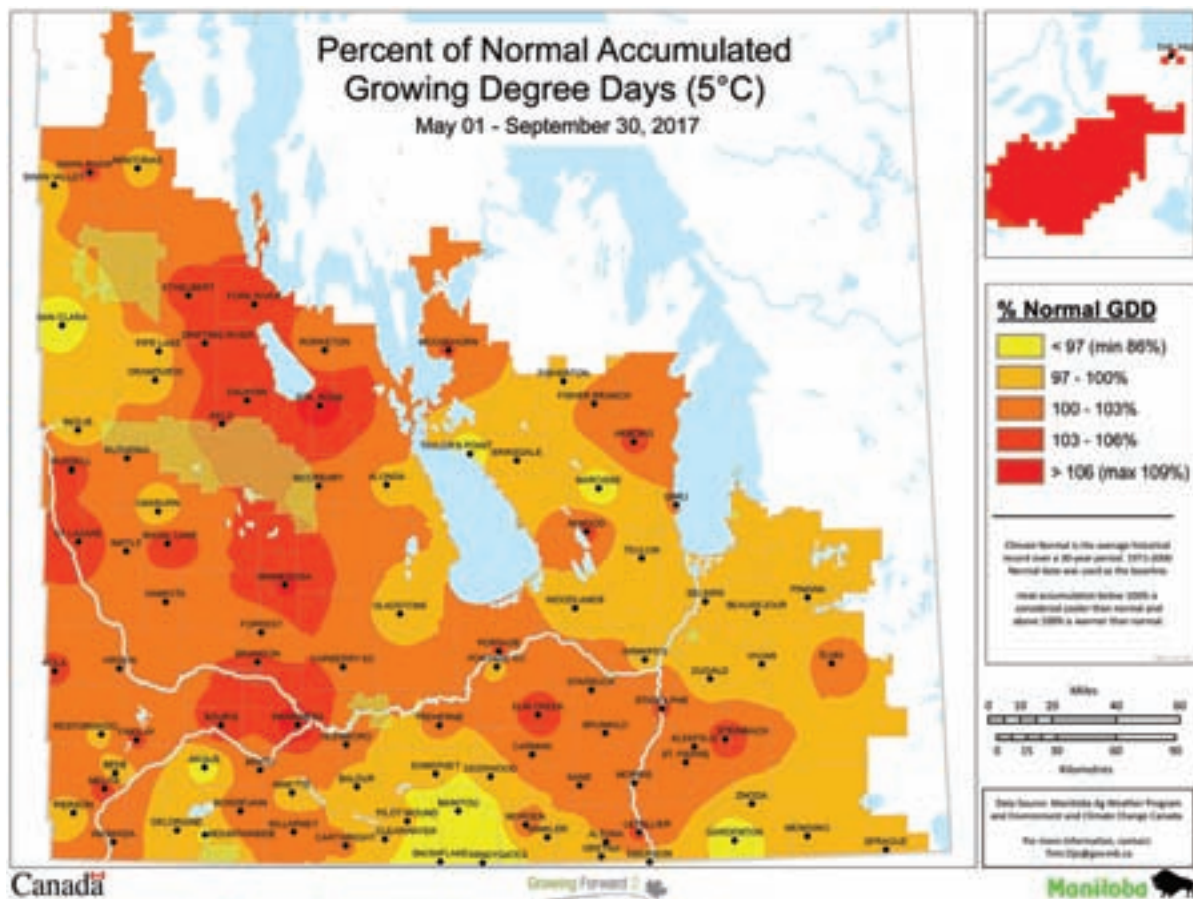
Cumulative Precipitation at Starbuck, MB. 2011-2017













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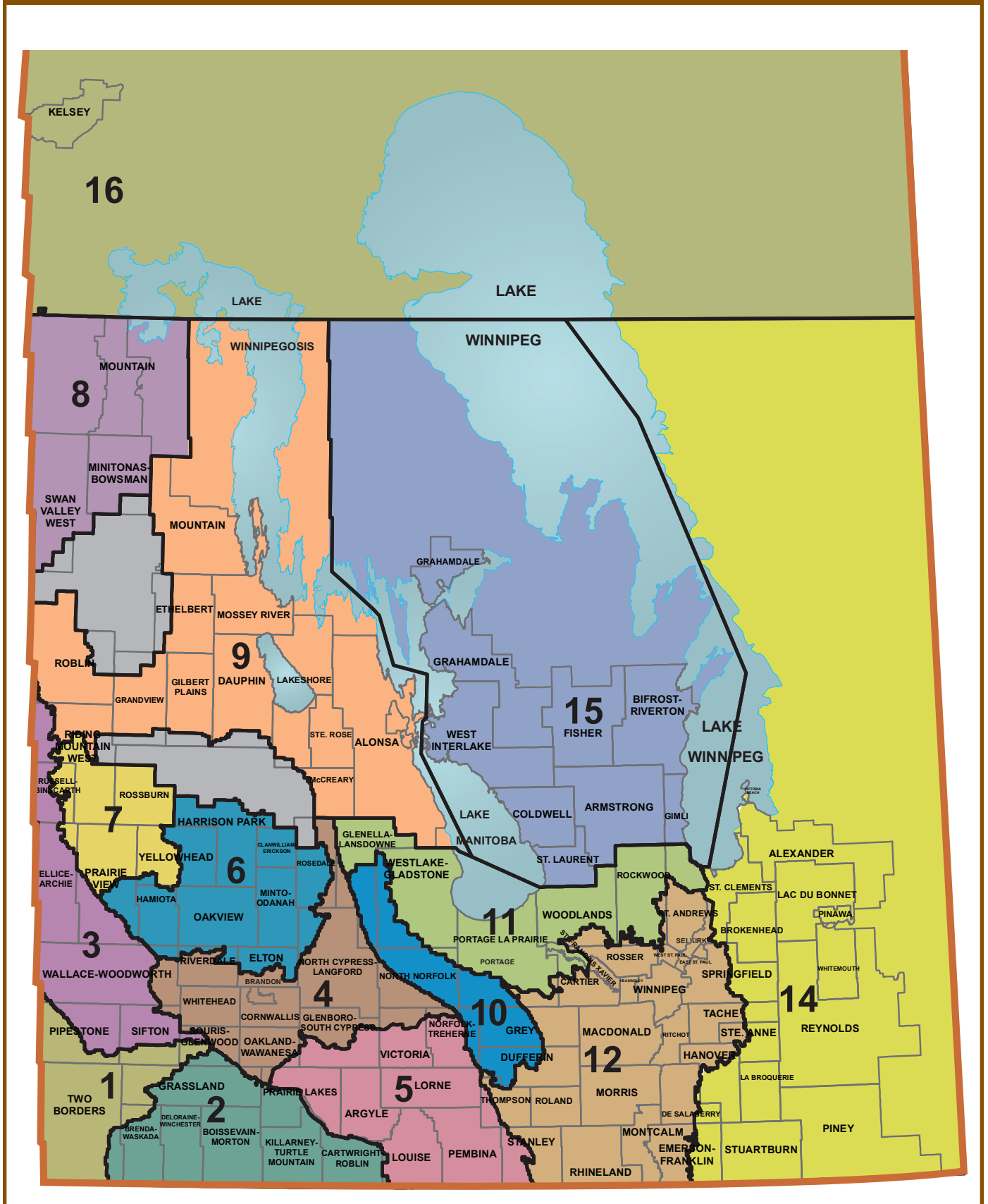
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RISK AREAS



MANITOBA

CANOLA YIELDS BY VARIETY 2013-2017†								MANITOBA	
Variety‡	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres		
L252 (LT)	—	41	45	42	960,372	48	757,194		
L140P (LT)	—	40	45	42	500,460	50	528,893		
L233P (LT)	—	—	—	—	—	52	299,815		
L230 (LT)	—	—	—	—	—	47	149,458		
5440 (LT)	45	37	43	42	188,386	44	110,007		
74-44 BL (RT)	40	37	40	37	101,053	41	97,324		
1022 RR (RT)	—	—	—	39	65,864	43	92,588		
75-65 RR (RT)	—	—	44	36	47,128	41	82,272		
46H75 (ST)	43	35	43	41	75,077	49	67,616		
1012 RR (RT)	41	34	39	38	115,153	41	65,096		
2022CL (ST)	—	—	—	35	34,239	42	64,938		
L241C (LT)	—	—	—	42	44,113	48	52,207		
45H33 (RT)	—	15	43	40	76,067	43	49,832		
6074 RR (RT)	—	—	42	39	23,308	45	49,785		
L157H (LT)	—	—	—	39	14,480	48	48,789		
L130 (LT)	45	37	42	40	163,545	46	48,698		
45M35 (RT)	—	—	—	—	—	45	34,928		
2020 CL (ST)	—	—	36	38	72,513	41	26,909		
1020 RR (RT)	—	—	41	43	26,882	45	25,869		
PV 200 CL (ST)	—	—	36	35	33,936	44	21,738		
PV 540 G (RT)	—	—	—	36	1,363	41	21,226		
CS2100 (RT)	—	—	—	37	5,055	41	20,207		
2024 CL (ST)	—	—	—	—	—	44	18,505		
L261 (LT)	—	40	43	45	31,241	48	15,488		
75-45 RR (RT)	41	34	38	36	12,915	42	15,142		
46M34 (RT)	—	—	—	43	14,758	46	15,083		
45CS40 (RT)	—	—	—	35	4,555	45	15,054		
PV 533 G (RT)	—	—	39	34	38,198	39	14,073		
CS2000 (RT)	—	—	45	35	22,715	43	13,222		
SY4157 (RT)	—	—	41	36	19,129	45	11,184		
45H76 (ST)	41	36	42	36	17,807	42	10,943		
45H75 CL (ST)	46	38	42	41	10,674	49	7,612		
45H31 (RT)	42	34	43	41	17,811	41	7,345		
1990 (RT)	45	35	42	37	29,539	45	7,119		
D3154S (RT)	42	34	47	36	728	42	6,049		
L159 (LT)	42	37	39	37	9,368	37	6,036		
PV 560 GM (RT)	—	—	—	—	—	40	5,938		
D3155C (RT)	—	—	40	40	11,235	36	5,824		
1140 (LT)	25	34	45	46	3,853	52	5,691		
1970 (RT)	43	34	41	34	3,812	40	5,553		
V12-3 (RT)	—	—	—	47	1,571	39	4,812		
1024 RR (RT)	—	—	—	—	—	40	4,341		
PV 581 GC (RT)	—	—	—	—	—	43	4,059		
2012 CL (ST)	38	28	34	34	8,452	41	4,032		
V12-1 (RT)	40	30	42	38	10,328	46	3,997		
45S56 (RT)	—	—	39	36	5,875	45	3,618		
6060 RR (RT)	40	35	40	34	14,093	41	3,604		
V14-1	—	—	—	—	—	41	3,581		
L156H (LT)	44	41	42	37	72,298	54	3,388		
73-75 RR (RT)	42	34	37	35	9,464	39	3,128		
45H29 (RT)	43	36	39	39	9,871	39	2,988		
46A76 (ST)	25	26	28	27	6,228	33	2,821		
VT 500 G (RT)	37	31	35	28	4,978	30	2,801		
SY4187 (RT)	—	—	—	—	—	47	2,629		
1918 (RT)	36	21	33	24	2,679	31	2,488		
PV 530 G (RT)	47	34	38	32	15,142	35	2,444		
D3153 (RT)	41	32	40	38	3,135	46	2,179		
43E03RR (RT)	—	—	39	34	4,089	32	2,178		
6080 RR (RT)	—	—	—	42	2,260	45	2,164		
V22-1 (RT)	—	—	39	34	5,899	39	2,120		
L150 (LT)	44	34	40	40	7,729	54	2,018		
6050 RR (RT)	42	—	38	32	4,281	30	2,016		
6076 CR (RT)	—	—	—	—	—	46	1,946		
5545CL (ST)	—	—	—	—	—	40	1,649		
CS2200 CL (ST)	—	—	—	—	—	47	1,586		
V12-2 (RT)	—	34	40	45	1,365	37	1,435		
46A65	29	24	35	—	—	29	1,401		
74-54 RR (RT)	45	35	38	38	8,382	43	1,387		
C5507	—	—	—	—	—	35	1,346		
SW WIZZARD	17	13	21	18	502	14	1,233		
45H26 (RT)	36	—	37	—	—	52	1,187		
SY4135 (RT)	—	38	41	37	4,232	39	1,119		

† Yields only for those varieties grown on more than 500 acres and by more than 2 growers; ‡ On system as of January 4, 2018;

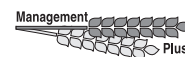
§ Weighted Average Yield and Total Acreage include acres not reported in the table.

¶ For additional characteristic codes, see the key at the end of the Risk Area tables.

CANOLA YIELDS BY VARIETY 2013-2017†							MANITOBA	
Variety‡	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
6064 RR (RT)	—	—	46	—	—	39	1,119	
5525 CL (ST)	41	32	39	28	3,963	40	1,018	
73-65 RR (RT)	35	—	—	—	—	45	1,000	
72-65 RR (RT)	40	32	—	—	—	44	970	
1010 RR (RT)	39	39	—	—	—	40	852	
73-15 RR (RT)	—	29	—	17	620	33	812	
6044 RR (RT)	—	30	42	32	3,597	35	779	
PV 590 GCS (RT)	—	—	—	30	848	43	735	
45A76 (ST)	—	19	50	43	1,014	34	722	
SY4114 (RT)	—	—	—	33	614	30	687	
PV 531 G (RT)	—	—	37	28	765	28	670	
45S54 (RT)	41	32	37	31	5,123	44	640	
5535 CL (ST)	27	31	26	24	1,358	41	613	
SY4166 (RT)	—	—	—	40	5,224	41	609	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§							46.7	3,010,287

WHEAT YIELDS BY VARIETY 2013-2017†							MANITOBA	
Variety‡	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
AAC BRANDON (RS)	68	63	58	55	852,266	70	1,134,420	
CARDALE (RS)	73	58	55	51	370,469	68	229,536	
AAC ELIE (RS)	—	61	58	55	114,515	67	169,431	
FALLER (F)	79	71	68	65	223,913	82	159,659	
GLENN (RS)	61	49	48	48	157,052	61	98,006	
CARBERRY (RS)	62	50	48	45	216,195	59	87,744	
CDC PLENTIFUL (RS)	—	53	50	49	76,977	62	53,408	
PROSPER (F)	85	83	69	68	90,003	79	44,931	
AC DOMAIN (RS)	56	36	41	49	42,940	63	35,345	
AAC PENHOLD (PS)	—	—	64	65	69,694	78	32,736	
HARVEST (RS)	66	53	51	54	121,348	72	32,096	
EMERSON (W)	67	57	66	71	85,838	59	28,993	
SY ROWYN (PS)	—	—	—	61	1,525	77	26,781	
AAC REDWATER (RS)	—	—	—	57	4,144	61	26,363	
5605HR CL (RS)	—	38	52	42	18,650	53	20,248	
CDC STANLEY (RS)	60	46	47	45	28,762	62	17,098	
MUCHMORE (RS)	70	51	52	54	34,457	66	14,919	
AAC GATEWAY (W)	—	70	70	81	16,884	66	13,332	
AAC W1876 (RS)	—	—	47	47	8,071	59	13,196	
AAC CONNERY (RS)	—	—	—	55	2,293	67	10,649	
CDC VR MORRIS (RS)	67	47	45	49	17,107	60	8,853	
AAC VIEWFIELD EXP (RS)	—	—	—	—	—	77	7,134	
CDC TITANIUM (RS)	—	—	—	48	7,378	56	6,309	
WR859 CL (RS)	63	50	51	50	22,745	64	6,174	
ELGIN-ND (F)	—	—	61	59	17,540	68	5,664	
CDC LANDMARK (RS)	—	—	—	—	—	73	5,614	
5604HR CL (RS)	56	47	47	45	15,184	63	5,458	
CDC GO (RS)	63	52	54	56	26,758	68	5,419	
PASTEUR (F)	79	69	62	58	37,387	79	4,272	
CDC BRADWELL (RS)	—	—	—	—	—	64	3,525	
AAC CAMERON VB (RS)	—	—	—	—	—	53	2,944	
AC BARRIE (RS)	56	46	39	39	8,286	42	2,666	
CDC FALCON (W)	69	59	72	79	16,450	66	2,473	
CDC BUTEO (W)	50	38	49	62	6,967	49	2,371	
AC SPLENDOR (RS)	55	40	48	44	2,339	48	2,345	
CDC IMAGINE (RS)	55	41	54	66	1,804	74	2,316	
KANE (RS)	58	47	41	43	8,111	42	2,306	
CDC UTMOST (RS)	62	48	47	48	14,641	46	2,054	
5603 HR (RS)	52	43	40	46	1,570	58	1,942	
MOATS (W)	—	39	56	61	646	60	1,672	
5602HR (RS)	52	33	40	39	3,660	54	1,071	
WASKADA (RS)	54	31	48	42	736	54	902	
AC INTREPID (RS)	50	39	37	28	2,933	37	884	
SY SOVITE (RS)	—	—	—	—	—	71	801	
AAC REDBERRY (RS)	—	—	—	—	—	66	743	
CDC TEAL (RS)	48	30	36	27	1,583	56	666	
MCCLINTOCK (W)	58	40	50	58	2,114	50	658	
AAC BAILEY (RS)	—	—	—	—	—	70	586	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§							68.7	2,347,236

SOYBEAN YIELDS BY VARIETY 2013-2017†							MANITOBA	
Variety‡	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
S007-Y4 RR2Y (RT)	—	38	41	44	103,267	38	180,047	
23-60RY (RT)	—	36	38	40	112,980	34	129,588	



SOYBEAN YIELDS BY VARIETY 2013–2017†							MANITOBA	
Variety‡	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
AKRAS R2 (RT)	—	—	42	41	97,659	36	117,140	
P006T46R (RT)	—	—	—	45	6,902	33	116,353	
24-10RY (RT)	40	35	42	47	75,013	36	96,750	
24-12RY (RT)	—	—	—	50	5,579	33	79,640	
S0009-M2 (RT)	—	—	43	41	34,257	37	72,509	
NSC WATSON RR2Y (RT)	—	—	45	41	27,182	34	71,285	
25-10RY (RT)	42	38	43	47	70,918	34	69,360	
LS 003R24N (RT)	—	36	39	44	47,340	33	65,457	
PS 0027 RR (RT)	—	—	33	33	47,313	28	49,205	
TH 33003R2Y (RT)	37	30	39	39	44,252	34	47,653	
NSC GLADSTONE RR2Y (RT)	—	33	37	40	33,784	32	47,284	
22-60RY (RT)	—	—	38	40	29,952	37	44,977	
ISIS RR (RT)	—	29	35	38	15,951	31	42,933	
TH 33004R2Y (RT)	38	33	37	42	55,389	37	42,709	
MAHONY R2 (RT)	—	—	45	44	17,315	35	40,017	
NSC RICHER RR2Y (RT)	42	38	40	44	77,042	34	38,503	
P006T78R2 (RT)	—	—	43	41	43,984	36	36,800	
P002T04R (RT)	—	29	35	39	27,434	32	32,744	
NSC RESTON RR2Y (RT)	42	31	37	39	43,518	32	30,782	
TH 33005R2Y (RT)	42	37	41	46	32,275	35	30,359	
S006-W5 (RT)	—	—	—	—	—	38	27,580	
PRO 2525R2 (RT)	43	—	34	47	8,624	37	27,133	
DKB005-52 (RT)	—	—	—	54	976	38	26,451	
NSC STARBUCK (RR2X)	—	—	—	48	5,007	32	25,720	
P008T22R2 (RT)	—	36	39	44	32,276	32	24,758	
LS 002R24N (RT)	40	31	37	41	22,373	35	21,031	
P008T70R (RT)	—	42	38	42	58,528	35	20,786	
23-11RY (RT)	—	—	38	40	21,101	32	19,848	
S003-L3 (RT)	—	—	—	46	2,035	36	18,369	
LS ECLIPSE (RT)	—	—	—	44	9,068	37	16,760	
S006-W5 (RT)	—	—	—	47	1,427	36	14,777	
TH ASTRO R2Y (RT)	—	—	—	—	—	32	14,392	
LS 005R22 (RT)	42	35	41	43	22,715	35	14,282	
NSC STARCITY RR2X (RR2X)	—	—	—	—	—	32	13,370	
PS 0035 NR2 (RT)	—	—	38	42	11,011	31	12,961	
OAC PRUDENCE	34	27	35	32	19,584	23	12,670	
MCLEOD R2 (RT)	41	33	37	39	18,738	32	11,775	
S001-B1 (RT)	—	—	—	47	854	35	11,603	
PS 0074 R2 (RT)	—	39	41	43	14,687	36	11,478	
NSC WARREN RR (RT)	30	31	38	30	10,084	26	11,241	
TH 34006R2Y (RT)	—	36	40	45	7,890	35	11,062	
P005T13R (RT)	—	—	—	46	3,526	32	10,932	
GRAY R2 (RT)	—	35	42	44	8,507	34	9,952	
NSC LEROY RR2Y (RT)	—	—	—	—	—	33	9,892	
NOTUS R2 (RT)	—	—	40	39	6,455	35	9,697	
LONO R2 (RT)	—	—	—	47	1,945	33	9,614	
NSC ARNAUD RR2Y (RT)	—	—	45	40	7,974	33	9,348	
DYLANO R2X (RT)	—	—	—	—	—	33	9,192	
LS MAIDAN (RT)	—	—	43	48	11,773	37	9,130	
NSC AUSTIN RR2Y (RT)	—	—	—	44	1,781	36	8,736	
LS MISTRAL (RT)	—	—	—	43	725	38	8,392	
TORRO R2 (RT)	—	—	—	—	—	36	8,340	
LS 003R22 (RT)	36	34	38	40	7,000	33	7,138	
TH 87003R2X (RR2X)	—	—	—	46	617	34	6,477	
TH 3303R2Y (RT)	—	—	38	42	3,284	34	6,327	
ASTRO R2 (RT)	43	40	42	44	19,825	35	6,194	
NSC JORDAN RR2Y (RT)	—	—	—	—	—	34	5,996	
DKB008-81 (RT)	—	—	—	46	1,661	36	5,943	
P002A63R (RT)	—	—	—	—	—	34	5,535	
DOMINGO R2X (RR2X)	—	—	—	43	1,866	34	5,517	
LS SOLAIRE (RT)	—	—	—	—	—	32	5,508	
PV10S005RR2 (RT)	—	—	—	—	—	35	5,268	
DUGALDO R2X (RR2X)	—	—	—	47	575	36	4,920	
P007A90R (RT)	—	—	—	—	—	36	4,909	
TH 33004R2Y (RT)	—	—	35	45	6,589	32	4,759	
BARKER R2X	—	—	—	—	—	29	4,620	
NSC TILSTON RR2Y (RT)	46	36	39	44	9,750	33	4,246	
TH 37004 R2Y (RT)	—	—	—	—	—	35	4,239	
KOSMO R2 (RT)	—	—	—	—	—	34	4,118	
23-10RY (RT)	35	31	35	37	5,448	36	4,104	
LS 005R21 (RT)	42	36	45	48	3,033	33	3,500	
DARIO R2X (RT)	—	—	—	—	—	32	3,395	
NSC ANOLA RR2Y (RT)	38	32	41	42	9,996	35	3,230	
HS 006RYS24 (RT)	39	35	35	46	3,279	29	3,019	
P002A19X (RR2X)	—	—	—	—	—	33	2,948	

† Yields only for those varieties grown on more than 500 acres and by more than 2 growers; ‡ On system as of January 4, 2018;

§ Weighted Average Yield and Total Acreage include acres not reported in the table.

¶ For additional characteristic codes, see the key at the end of the Risk Area tables.

SOYBEAN YIELDS BY VARIETY 2013–2017†							MANITOBA	
Variety‡	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
NSC LIBAU RR2Y (RT)	37	33	40	38	5,662	33	2,900	
BARRON R2X (RR2X)	—	—	—	38	777	32	2,790	
S008-N2 (RT)	—	—	—	—	—	37	2,737	
0066 XR (RR2X)	—	—	—	40	564	32	2,729	
LS NORTHWESTER (RT)	—	32	37	37	10,603	31	2,647	
LS 002R23 (RT)	38	31	37	46	2,470	34	2,572	
P000A87R (RT)	—	—	—	—	—	32	2,375	
LS 005R24 (RT)	—	38	40	41	6,135	35	2,306	
SR006HP	—	—	—	36	1,384	27	2,236	
NSC SANFORD R2Y (RT)	—	—	42	49	7,310	31	2,197	
LS 0028RR (RT)	—	32	26	29	1,932	22	2,168	
P001T34R (RT)	—	21	29	34	1,696	22	2,077	
AAC EDWARD	—	—	—	—	—	18	2,067	
S001-B1 (RT)	—	—	—	—	—	34	2,030	
OAC ERIN	41	34	37	30	1,854	26	2,005	
BISHOP R2 (RT)	41	35	35	43	5,228	34	1,888	
LS 0036RR (RT)	29	—	39	48	578	25	1,724	
27005RR (RT)	—	—	—	43	2,330	35	1,704	
25-04R (RT)	43	—	—	—	—	38	1,642	
TH 27003RR (RT)	32	28	41	46	1,784	37	1,593	
PS 0055 R2 (RT)	—	—	—	39	645	32	1,554	
90A07	—	—	—	—	—	37	1,503	
90A06 (RT)	36	—	—	—	—	36	1,500	
HERO R2 (RT)	—	33	41	48	2,301	41	1,411	
P0007A43R (RT)	—	—	—	—	—	28	1,350	
TH 36007R2Y (RT)	—	—	—	51	1,145	38	1,316	
S0009-D6 (RT)	—	—	—	—	—	33	1,168	
HYDRA R2 (RT)	—	—	—	—	—	29	1,127	
P005A27X (RR2X)	—	—	—	—	—	33	1,115	
EXP114 RR2X (RR2X)	—	—	—	42	1,233	37	1,108	
26006RR (RT)	—	—	—	—	—	33	1,090	
25-52R (RT)	—	—	—	—	—	31	1,044	
NSC GREENRIDGE RR2Y	—	—	—	—	—	34	988	
DKB006-29 (RR2X)	—	—	—	—	—	38	917	
OPUS	—	—	—	—	—	34	902	
PRO 2535R2	—	—	—	—	—	29	884	
FOOTE R2 (RT)	—	—	—	—	—	33	878	
GS 00154	—	—	—	—	—	21	858	
PS 00095 R2 (RT)	—	—	—	—	—	31	850	
ACCORD	—	—	—	41	527	21	811	
900Y61 (RT)	37	30	35	40	7,899	29	751	
90M01 (RT)	38	20	—	—	—	28	731	
TH 33006R2Y (RT)	—	—	44	53	2,600	29	724	
TH 88008 R2X	—	—	—	—	—	36	698	
24-60RY (RT)	45	—	37	—	—	31	631	
S00-B7 (RT)	38	31	—	—	—	31	575	
TH 24004RR (RT)	41	34	35	41	999	30	574	
MAXUS	—	—	—	—	—	34	528	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§							34.2	2,217,469

OATS YIELDS BY VARIETY 2013–2017†							MANITOBA	
Variety‡	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
SUMMIT	122	110	114	116	108,020	138	161,355	
CS CAMDEN	—	—	130	125	48,860	140	129,473	
SOURIS	114	97	101	101	88,995	111	72,084	
PINNACLE	98	73	85	94	11,647	103	12,318	
FURLONG	108	90	94	97	12,863	101	7,435	
BIG BROWN	—	85	99	109	3,493	122	5,495	
AC MORGAN	111	91	73	97	3,485	110	4,878	
LEGGETT	89	75	81	86	7,329	84	4,778	
RONALD	118	109	99	80	5,477	142	4,580	
CDC DANCER	92	66	84	97	4,139	77	2,699	
TRIACITOR	117	104	105	101	6,101	128	2,409	
STRIDE	128	85	101	96	4,132	96	2,212	
AC ASSINIBOIA	78	59	71	92	1,806	84	2,181	
HAYWIRE	—	—	125	128	1,604	149	2,051	
TRIPLE CROWN	83	53	67	66	3,249	79	1,963	
AAC JUSTICE	—	—	102	105	4,280	93	1,726	
GEHL	52	70	62	70	986	86	1,695	
CDC SO-I	77	—	64	82	1,150	63	1,694	
CDC HAYMAKER	—	—	91	74	1,049	104	1,413	
CDC MORRISON	—	73	115	87	1,129	143	1,305	
RIEL	95	73	105	—	—	113	1,017	





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OATS YIELDS BY VARIETY 2013–2017†							MANITOBA	
Variety‡	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
CDC BALER	—	45	106	89	1,061	102	918	
ROBERT	65	30	58	51	898	54	760	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§							128.2	434,214

CORN YIELDS BY VARIETY 2013–2017†							MANITOBA	
Variety‡	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
P7632AM (BT)(LT)(RT)	—	—	140	147	68,201	133	67,460	
P7958AM	—	99	147	149	60,596	142	53,156	
P7211HR	—	—	—	142	19,248	129	34,006	
P7332R (RT)	—	101	134	141	21,592	132	32,381	
DKC33-78RIB (RIB)	—	—	—	176	3,964	156	25,873	
P7527AM (LT)(RT)	—	—	—	—	—	136	20,493	
P7202AM (HX1)(LT)(RT)	—	—	—	134	5,132	122	15,842	
TH 7578 VT2P RIB (RIB)	—	—	133	147	7,597	130	15,238	
DKC27-55RIB (BT)(RIB)	—	—	—	144	12,043	137	10,862	
39V09AM (BT)(HX1)(LT)(RT)	—	—	—	153	14,621	141	10,776	
P7410HR (HX1)(LT)(RT)	—	—	138	152	3,435	131	8,640	
DKC26-28RIB (BT)(RIB)(RT)	132	115	135	144	8,075	136	7,449	
39V05 (RT)	150	126	139	152	8,619	127	6,948	
DKC23-17RIB (VT2P)(RIB)	—	—	—	124	3,607	119	6,811	
A4199G2 RIB (VT2P)(RIB)	—	—	—	133	4,161	129	5,858	
P7005AM (BT)(HX1)(LT)(RT)	—	—	—	118	3,277	109	4,996	
A4939G2 RIB (RIB)	—	—	—	170	1,485	155	4,425	
P7632HR (BT)(RT)	141	120	142	149	7,208	140	3,563	
TH 7677 VT2P RIB (RIB)	—	—	143	146	3,938	124	3,503	
DKC30-07 (RT)	153	126	154	157	4,621	147	3,254	
P8387AM (BT)(HX1)(LT)(RT)	—	—	—	164	784	143	3,155	
MZ 1633DBR (RT)	—	87	123	156	1,888	130	2,406	
LR9573VT2PRIB (VT2P)(RIB)	—	—	—	135	2,875	121	2,216	
DKC32-12RIB (RIB)(RT)	—	—	—	175	1,129	164	1,975	
TH 7673 (VT2P)(RIB)	—	—	—	131	2,410	127	1,827	
DKC30-19RIB (RIB)	—	—	—	—	—	125	1,692	
39D95 (BT)(LT)(RT)	135	110	131	121	9,530	115	1,686	
P8542AM (BT)(HX1)(LT)(RT)	—	—	—	—	—	159	1,663	
TH 7574 VT2P RIB (RIB)(RT)	—	119	121	131	876	127	1,498	
DKC30-07RIB (RIB)	—	128	151	166	2,904	146	1,350	
A4631G2 RIB (RIB)	—	130	129	129	1,420	141	1,312	
MZ 1340DBR (RIB)	—	—	—	—	—	140	1,256	
DKC27-54	130	—	—	—	—	109	1,229	
LR 9676VT2PRIB (VT2P)(RIB)	—	—	—	160	933	113	1,190	
TH 7681 VT2P (RIB)	—	—	—	—	—	119	837	
P8210HR (BT)(LT)(RT)	—	113	139	170	1,159	129	825	
PS 2210VT2P RIB (RIB)	—	—	—	—	—	95	742	
TH 4578 RR (RT)	—	—	143	153	965	142	704	
2155	—	—	—	—	—	124	698	
4093 (BT)(LT)(RT)	138	—	140	133	1,096	140	626	
4085 (HX1)(LT)(RT)	—	—	—	—	—	115	618	
P7213R (RT)	104	78	112	112	3,740	127	595	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§							134.7	382,344

BARLEY* YIELDS BY VARIETY 2013–2017†							MANITOBA	
Variety‡	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
CDC AUSTENSON	101	70	80	78	74,008	88	49,311	
CONLON	82	68	69	73	68,472	98	47,548	
AAC SYNERGY	—	—	—	77	32,026	91	19,688	
CDC COPELAND	78	56	64	70	20,257	82	19,523	
CELEBRATION	86	66	71	71	33,099	84	17,100	
AC METCALFE	73	52	64	58	24,981	75	14,196	
NEWDALE	83	58	74	69	23,862	77	13,182	
TRADITION	84	62	73	69	16,318	91	10,346	
CANMORE	—	—	—	80	3,454	100	9,279	
CHAMPION	91	61	66	65	12,549	77	6,340	
BENTLEY	77	61	70	71	10,077	66	4,931	
CDC COWBOY	60	40	54	54	2,131	43	2,190	
CDC KINDERSLEY	—	—	64	70	2,543	62	1,377	
LEGACY	77	47	64	68	2,708	76	1,200	
CDC MEREDITH	89	61	59	—	—	67	1,152	
STELLAR-ND	72	55	68	62	2,988	59	1,110	
ROBUST	74	70	74	32	1,128	64	914	
BEDFORD	—	—	—	—	—	89	911	
CDC MAVERICK	—	—	—	58	804	48	872	
LACEY	81	68	74	63	2,748	65	850	

† Yields only for those varieties grown on more than 500 acres and by more than 2 growers; ‡ On system as of January 4, 2018;

§ Weighted Average Yield and Total Acreage include acres not reported in the table.

¶ For additional characteristic codes, see the key at the end of the Risk Area tables.

BARLEY* YIELDS BY VARIETY 2013–2017†							MANITOBA	
Variety‡	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
DESPERADO	62	56	62	81	665	92	631	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§							86.1	228,661

DRY BEAN YIELDS BY VARIETY 2013–2017†							MANITOBA	
Variety‡	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
WINDBREAKER (PINTO)	2,282	1,801	2,161	1,744	36,634	2,388	39,419	
ECLIPSE (BLACK)	1,986	1,530	1,834	1,609	15,527	2,110	18,732	
T9905 (WHITE PEA)	2,216	1,918	1,905	1,967	13,979	2,136	18,456	
MONTERREY (PINTO)	—	—	1,898	1,314	5,729	2,202	4,527	
SV6533GR (PINTO)	—	—	—	2,154	600	2,324	3,977	
CHIANTI (CRANBERRY)	—	1,757	2,028	2,039	1,346	2,015	3,830	
ENVOY (WHITE PEA)	2,308	1,433	1,576	1,949	2,433	1,444	3,683	
RED HAWK (KIDNEY)	—	—	1,232	1,001	3,320	1,691	3,584	
INDI (WHITE PEA)	—	1,188	1,607	2,487	2,406	2,046	3,460	
PINK PANTHER (KIDNEY)	1,991	1,241	1,788	1,351	5,540	2,152	3,367	
CDC SUPERJET (BLACK)	—	—	1,784	1,579	1,047	1,003	2,180	
BERYL (OTHER)	2,886	1,658	—	—	—	2,502	1,594	
CRIMSON (CRANBERRY)	—	1,896	2,072	—	—	2,416	1,546	
PINK FLOYD (OTHER)	2,099	1,645	2,150	2,412	1,700	2,154	1,190	
ETNA (CRANBERRY)	1,038	1,413	1,949	—	—	1,799	1,187	
VIBRANT (PINTO)	—	—	—	—	—	2,635	1,053	
MONTCALM (KIDNEY)	—	1,279	1,631	937	1,220	1,748	889	
T9903 (WHITE PEA)	2,083	1,464	1,382	2,000	1,002	2,077	789	
AC PINTOBA (PINTO)	—	—	—	1,292	666	2,185	711	
LARIAT (PINTO)	—	—	—	—	—	2,491	565	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§							2161.7	121,070

FIELD PEA YIELDS BY VARIETY 2013–2017†							MANITOBA	
Variety‡	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
CDC MEADOW	47	31	42	39	68,076	55	20,034	
CDC AMARILLO	—	—	47	37	13,746	49	18,288	
AGASSIZ	58	35	51	27	48,390	55	6,190	
ABARTH	—	—	—	43	6,776	56	3,263	
AAC CARVER	—	—	—	40	1,381	71	2,998	
4010	27	24	31	27	2,575	32	2,415	
CDC SAFFRON	—	—	—	60	2,220	70	2,034	
AAC LACOMBE	—	—	—	—	—	59	1,480	
LIVIOLETTA	37	24	42	20	1,368	53	1,241	
AAC ARDILL	—	—	—	34	4,116	54	779	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§							53.1	62,712

SUNFLOWER YIELDS BY VARIETY 2013–2017†							MANITOBA	
Variety‡	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
6946 DMR (C)	2,130	1,506	1,620	1,598	15,928	2,123	18,396	
P63ME70 (O)	2,485	1,967	1,746	1,627	12,620	2,317	10,707	
P63ME80 (O)	—	1,345	1,843	1,523	5,900	2,332	6,195	
TALON (O)	—	1,292	1,537	1,609	5,386	1,790	4,519	
6946 (C)	1,759	1,257	1,603	1,226	5,170	2,366	3,110	
P63M80 (O)	1,989	1,839	1,695	1,896	591	1,792	3,037	
MYCOGEN 8H288DM (O)	—	—	—	—	—	1,786	1,660	
COBALT II (ST) (C)	1,859	1,314	1,305	1,691	2,148	1,587	1,460	
JAGUAR DMR (C)	1,962	1,598	1,579	1,653	4,347	1,585	1,168	
8N270CLDM (O)	2,008	1,528	1,574	1,854	4,020	2,064	900	
N4HM354 (O)	—	—	—	—	—	2,231	806	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§							2088.5	55,501

FLAX YIELDS BY VARIETY 2013–2017†							MANITOBA	
Variety‡	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
CDC BETHUNE	27	20	21	21	18,129	27	9,982	
CDC SORREL	29	20	22	17	10,948	28	7,241	
CDC GLAS	—	28	28	26	12,545	35	6,376	
LIGHTNING	31	24	23	25	6,960	24	4,971	
AAC BRAVO	—	—	19	25	2,736	33	2,514	
HANLEY	31	22	26	30	2,745	36	2,272	
WESTLIN 72	—	—	—	—	—	40	928	
WESTLIN 70	—	25	22	16	1,990	19	830	
CDC NEELA	—	—	—	—	—	31	651	
WESTLIN 71	—	—	26	21	986	32	623	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§							29.5	40,483



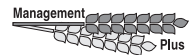
RISK AREA 1

CANOLA YIELDS BY VARIETY 2013-2017†							RISK AREA 1	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
L252 (LT)	—	34	34	36	34,377	36	25,967	
L140P (LT)	—	—	33	35	12,004	38	19,019	
L233P (LT)	—	—	—	—	—	40	8,332	
1022 RR (RT)	—	—	—	35	7,600	38	6,318	
L230 (LT)	—	—	—	—	—	40	5,642	
2022CL (ST)	—	—	—	25	832	31	5,291	
75-65 RR (RT)	—	—	—	36	2,896	33	5,203	
6074 RR (RT)	—	—	—	38	1,430	49	4,700	
L157H (LT)	—	—	—	—	—	33	4,491	
46H75 (ST)	15	29	30	30	3,866	37	4,208	
74-44 BL (RT)	25	37	32	36	4,728	33	4,115	
45H33 (RT)	—	—	32	31	4,258	34	2,864	
L211C (LT)	—	—	—	39	1,285	38	2,512	
5440 (LT)	32	26	32	34	6,408	32	2,359	
L261 (LT)	—	28	33	44	1,910	37	2,034	
L159 (LT)	27	29	32	30	1,230	33	2,010	
1012 RR (RT)	28	30	32	30	3,276	26	1,446	
45M35 (RT)	—	—	—	—	—	33	1,389	
2020 CL (ST)	—	—	33	31	1,142	35	1,228	
PV 540 G (RT)	—	—	—	—	—	34	1,178	
CS2000 (RT)	—	—	—	31	525	30	1,012	
CS2100 (RT)	—	—	—	—	—	32	851	
L130 (LT)	29	32	29	33	5,261	34	814	
45CS40 (RT)	—	—	—	—	—	38	650	
46M34 (RT)	—	—	—	—	—	32	566	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§						36.2	120,910	

WHEAT YIELDS BY VARIETY 2013-2017†							RISK AREA 1	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
AAC BRANDON (RS)	—	—	45	46	40,639	49	40,782	
AAC ELIE (RS)	—	—	43	52	10,863	49	14,440	
CARBERRY (RS)	42	34	38	39	27,443	45	7,828	
EMERSON (W)	—	—	49	55	6,546	49	4,659	
GLENN (RS)	36	37	39	40	6,859	37	3,423	
5605HR CL (RS)	—	—	—	31	1,515	40	2,205	
CARDALE (RS)	—	—	38	32	2,826	30	2,090	
AAC GATEWAY (W)	—	—	—	—	—	37	1,639	
AAC CAMERON VB (RS)	—	—	—	—	—	44	1,603	
CDC GO (RS)	47	34	41	42	6,528	41	1,472	
PROSPER (F)	—	—	—	64	2,157	55	1,328	
CDC VR MORRIS (RS)	—	39	28	28	839	36	1,050	
CDC BUTEO (W)	37	16	50	62	2,529	37	837	
AAC PENHOLD (PS)	—	—	—	—	—	31	730	
MCCLINTOCK (W)	51	21	46	53	753	50	642	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§						46.3	91,188	

SOYBEAN YIELDS BY VARIETY 2013-2017†							RISK AREA 1	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
AKRAS R2 (RT)	—	—	—	41	7,815	32	14,315	
S007-Y4 RR2Y (RT)	—	—	39	40	3,638	34	12,917	
ISIS RR (RT)	—	—	—	35	1,950	31	10,677	
23-60RY (RT)	—	—	33	39	5,036	34	9,141	
NSC RESTON RR2Y (RT)	—	30	33	37	6,159	28	6,182	
P006T78R2 (RT)	—	—	—	41	3,138	31	3,029	
TH 32004R2Y (RT)	—	—	30	38	3,951	32	2,524	
NSC TILSTON RR2Y (RT)	—	—	38	38	1,773	33	1,765	
22-60RY (RT)	—	—	—	37	3,067	37	1,286	

† Yields only for those varieties grown on more than 500 acres and by more than 2 growers; ‡ On system as of January 4, 2018;
§ Weighted Average Yield and Total Acreage include acres not reported in the table. * Assuming 48 lbs./bu.
¶ For additional characteristic codes, see the key at the end of the Risk Area tables.



High Value Faller & Prosper wheat

Faller dealers listed below. Prosper seed available exclusively through Richardson Pioneer.

Walt Smith - Seed Depot	(204) 825-2000	Jeffries Seed Service	(204) 827-2102
Bergen Seed Farm	(204) 736-2278	LD Seeds	(204) 324-5798
Boissevain Select Seeds	(204) 534-6846	MB Seeds Ltd.	(204) 746-4652
Clearview Acres Ltd.	(204) 748-2666	Miller Agritec	(204) 267-2363
Court Seeds	(204) 386-2354	Nickel Bros.	(204) 773-6734
Dauphin Plains Seeds Ltd.	(204) 638-7800	Parent Bros. Inc.	(204) 737-3000
Derrick Beischer	(204) 564-2117	Pitura Seed Service Ltd.	(204) 736-2849
Durand Seeds Inc.	(204) 248-2268	R-Way Ag Ltd.	(866) 398-9643
Ellis Farm Supplies Ltd.	(204) 824-2290	Red River Seeds Ltd.	(204) 746-4779
Ens Quality Seed	(204) 325-4658	Redsper Enterprises Ltd.	(204) 328-5346
Fisher Seeds	(204) 622-8800	RJP Seed Ltd.	(204) 745-3304
Foster Ag Services Inc.	(204) 364-2358	Rutherford Farms Ltd.	(204) 467-5613
Friesen Seeds Ltd.	(204) 746-8325	Seine River Seed Farm Ltd.	(204) 355-4495
Gerrard Family Seeds	(204) 365-0321	Triple "S" Seed Ltd.	(204) 546-2590
Hulme Agra Products Inc.	(204) 685-2627	Unger Seed Farm Ltd.	(204) 467-8630
J.S. Henry & Son Ltd.	(204) 566-2422	Willis Agro Ltd.	(204) 461-0386
James Farms Ltd.	(204) 222-8785	Wheat City Seeds Ltd.	(204) 727-3337
Janzen Seeds	(204) 829-7749	Wilson Seeds Ltd.	(204) 246-2119
		Zegers Seed Farm	(204) 526-2145

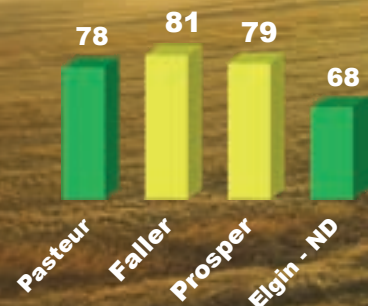
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2017 Seed MB Data

- ✓ **120% yield of CWRS**
- ✓ **FHB Resistance - Intermediate**
- ✓ **I-MR to Leaf & Stem Rust**
- ✓ **Lodging - Midrange**
- ✓ **1 day earlier than Carberry**
- ✓ **Semi Dwarf - 1" taller than Carberry**
- ✓ **Susceptible to Stripe Rust**

Yield MB 2018 Real Farm Yields



Working Hard ...
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SOYBEAN YIELDS BY VARIETY 2013–2017†							RISK AREA 1	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
TH 33003R2Y (RT)	—	—	37	—	—	38	1,132	
NSC WATSON RR2Y (RT)	—	—	—	24	767	22	909	
PS 0027 RR (RT)	—	—	—	—	—	19	770	
P005T13R (RT)	—	—	—	—	—	29	671	
P006T46R (RT)	—	—	—	—	—	26	581	
NSC STARCITY RR2X (RR2X)	—	—	—	—	—	26	545	
S0009-M2 (RT)	—	—	—	—	—	32	534	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§						31.9	73,770	

OATS YIELDS BY VARIETY 2013–2017†							RISK AREA 1	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
SUMMIT	113	67	78	100	5,762	101	13,002	
SOURIS	89	63	75	94	8,128	87	11,190	
PINNACLE	80	71	80	98	4,077	99	6,605	
CS CAMDEN	—	—	—	113	851	84	2,664	
LEGGETT	65	57	66	89	2,933	92	2,102	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§						93.2	37,247	

CORN YIELDS BY VARIETY 2013–2017†							RISK AREA 1	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
P7202AM (HX1)(LT)(RT)	—	—	—	—	—	93	1,182	
P7332R (RT)	—	—	106	99	918	113	953	
P7211HR	—	—	—	110	854	118	720	
P7527AM (LT)(RT)	—	—	—	—	—	98	510	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§						105.4	5,761	

BARLEY* YIELDS BY VARIETY 2013–2017†							RISK AREA 1	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
CELEBRATION	59	53	55	68	3,666	60	2,297	
CDC COPELAND	63	—	57	64	5,248	64	1,808	
AAC SYNERGY	—	—	—	80	3,475	77	595	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§						65.5	8,540	

FIELD PEA YIELDS BY VARIETY 2013–2017†							RISK AREA 1	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
CDC MEADOW	20	18	41	34	4,722	45	2,345	
CDC AMARILLO	—	—	—	36	2,003	38	1,919	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§						41.8	4,275	

SUNFLOWER YIELDS BY VARIETY 2013–2017†							RISK AREA 1	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
6946 DMR (C)	—	—	—	1,680	3,366	1,609	5,978	
TALON (O)	—	—	1,775	1,543	1,645	1,755	2,593	
P63ME70 (O)	—	—	—	1,191	1,066	1,583	1,217	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§						1539.5	13,143	

FLAX YIELDS BY VARIETY 2013–2017†							RISK AREA 1	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
CDC BETHUNE	21	12	18	21	3,632	21	2,338	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§						20.5	3,755	

RISK AREA 2

CANOLA YIELDS BY VARIETY 2013–2017†							RISK AREA 2	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
L252 (LT)	—	35	41	40	112,715	47	80,691	
L140P (LT)	—	42	44	39	47,225	47	62,620	
L233P (LT)	—	—	—	—	—	50	33,652	
L230 (LT)	—	—	—	—	—	47	23,649	
74-44 BL (RT)	41	39	39	37	18,247	43	16,636	
5440 (LT)	43	36	39	38	17,373	43	9,812	
6074 RR (RT)	—	—	41	31	1,724	46	7,585	
L157H (LT)	—	—	—	44	1,418	46	7,331	

CANOLA YIELDS BY VARIETY 2013–2017†							RISK AREA 2	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
1022 RR (RT)	—	—	—	35	5,742	41	6,125	
2022CL (ST)	—	—	—	35	1,925	45	6,120	
75-65 RR (RT)	—	—	—	34	3,797	42	5,991	
L241C (LT)	—	—	—	39	8,423	46	5,610	
L130 (LT)	43	37	41	38	24,340	46	5,488	
PV 540 G (RT)	—	—	—	—	—	40	3,450	
46H75 (ST)	45	40	40	44	3,438	46	3,127	
PV 200 CL (ST)	—	—	—	32	5,057	42	3,041	
L261 (LT)	—	39	44	42	4,918	45	2,826	
2020 CL (ST)	—	—	36	35	8,987	34	2,381	
L159 (LT)	43	39	36	41	2,269	43	2,246	
75-45 RR (RT)	—	32	—	34	917	41	1,791	
45M35 (RT)	—	—	—	—	—	41	1,749	
45H33 (RT)	—	—	44	34	3,991	37	1,463	
1012 RR (RT)	37	32	35	34	3,912	31	1,426	
PV 533 G (RT)	—	—	37	29	8,985	45	1,226	
SY4157 (RT)	—	—	41	34	4,768	44	1,204	
PV 560 GM (RT)	—	—	—	—	—	42	734	
CS2000 (RT)	—	—	—	30	1,198	46	630	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§						46.1	307,010	

WHEAT YIELDS BY VARIETY 2013–2017†							RISK AREA 2	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
AAC BRANDON (RS)	—	67	54	55	99,184	64	142,755	
AAC ELIE (RS)	—	—	59	59	32,068	64	40,799	
CARDALE (RS)	—	53	52	50	29,350	56	17,721	
CARBERRY (RS)	59	49	47	48	34,032	51	13,200	
GLENN (RS)	59	51	53	51	17,580	65	11,233	
CDC PLENTIFUL (RS)	—	51	56	49	9,929	58	9,692	
PROSPER (F)	—	64	70	72	9,896	75	9,431	
FALLER (F)	76	70	68	66	19,637	75	7,163	
AAC W1876 (RS)	—	—	—	50	4,137	60	5,486	
ELGIN-ND (F)	—	—	59	60	7,463	67	4,292	
5605HR CL (RS)	—	—	—	39	1,924	52	2,840	
EMERSON (W)	—	49	59	77	4,376	68	2,583	
MUCHMORE (RS)	67	51	54	52	10,290	66	1,826	
HARVEST (RS)	64	55	54	46	6,761	61	1,167	
AAC GATEWAY (W)	—	—	—	78	826	65	1,124	
SY ROWYN (PS)	—	—	—	—	—	66	880	
AAC PENHOLD (PS)	—	—	—	59	4,604	55	695	
WR859 CL (RS)	61	55	50	40	2,815	62	657	
CDC GO (RS)	62	51	56	59	13,575	74	577	
AAC VIEWFIELD EXP (RS)	—	—	—	—	—	71	550	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§						63.3	278,115	

SOYBEAN YIELDS BY VARIETY 2013–2017†							RISK AREA 2	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
S007-Y4 RR2Y (RT)	—	—	36	44	13,964	40	37,469	
AKRAS R2 (RT)	—	—	—	40	20,649	37	21,479	
23-60RY (RT)	—	—	33	40	15,374	37	18,819	
ISIS RR (RT)	—	—	36	44	5,992	35	14,650	
TH 32004R2Y (RT)	44	37	35	44	13,764	39	14,161	
P006T46R (RT)	—	—	—	—	—	33	9,592	
NSC WATSON RR2Y (RT)	—	—	—	34	1,876	38	7,773	
22-60RY (RT)	—	—	—	45	5,456	40	7,629	
S0009-M2 (RT)	—	—	—	40	3,864	38	5,375	
P006T78R2 (RT)	—	—	—	43	7,159	37	5,239	
NSC RESTON RR2Y (RT)	—	36	37	41	14,401	33	4,423	
LS 002R24N (RT)	—	—	19	46	1,766	35	4,368	
MAHONY R2 (RT)	—	—	—	47	2,008	39	3,740	
LS 003R24N (RT)	—	—	—	—	—	36	3,578	
S003-L3 (RT)	—	—	—	—	—	34	2,929	
TH 33003R2Y (RT)	35	27	37	47	3,289	40	2,646	
NOTUS R2 (RT)	—	—	—	34	1,926	39	2,474	
P005T13R (RT)	—	—	—	—	—	34	2,274	
NSC GLADSTONE RR2Y (RT)	—	—	32	47	810	39	1,884	
PS 0035 NR2 (RT)	—	—	35	48	1,754	37	1,832	
23-11RY (RT)	—	—	37	—	—	35	1,592	

† Yields only for those varieties grown on more than 500 acres and by more than 2 growers; ‡ On system as of January 4, 2018;

§ Weighted Average Yield and Total Acreage include acres not reported in the table.

¶ For additional characteristic codes, see the key at the end of the Risk Area tables.

* Assuming 48 lbs./bu.





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SOYBEAN YIELDS BY VARIETY 2013–2017†							RISK AREA 2	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
S006-W5 (RT)	—	—	—	—	—	34	1,513	
DKB005-52 (RT)	—	—	—	—	—	43	1,458	
MCLEOD R2 (RT)	—	31	36	44	720	39	1,118	
TORRO R2 (RT)	—	—	—	—	—	37	1,097	
P000A87R (RT)	—	—	—	—	—	31	980	
DARIO R2X (RT)	—	—	—	—	—	34	898	
DYLANO R2X (RT)	—	—	—	—	—	36	870	
NSC LEROY RR2Y (RT)	—	—	—	—	—	33	848	
NSC STARCITY RR2X (RR2X)	—	—	—	—	—	33	709	
PV10S005RR2 (RT)	—	—	—	—	—	29	665	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES						37.2	203,438	

OATS YIELDS BY VARIETY 2013–2017†							RISK AREA 2	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
SUMMIT	117	100	90	128	9,005	137	17,060	
CS CAMDEN	—	—	—	—	—	139	12,183	
SOURIS	98	93	96	95	3,903	94	4,888	
PINNACLE	113	69	90	93	1,598	82	865	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES						129.0	36,481	

CORN YIELDS BY VARIETY 2013–2017†							RISK AREA 2	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
P7332R (RT)	—	97	153	141	3,268	128	8,378	
DKC26-28RIB (BT)(RIB)(RT)	120	96	123	144	1,768	133	3,693	
P7211HR	—	—	—	153	1,842	106	2,986	
A4199G2 RIB (VT2P)(RIB)	—	—	—	137	790	131	1,979	
P7202AM (HX1)(LT)(RT)	—	—	—	—	—	102	1,663	
P7527AM (LT)(RT)	—	—	—	—	—	123	1,480	
P7410HR (HX1)(LT)(RT)	—	—	132	—	—	115	1,270	
P7632AM (BT)(LT)(RT)	—	—	—	125	1,214	117	949	
P7005AM (BT)(HX1)(LT)(RT)	—	—	—	—	—	105	816	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES						122.3	25,701	

BARLEY* YIELDS BY VARIETY 2013–2017†							RISK AREA 2	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
AAC SYNERGY	—	—	—	87	5,739	77	3,275	
CDC AUSTENSON	104	96	89	90	2,223	100	2,260	
TRADITION	95	66	64	63	1,542	75	1,898	
CONLON	89	75	70	84	1,650	93	1,577	
AC METCALFE	60	—	68	58	1,231	68	1,546	
NEWDALE	72	55	62	69	2,325	75	1,298	
BENTLEY	83	67	71	79	3,371	77	1,198	
CELEBRATION	87	56	72	75	4,401	71	985	
CDC KINDERSLEY	—	—	—	69	826	67	602	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES						79.8	16,008	

FIELD PEA YIELDS BY VARIETY 2013–2017†							RISK AREA 2	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
CDC MEADOW	47	32	43	33	19,177	53	923	
AGASSIZ	—	—	47	31	3,801	67	801	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES						55.4	3,195	

SUNFLOWER YIELDS BY VARIETY 2013–2017†							RISK AREA 2	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
6946 DMR (C)	1,565	1,638	1,801	1,766	2,136	2,207	1,208	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES						2206.8	1,208	

FLAX YIELDS BY VARIETY 2013–2017†							RISK AREA 2	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
CDC SORREL	26	17	25	18	2,094	26	1,294	
CDC BETHUNE	24	19	21	19	2,820	32	1,130	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES						29.8	3,251	

RISK AREA 3

CANOLA YIELDS BY VARIETY 2013–2017†							RISK AREA 3	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
L252 (LT)	—	36	41	39	40,228	42	40,283	
L233P (LT)	—	—	—	—	—	45	12,092	
L140P (LT)	—	36	43	38	18,157	42	10,303	
L230 (LT)	—	—	—	—	—	37	9,019	
1022 RR (RT)	—	—	—	39	2,244	39	8,875	
46H75 (ST)	38	31	40	33	7,159	41	7,388	
45M35 (RT)	—	—	—	—	—	39	5,972	
1012 RR (RT)	39	33	40	37	6,649	39	4,890	
2020 CL (ST)	—	—	37	35	3,323	36	4,162	
45H33 (RT)	—	—	40	36	8,843	40	4,102	
6074 RR (RT)	—	—	—	38	800	38	3,928	
75-65 RR (RT)	—	—	—	36	1,448	38	3,870	
74-44 BL (RT)	33	31	37	33	3,812	33	2,829	
5440 (LT)	39	35	38	33	5,948	31	2,717	
CS2100 (RT)	—	—	—	38	969	39	2,544	
2022CL (ST)	—	—	—	—	—	38	2,544	
L130 (LT)	40	33	40	38	9,665	41	2,462	
45CS40 (RT)	—	—	—	—	—	36	1,974	
L241C (LT)	—	—	—	33	956	34	1,912	
L157H (LT)	—	—	—	38	557	45	1,348	
46M34 (RT)	—	—	—	29	2,106	43	1,124	
1020 RR (RT)	—	—	—	48	1,050	38	1,088	
45H31 (RT)	39	31	38	42	1,747	37	937	
D3154S (RT)	—	—	—	—	—	40	780	
PV 540 G (RT)	—	—	—	—	—	35	629	
1918 (RT)	36	—	—	—	—	27	570	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES						40.0	146,178	

WHEAT YIELDS BY VARIETY 2013–2017†							RISK AREA 3	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
AAC BRANDON (RS)	—	55	52	50	44,643	57	62,994	
GLENN (RS)	50	40	41	46	15,521	43	11,093	
AAC ELIE (RS)	—	—	49	43	6,689	55	9,828	
CARDALE (RS)	—	38	40	39	10,515	49	5,669	
CARBERRY (RS)	56	40	47	41	14,276	55	4,833	
EMERSON (W)	—	—	43	54	4,217	49	4,080	
FALLER (F)	—	66	—	59	8,459	68	3,765	
PROSPER (F)	—	—	—	67	2,203	72	2,088	
CDC PLENTIFUL (RS)	—	—	46	47	1,965	52	1,865	
5605HR CL (RS)	—	—	50	28	3,622	35	1,392	
AAC REDWATER (RS)	—	—	—	—	—	47	1,093	
HARVEST (RS)	61	40	45	44	2,363	56	960	
CDC TITANIUM (RS)	—	—	—	51	505	47	740	
SY ROWYN (PS)	—	—	—	—	—	70	698	
CDC VR MORRIS (RS)	—	44	32	—	—	49	684	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES						54.7	117,196	

SOYBEAN YIELDS BY VARIETY 2013–2017†							RISK AREA 3	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
TH 33003R2Y (RT)	28	30	38	36	5,813	34	9,070	
23-60RY (RT)	—	—	40	33	6,091	36	7,049	
S0009-M2 (RT)	—	—	—	39	1,820	31	3,893	
AKRAS R2 (RT)	—	—	—	32	2,756	31	2,789	
MAHONY R2 (RT)	—	—	—	—	—	29	2,481	
P005T13R (RT)	—	—	—	—	—	31	2,217	
S007-Y4 RR2Y (RT)	—	—	—	—	—	37	2,012	
NSC RESTON RR2Y (RT)	—	28	37	30	1,479	30	1,923	
P006T78R2 (RT)	—	—	—	21	891	34	1,764	
NSC WATSON RR2Y (RT)	—	—	—	—	—	29	1,736	
P002T04R (RT)	—	—	29	31	2,421	30	1,194	
22-60RY (RT)	—	—	—	35	1,719	27	1,146	
TH 3303R2Y (RT)	—	—	—	—	—	38	1,145	
S003-L3 (RT)	—	—	—	—	—	38	822	
P006T46R (RT)	—	—	—	—	—	39	740	

† Yields only for those varieties grown on more than 500 acres and by more than 2 growers; ‡ On system as of January 4, 2018;

§ Weighted Average Yield and Total Acreage include acres not reported in the table.

¶ For additional characteristic codes, see the key at the end of the Risk Area tables.

* Assuming 48 lbs./bu.



SOYBEAN YIELDS BY VARIETY 2013–2017†							RISK AREA 3	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
DYLANO R2X (RT)	—	—	—	—	—	27	701	
TORRO R2 (RT)	—	—	—	—	—	31	578	
DARIO R2X (RT)	—	—	—	—	—	27	530	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES						32.2	48,315	

OATS YIELDS BY VARIETY 2013–2017†							RISK AREA 3	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
SOURIS	103	63	85	83	2,671	83	2,876	
CS CAMDEN	—	—	—	131	1,368	89	2,470	
SUMMIT	—	90	68	88	1,563	82	1,570	
LEGGETT	80	73	73	—	—	54	683	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES						76.5	10,041	

CORN YIELDS BY VARIETY 2013–2017†							RISK AREA 3	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
P7332R (RT)	—	—	—	111	586	118	1,288	
P7005AM (BT)(HX1)(LT)(RT)	—	—	—	—	—	93	1,215	
P7211HR	—	—	—	91	937	117	1,149	
P7202AM (HX1)(LT)(RT)	—	—	—	—	—	109	853	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES						108.1	5,719	

BARLEY* YIELDS BY VARIETY 2013–2017†							RISK AREA 3	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
CDC AUSTENSON	92	46	67	72	3,353	81	4,104	
AC METCALFE	70	28	52	53	1,290	63	1,473	
BENTLEY	74	42	61	59	1,845	57	1,369	
CDC COPELAND	72	46	59	63	1,820	72	1,296	
NEWDALE	79	38	58	63	2,309	63	1,227	
CHAMPION	65	46	48	68	1,218	49	1,015	
CONLON	72	47	66	72	1,839	83	816	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES						68.9	12,523	

FIELD PEA YIELDS BY VARIETY 2013–2017†							RISK AREA 3	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
CDC MEADOW	45	28	38	39	4,922	36	2,508	
CDC AMARILLO	—	—	—	—	—	32	1,818	
4010	—	25	37	—	—	32	1,071	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES						36.5	6,911	

FLAX YIELDS BY VARIETY 2013–2017†							RISK AREA 3	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
CDC BETHUNE	19	—	16	12	1,163	27	1,076	
WESTLIN 70	—	26	18	17	1,080	19	830	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES						23.2	2,923	

RISK AREA 4

CANOLA YIELDS BY VARIETY 2013–2017†							RISK AREA 4	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
L252 (LT)	—	44	44	43	76,385	46	65,814	
L140P (LT)	—	41	44	44	21,860	48	30,403	
L233P (LT)	—	—	—	—	—	51	16,686	
L230 (LT)	—	—	—	—	—	47	14,595	
75-65 RR (RT)	—	—	—	36	1,045	42	6,497	
5440 (LT)	47	40	43	43	11,879	40	6,253	
L241C (LT)	—	—	—	40	3,660	50	5,294	
74-44 BL (RT)	42	36	38	38	5,342	38	5,124	
1022 RR (RT)	—	—	—	41	3,107	39	4,055	
L157H (LT)	—	—	—	46	1,271	45	3,824	
45H33 (RT)	—	—	40	37	7,736	45	3,613	
L130 (LT)	47	40	41	39	18,201	44	3,537	
2020 CL (ST)	—	—	38	37	4,669	41	3,453	
2022CL (ST)	—	—	—	31	2,776	48	2,253	

CANOLA YIELDS BY VARIETY 2013–2017†							RISK AREA 4	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
1020 RR (RT)	—	—	—	36	2,294	47	2,126	
1970 (RT)	38	33	41	—	—	38	2,034	
6074 RR (RT)	—	—	—	35	2,770	45	1,914	
PV 540 G (RT)	—	—	—	—	—	38	1,849	
CS2100 (RT)	—	—	—	—	—	39	1,674	
PV 533 G (RT)	—	—	40	36	4,470	42	1,568	
1012 RR (RT)	41	33	40	34	2,329	37	1,497	
45H31 (RT)	42	38	40	31	2,094	33	1,239	
SY4157 (RT)	—	—	45	40	1,180	42	1,219	
PV 200 CL (ST)	—	—	—	40	1,142	44	1,117	
CS2000 (RT)	—	—	—	37	1,502	41	979	
46H75 (ST)	46	37	43	43	1,332	38	938	
45M35 (RT)	—	—	—	—	—	45	868	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES						45.4	201,153	

WHEAT YIELDS BY VARIETY 2013–2017†							RISK AREA 4	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
AAC BRANDON (RS)	—	—	54	55	70,851	67	92,507	
CARDALE (RS)	64	50	47	46	16,816	56	8,753	
AAC ELIE (RS)	—	—	60	58	4,739	68	8,224	
FALLER (F)	—	75	60	63	11,866	62	7,967	
GLENN (RS)	60	47	48	44	14,818	61	6,749	
CARBERRY (RS)	60	47	44	40	13,977	53	4,837	
5605HR CL (RS)	—	—	—	51	2,942	55	4,420	
AC DOMAIN (RS)	60	46	44	53	3,402	56	4,279	
PROSPER (F)	—	—	66	70	9,581	80	3,538	
CDC PLENTIFUL (RS)	—	—	43	51	5,838	58	3,244	
MUCHMORE (RS)	73	57	54	52	5,974	72	2,878	
EMERSON (W)	—	—	49	62	4,129	60	2,675	
AAC W1876 (RS)	—	—	—	—	—	50	2,201	
SY ROWYN (PS)	—	—	—	—	—	80	812	
AAC PENHOLD (PS)	—	—	—	60	1,329	81	734	
HARVEST (RS)	68	56	49	50	4,512	43	503	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES						64.3	160,292	

SOYBEAN YIELDS BY VARIETY 2013–2017†							RISK AREA 4	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
S007-V4 RR2Y (RT)	—	—	43	45	7,891	41	13,648	
AKRAS R2 (RT)	—	—	—	43	7,180	39	12,083	
23-60RY (RT)	—	—	37	41	10,544	36	11,687	
MAHONY R2 (RT)	—	—	—	52	1,914	39	10,768	
P006T78R2 (RT)	—	—	—	44	4,810	41	7,583	
NSC WATSON RR2Y (RT)	—	—	—	39	1,840	35	5,903	
S003-L3 (RT)	—	—	—	—	—	37	5,798	
TH 33003R2Y (RT)	43	32	39	41	6,685	38	5,638	
S0009-M2 (RT)	—	—	48	41	3,049	40	3,884	
TH 32004R2Y (RT)	40	37	35	48	4,420	38	3,809	
22-60RY (RT)	—	—	—	43	3,337	41	3,539	
NSC RESTON RR2Y (RT)	—	34	37	38	7,910	39	3,092	
NSC GLADSTONE RR2Y (RT)	—	—	42	45	944	37	2,514	
P006T46R (RT)	—	—	—	—	—	40	2,464	
LS 003R24N (RT)	—	—	—	43	1,963	34	1,875	
BARRON R2X (RR2X)	—	—	—	—	—	36	1,463	
S006-W5 (RT)	—	—	—	—	—	40	1,248	
LS 002R24N (RT)	—	—	—	—	—	38	1,188	
TH 3303R2Y (RT)	—	—	—	—	—	39	1,048	
MCLEOD R2 (RT)	—	—	39	39	2,127	38	962	
TH 27003RR (RT)	—	—	43	—	—	35	875	
S006-W5 (RT)	—	—	—	—	—	38	835	
NSC AUSTIN RR2Y (RT)	—	—	—	—	—	36	701	
NSC ANOLA RR2Y (RT)	40	37	41	49	940	34	647	
S001-B1 (RT)	—	—	—	—	—	32	640	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES						38.1	113,969	

OATS YIELDS BY VARIETY 2013–2017†							RISK AREA 4	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
SUMMIT	—	79	94	105	1,976	92	3,654	
SOURIS	104	84	69	86	3,262	90	2,306	
CS CAMDEN	—	—	—	—	—	90	1,865	
PINNACLE	83	45	60	89	1,229	72	1,250	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES						87.2	10,426	

† Yields only for those varieties grown on more than 500 acres and by more than 2 growers; ‡ On system as of January 4, 2018;

§ Weighted Average Yield and Total Acreage include acres not reported in the table.

¶ For additional characteristic codes, see the key at the end of the Risk Area tables.

* Assuming 48 lbs./bu.



CORN YIELDS BY VARIETY 2013–2017†						RISK AREA 4	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres
P7211HR	—	—	—	135	3,110	131	7,805
P7332R (RT)	—	86	129	150	3,729	140	5,347
P7202AM (HX1)(LT)(RT)	—	—	—	124	848	120	2,554
DKC23-17RIB (VT2P)(RIB)	—	—	—	133	570	119	1,028
P7527AM (LT)(RT)	—	—	—	—	—	146	949
P7958AM	—	—	—	136	932	145	853
P7632AM (BT)(LT)(RT)	—	—	—	147	1,757	161	605
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						130.0	23,436

BARLEY* YIELDS BY VARIETY 2013–2017†						RISK AREA 4	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres
CDC AUSTENSON	87	67	80	75	6,132	86	5,699
CDC COPELAND	83	—	64	65	1,896	77	4,237
CONLON	67	58	60	61	6,336	94	2,673
NEWDALE	76	53	64	60	3,022	74	2,157
CELEBRATION	74	62	59	67	1,336	63	1,549
CHAMPION	74	61	63	63	2,315	69	953
AAC SYNERGY	—	—	—	79	971	105	676
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						79.1	20,196

DRY BEAN YIELDS BY VARIETY 2013–2017†						RISK AREA 4	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres
ECLIPSE (BLACK)	—	—	—	—	—	2,432	1,969
INDI (WHITE PEA)	—	—	—	—	—	2,125	1,515
T9905 (WHITE PEA)	—	—	—	—	—	2,132	625
WINDBREAKER (PINTO)	—	—	—	—	—	2,458	559
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						2259.2	8,007

FIELD PEA YIELDS BY VARIETY 2013–2017†						RISK AREA 4	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres
CDC AMARILLO	—	—	—	32	1,120	42	2,609
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						38.4	4,548

SUNFLOWER YIELDS BY VARIETY 2013–2017†						RISK AREA 4	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres
6946 DMR (C)	1,823	—	1,464	—	—	2,187	1,504
P63ME70 (O)	2,154	1,735	2,359	2,302	1,300	2,553	1,391
N4HM354 (O)	—	—	—	—	—	2,504	526
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						2277.7	4,995

FLAX YIELDS BY VARIETY 2013–2017†						RISK AREA 4	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres
LIGHTNING	29	25	21	24	3,379	21	2,827
CDC BETHUNE	32	19	23	24	5,063	29	2,354
CDC SORREL	25	—	21	—	—	26	567
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						24.8	5,983

RISK AREA 5

CANOLA YIELDS BY VARIETY 2013–2017†						RISK AREA 5	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres
L252 (LT)	—	50	48	41	119,946	49	92,045
L140P (LT)	—	49	50	40	52,276	51	49,855
L233P (LT)	—	—	—	—	—	54	29,794
74-44 BL (RT)	47	46	46	37	24,142	44	22,302
1022 RR (RT)	—	—	—	36	13,183	44	16,440
75-65 RR (RT)	—	—	47	34	10,300	42	15,370
L230 (LT)	—	—	—	—	—	47	13,800
2022CL (ST)	—	—	—	34	5,032	45	8,800
46H75 (ST)	56	45	45	38	9,973	49	7,896
PV 540 G (RT)	—	—	—	37	750	43	6,364
2024 CL (ST)	—	—	—	—	—	46	5,087
6074 RR (RT)	—	—	—	40	2,083	48	4,569
SY4157 (RT)	—	—	47	34	5,486	47	4,458

CANOLA YIELDS BY VARIETY 2013–2017†						RISK AREA 5	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres
CS2100 (RT)	—	—	—	44	748	44	4,229
L241C (LT)	—	—	—	33	4,308	46	3,881
45M35 (RT)	—	—	—	—	—	43	3,551
L157H (LT)	—	—	—	37	1,594	52	3,291
75-45 RR (RT)	49	—	—	38	5,951	39	3,019
2020 CL (ST)	—	—	45	35	9,921	49	2,708
5440 (LT)	51	46	42	33	3,048	41	2,262
45H33 (RT)	—	—	45	33	7,550	46	2,003
1024 RR (RT)	—	—	—	—	—	42	1,807
PV 200 CL (ST)	—	—	—	32	2,301	43	1,613
45H29 (RT)	48	44	43	38	769	43	1,344
L156H (LT)	51	50	49	36	6,816	59	1,215
L130 (LT)	50	45	45	38	2,984	43	1,110
PV 533 G (RT)	—	—	41	34	7,419	41	1,067
V14-1	—	—	—	—	—	48	894
V12-3 (RT)	—	—	—	—	—	42	845
1012 RR (RT)	44	38	37	28	2,040	31	685
CS2000 (RT)	—	—	48	32	7,972	43	558
45CS40 (RT)	—	—	—	36	522	44	543
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						47.6	324,810

WHEAT YIELDS BY VARIETY 2013–2017†						RISK AREA 5	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres
AAC BRANDON (RS)	—	70	66	55	122,707	73	161,450
CARDALE (RS)	80	65	60	50	46,000	67	21,432
AAC ELIE (RS)	—	—	61	52	13,866	66	15,134
FALLER (F)	87	79	81	74	16,820	88	9,061
AAC PENHOLD (PS)	—	—	—	66	7,099	77	5,225
CARBERRY (RS)	62	57	58	48	11,867	65	5,033
CDC PLENTIFUL (RS)	—	—	61	45	6,145	63	4,408
PROSPER (F)	—	88	79	64	7,530	78	3,885
HARVEST (RS)	66	66	62	49	36,059	73	2,961
EMERSON (W)	—	—	67	65	4,075	68	2,631
GLENN (RS)	63	59	56	55	5,679	59	2,317
AAC CONNERY (RS)	—	—	—	53	1,284	71	1,944
AAC W1876 (RS)	—	—	—	—	—	58	1,482
5604HR CL (RS)	60	57	55	47	5,346	67	1,302
WR859 CL (RS)	63	56	55	56	1,651	54	1,217
AAC REDWATER (RS)	—	—	—	—	—	51	1,114
5605HR CL (RS)	—	—	48	42	1,326	52	786
AAC VIEWFIELD EXP (RS)	—	—	—	—	—	83	615
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						71.5	248,076

SOYBEAN YIELDS BY VARIETY 2013–2017†						RISK AREA 5	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres
S007-Y4 RR2Y (RT)	—	—	39	47	14,114	41	28,409
23-60RY (RT)	—	35	39	44	9,755	38	17,165
P006T46R (RT)	—	—	—	42	751	38	14,948
AKRAS R2 (RT)	—	—	—	45	4,477	38	8,376
P006T78R2 (RT)	—	—	—	44	7,009	39	4,956
TH 32004R2Y (RT)	33	37	39	50	2,886	38	4,174
S0009-M2 (RT)	—	—	43	44	4,716	40	4,083
LS 003R24N (RT)	—	40	36	45	2,354	39	3,216
NSC WATSON RR2Y (RT)	—	—	—	42	2,505	38	2,835
23-11RY (RT)	—	—	—	41	2,446	39	2,755
NSC RESTON RR2Y (RT)	—	31	39	40	1,672	39	2,733
MAHONY R2 (RT)	—	—	—	52	1,763	40	2,710
24-10RY (RT)	38	37	36	54	951	31	2,557
P008T70R (RT)	—	—	36	43	2,133	35	2,488
NSC GLADSTONE RR2Y (RT)	—	—	35	—	—	35	2,039
PS 0027 RR (RT)	—	—	32	35	2,393	32	1,971
22-60RY (RT)	—	—	37	37	1,815	36	1,654
S001-B1 (RT)	—	—	—	—	—	41	1,557
NSC AUSTIN RR2Y (RT)	—	—	—	—	—	38	1,536
LONO R2 (RT)	—	—	—	—	—	37	1,414
LS ECLIPSE (RT)	—	—	—	—	—	40	1,366
S003-L3 (RT)	—	—	—	—	—	41	1,271
P008T22R2 (RT)	—	—	32	40	1,123	34	1,186
NSC LEROY RR2Y (RT)	—	—	—	—	—	39	1,141
S006-W5 (RT)	—	—	—	—	—	42	1,117
P005T13R (RT)	—	—	—	—	—	36	1,048

† Yields only for those varieties grown on more than 500 acres and by more than 2 growers; ‡ On system as of January 4, 2018;

§ Weighted Average Yield and Total Acreage include acres not reported in the table.

¶ For additional characteristic codes, see the key at the end of the Risk Area tables.

* Assuming 48 lbs./bu.



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SOYBEAN YIELDS BY VARIETY 2013–2017†							RISK AREA 5	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
PS 0035 NR2 (RT)	—	—	—	—	—	29	928	
PV10S005RR2 (RT)	—	—	—	—	—	34	910	
P002T04R (RT)	—	32	37	47	688	34	830	
LS 002R24N (RT)	—	33	33	—	—	39	750	
TH 33005R2Y (RT)	—	37	—	—	—	33	684	
DYLANO R2X (RT)	—	—	—	—	—	40	588	
NSC STARCITY RR2X (RR2X)	—	—	—	—	—	40	585	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						38.2	136,727	

OATS YIELDS BY VARIETY 2013–2017†							RISK AREA 5	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
CS CAMDEN	—	—	143	131	3,721	140	11,360	
SUMMIT	110	115	126	137	4,077	149	8,338	
SOURIS	120	110	114	110	7,079	124	6,915	
BIG BROWN	—	—	—	—	—	124	3,178	
FURLONG	117	97	115	124	3,489	88	1,085	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						135.0	31,598	

CORN YIELDS BY VARIETY 2013–2017†							RISK AREA 5	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
P7211HR	—	—	—	158	1,803	135	4,026	
P7958AM	—	—	—	136	1,952	132	2,851	
P7202AM (HX1)(LT)(RT)	—	—	—	137	585	133	2,841	
DKC27-55RIB (BT)(RIB)	—	—	—	140	965	130	1,989	
P7632AM (BT)(LT)(RT)	—	—	140	152	2,469	138	1,948	
P7332R (RT)	—	94	—	—	—	130	1,850	
P7005AM (BT)(HX1)(LT)(RT)	—	—	—	—	—	122	1,339	
A4199G2 RIB (VT2P)(RIB)	—	—	—	136	1,234	137	1,094	
A4939G2 RIB (RIB)	—	—	—	—	—	137	646	
DKC30-07 (RT)	—	—	—	—	—	117	550	
P7410HR (HX1)(LT)(RT)	—	—	138	—	—	127	509	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						130.7	23,458	

BARLEY* YIELDS BY VARIETY 2013–2017†							RISK AREA 5	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
CONLON	88	82	76	71	19,446	90	10,388	
AAC SYNERGY	—	—	—	70	2,230	89	4,005	
TRADITION	94	84	82	77	3,168	99	3,067	
CDC AUSTENSON	96	101	91	82	4,452	89	2,552	
NEWDALE	90	83	83	77	3,970	91	1,555	
BENTLEY	94	77	83	75	2,838	82	1,115	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						88.9	24,369	

DRY BEAN YIELDS BY VARIETY 2013–2017†							RISK AREA 5	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
T9905 (WHITE PEA)	2,372	2,114	2,277	1,995	4,884	2,308	4,622	
WINDBREAKER (PINTO)	—	—	—	2,403	1,849	2,092	3,510	
CHIANTI (CRANBERRY)	—	—	1,944	—	—	2,094	1,394	
ECLIPSE (BLACK)	—	—	—	—	—	2,467	1,167	
SV6533GR (PINTO)	—	—	—	—	—	2,370	1,066	
INDI (WHITE PEA)	—	1,927	—	—	—	1,989	1,008	
PINK PANTHER (KIDNEY)	—	—	1,437	—	—	2,072	966	
RED HAWK (KIDNEY)	—	—	—	—	—	1,896	838	
ENVOY (WHITE PEA)	—	—	—	1,781	889	1,748	790	
MONTERREY (PINTO)	—	—	2,072	—	—	1,865	551	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						2130.3	17,858	

FIELD PEA YIELDS BY VARIETY 2013–2017†							RISK AREA 5	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
CDC MEADOW	56	52	45	38	6,380	54	1,754	
AGASSIZ	55	46	44	31	2,059	61	795	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						58.1	4,340	

SUNFLOWER YIELDS BY VARIETY 2013–2017†							RISK AREA 5	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
6946 DMR (C)	1,958	1,733	2,114	1,429	3,055	2,154	2,711	
COBALT II (ST) (O)	—	—	—	—	—	1,964	510	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						1901.4	7,652	

FLAX YIELDS BY VARIETY 2013–2017†							RISK AREA 5	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
CDC GLAS	—	30	27	26	3,635	38	1,990	
LIGHTNING	38	28	27	26	3,001	27	1,795	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						32.8	5,951	

RISK AREA 6

CANOLA YIELDS BY VARIETY 2013–2017†							RISK AREA 6	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
L252 (LT)	—	41	46	46	105,231	48	93,998	
L140P (LT)	—	36	47	45	22,221	49	26,401	
L233P (LT)	—	—	—	—	—	53	22,846	
74-44 BL (RT)	45	35	41	40	18,254	39	20,281	
1022 RR (RT)	—	—	—	44	12,338	45	19,395	
L230 (LT)	—	—	—	—	—	47	18,132	
45H33 (RT)	—	—	44	43	19,699	45	15,219	
2022CL (ST)	—	—	—	44	3,892	40	9,058	
L241C (LT)	—	—	—	43	5,444	49	7,720	
PV 200 CL (ST)	—	—	—	40	6,092	46	6,297	
46H75 (ST)	45	37	46	44	7,451	50	6,276	
6074 RR (RT)	—	—	—	44	5,752	45	5,928	
75-65 RR (RT)	—	—	—	38	4,636	45	5,786	
L130 (LT)	50	38	45	43	24,324	45	5,266	
L157H (LT)	—	—	—	45	1,583	48	5,176	
45CS40 (RT)	—	—	—	29	606	45	4,895	
1020 RR (RT)	—	—	42	43	2,444	48	4,689	
CS2100 (RT)	—	—	—	37	1,526	40	4,480	
45M35 (RT)	—	—	—	—	—	50	4,383	
PV 533 G (RT)	—	—	39	39	8,136	37	4,188	
1012 RR (RT)	46	36	43	38	17,239	40	4,067	
5440 (LT)	51	39	47	42	11,453	44	3,845	
45H76 (ST)	—	35	45	43	1,966	44	3,286	
PV 581 GC (RT)	—	—	—	—	—	41	3,233	
45H31 (RT)	48	37	44	43	3,925	41	2,887	
PV 540 G (RT)	—	—	—	—	—	48	2,588	
D3154S (RT)	—	35	44	37	674	39	2,326	
SY4157 (RT)	—	—	38	41	1,843	46	2,274	
75-45 RR (RT)	—	32	—	35	1,742	42	1,952	
D3155C (RT)	—	—	38	37	3,577	41	1,850	
D3153 (RT)	42	34	—	29	522	50	1,514	
2024 CL (ST)	—	—	—	—	—	46	1,405	
2020 CL (ST)	—	—	37	44	6,689	44	1,331	
6050 RR (RT)	—	—	—	35	2,208	31	1,309	
CS2000 (RT)	—	—	—	38	953	45	1,156	
1970 (RT)	43	37	—	37	973	40	1,081	
6064 RR (RT)	—	—	—	—	—	37	1,044	
45S56 (RT)	—	—	38	42	1,908	48	890	
V12-1 (RT)	41	—	44	40	1,048	44	757	
45H75 CL (ST)	56	34	—	40	694	51	730	
PV 531 G (RT)	—	—	—	—	—	28	670	
1990 (RT)	46	35	42	41	5,506	44	667	
43E03RR (RT)	—	—	44	38	872	44	578	
45H26 (RT)	—	—	—	—	—	54	526	
V12-3 (RT)	—	—	—	—	—	45	506	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						46.2	344,197	

WHEAT YIELDS BY VARIETY 2013–2017†							RISK AREA 6	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
AAC BRANDON (RS)	—	48	54	54	103,255	68	128,866	
AAC ELIE (RS)	—	—	44	56	9,105	70	22,417	
FALLER (F)	—	—	62	66	18,421	81	18,882	
GLENN (RS)	65	47	47	47	24,514	61	18,123	
CARDALE (RS)	72	48	49	48	29,529	62	17,645	
CARBERRY (RS)	66	46	47	43	23,762	49	5,435	
AAC PENHOLD (PS)	—	—	—	70	9,134	86	4,234	
CDC PLENTIFUL (RS)	—	—	46	46	5,293	60	4,222	
SY ROWYN (PS)	—	—	—	—	—	69	4,193	
EMERSON (W)	—	—	53	64	4,570	62	4,011	
MUCHMORE (RS)	72	52	52	56	8,084	61	3,572	
5605HR CL (RS)	—	—	—	56	1,403	55	3,334	
AAC REDWATER (RS)	—	—	—	—	—	69	3,013	
PROSPER (F)	—	—	—	69	3,451	76	2,168	
CDC TITANIUM (RS)	—	—	—	47	2,314	52	1,763	

† Yields only for those varieties grown on more than 500 acres and by more than 2 growers; ‡ On system as of January 4, 2018;

§ Weighted Average Yield and Total Acreage include acres not reported in the table.

¶ For additional characteristic codes, see the key at the end of the Risk Area tables.

* Assuming 48 lbs./bu.



WHEAT YIELDS BY VARIETY 2013-2017†							RISK AREA 6	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
AAC GATEWAY (W)	—	—	—	60	1,066	69	1,762	
AC DOMAIN (RS)	59	42	36	45	2,864	48	1,575	
PASTEUR (F)	80	56	56	61	6,038	74	1,350	
AAC VIEWFIELD EXP (RS)	—	—	—	—	—	65	957	
AAC CONNERY (RS)	—	—	—	—	—	51	857	
CDC UTMOST (RS)	70	49	43	39	1,329	36	616	
AC SPLENDOR (RS)	—	28	—	—	—	36	609	
AC BARRIE (RS)	52	40	34	35	1,006	42	537	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES						67.2	254,986	

SOYBEAN YIELDS BY VARIETY 2013-2017†							RISK AREA 6	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
23-60RY (RT)	—	—	42	42	6,988	33	10,914	
S0009-M2 (RT)	—	—	—	40	3,091	35	10,790	
22-60RY (RT)	—	—	40	40	4,287	36	8,802	
P002T04R (RT)	—	—	39	39	4,174	31	8,165	
NSC WATSON RR2Y (RT)	—	—	—	39	1,598	31	6,839	
S007-Y4 RR2Y (RT)	—	—	—	47	1,487	38	6,628	
AKRAS R2 (RT)	—	—	—	47	944	37	4,321	
MAHONY R2 (RT)	—	—	—	—	—	32	4,299	
P006T78R2 (RT)	—	—	—	42	2,491	37	3,644	
TH 32004R2Y (RT)	34	—	39	—	—	39	2,917	
23-11RY (RT)	—	—	38	42	1,629	31	2,435	
P006T46R (RT)	—	—	—	—	—	34	2,180	
NSC RESTON RR2Y (RT)	—	27	36	39	2,025	32	2,111	
TH 33003R2Y (RT)	—	30	41	41	2,351	32	2,000	
NSC STARCITY RR2X (RR2X)	—	—	—	—	—	24	1,433	
ISIS RR (RT)	—	—	—	—	—	29	1,237	
TH 3303R2Y (RT)	—	—	—	42	999	39	928	
LS SOLAIRE (RT)	—	—	—	—	—	32	680	
S0009-D6 (RT)	—	—	—	—	—	32	638	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES						33.8	90,958	

OATS YIELDS BY VARIETY 2013-2017†							RISK AREA 6	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
SUMMIT	133	106	111	103	6,637	123	7,812	
CS CAMDEN	—	—	—	97	600	109	3,624	
SOURIS	116	75	98	105	4,273	107	3,052	
CDC DANCER	95	81	90	112	1,314	87	990	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES						109.4	17,213	

BARLEY* YIELDS BY VARIETY 2013-2017†							RISK AREA 6	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
CDC AUSTENSON	103	65	79	72	11,826	80	9,287	
CDC COPELAND	100	78	74	80	6,148	85	7,988	
AC METCALFE	76	46	60	65	4,712	78	3,795	
CONLON	94	64	68	77	4,550	99	3,725	
NEWDALE	90	56	79	68	4,767	81	3,309	
AAC SYNERGY	—	—	—	91	4,289	92	1,977	
CELEBRATION	92	61	84	61	2,166	70	1,146	
CDC COWBOY	63	45	64	54	747	29	685	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES						82.4	35,736	

FIELD PEA YIELDS BY VARIETY 2013-2017†							RISK AREA 6	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
CDC AMARILLO	—	—	—	32	5,000	48	4,407	
CDC MEADOW	52	23	45	39	10,955	60	2,701	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES						52.1	8,399	

FLAX YIELDS BY VARIETY 2013-2017†							RISK AREA 6	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
CDC BETHUNE	32	19	21	18	2,650	27	1,860	
CDC GLAS	—	23	26	22	2,183	36	764	
CDC SORREL	32	22	23	16	1,287	26	708	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES						28.7	4,432	

RISK AREA 7

CANOLA YIELDS BY VARIETY 2013-2017†							RISK AREA 7	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
L252 (LT)	—	45	47	44	45,226	46	37,315	
L140P (LT)	—	43	46	47	20,161	48	21,701	
L230 (LT)	—	—	—	—	—	47	17,072	
L233P (LT)	—	—	—	—	—	51	16,824	
1012 RR (RT)	45	38	42	38	23,929	42	9,701	
45H33 (RT)	—	—	46	44	6,756	46	8,955	
1022 RR (RT)	—	—	—	43	3,093	44	7,813	
1020 RR (RT)	—	—	—	41	4,190	42	7,628	
75-65 RR (RT)	—	—	50	39	3,532	44	6,672	
5440 (LT)	49	41	44	44	8,699	47	6,097	
6074 RR (RT)	—	—	—	38	1,687	42	5,738	
L130 (LT)	49	41	47	44	16,566	49	4,785	
CS2000 (RT)	—	—	—	41	2,231	46	4,311	
D3155C (RT)	—	—	44	42	7,378	33	3,475	
75-45 RR (RT)	—	—	—	40	792	43	3,448	
45M35 (RT)	—	—	—	—	—	45	3,061	
45CS40 (RT)	—	—	—	43	602	46	2,745	
D3154S (RT)	—	35	—	—	—	45	2,744	
L241C (LT)	—	—	—	44	1,259	47	2,701	
74-44 BL (RT)	49	37	42	40	4,521	44	2,301	
2022CL (ST)	—	—	—	37	2,408	39	2,224	
46H75 (ST)	46	41	45	48	1,181	48	1,528	
CS2100 (RT)	—	—	—	—	—	39	1,407	
L157H (LT)	—	—	—	—	—	55	1,328	
PV 200 CL (ST)	—	—	—	38	845	45	917	
45H75 CL (ST)	—	42	54	—	—	55	846	
PV 533 G (RT)	—	—	—	35	1,144	36	673	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES						45.2	196,062	



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§ Weighted Average Yield and Total Acreage include acres not reported in the table.

¶ For additional characteristic codes, see the key at the end of the Risk Area tables.

* Assuming 48 lbs./bu.



WHEAT YIELDS BY VARIETY 2013–2017†							RISK AREA 7	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
AAC BRANDON (RS)	—	61	52	51	60,316	65	68,785	
AAC REDWATER (RS)	—	—	—	57	2,385	58	17,605	
GLENN (RS)	66	46	48	49	17,877	56	8,718	
CARDALE (RS)	70	52	51	47	15,148	65	8,101	
CARBERRY (RS)	70	47	50	44	18,113	61	7,008	
FALLER (F)	—	67	68	60	7,742	75	6,936	
AAC ELIE (RS)	—	—	57	62	1,346	66	6,859	
CDC LANDMARK (RS)	—	—	—	—	—	73	2,768	
CDC PLENTIFUL (RS)	—	52	54	42	1,337	60	2,607	
HARVEST (RS)	69	47	52	50	4,392	68	2,248	
SY ROWYN (PS)	—	—	—	—	—	66	1,791	
PROSPER (F)	—	—	—	—	—	89	1,358	
CDC VR MORRIS (RS)	—	47	42	40	1,249	46	1,054	
AAC PENHOLD (PS)	—	—	—	61	4,489	65	643	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						64.5	142,878	

SOYBEAN YIELDS BY VARIETY 2013–2017†							RISK AREA 7	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
S0009-M2 (RT)	—	—	—	39	976	35	4,592	
P002T04R (RT)	—	—	—	39	747	33	3,538	
22-60RY (RT)	—	—	—	36	984	32	1,612	
NSC WATSON RR2Y (RT)	—	—	—	—	—	31	1,480	
S001-B1 (RT)	—	—	—	—	—	36	819	
23-11RY (RT)	—	—	—	—	—	27	714	
NSC LEROY RR2Y (RT)	—	—	—	—	—	30	517	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						32.4	19,580	

OATS YIELDS BY VARIETY 2013–2017†							RISK AREA 7	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
SUMMIT	—	98	103	107	5,087	121	6,772	
CS CAMDEN	—	—	—	119	605	91	2,825	
SOURIS	129	69	106	86	3,461	106	2,693	
FURLONG	131	112	—	—	—	91	691	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						108.6	14,173	

BARLEY* YIELDS BY VARIETY 2013–2017†							RISK AREA 7	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
CDC COPELAND	90	50	59	—	—	88	3,081	
CDC AUSTENSON	99	57	79	69	3,829	74	2,532	
AAC SYNERGY	—	—	—	75	3,502	90	1,617	
CELEBRATION	98	57	76	71	3,906	101	1,395	
NEWDALE	93	55	74	71	3,722	85	924	
AC METCALFE	75	53	74	51	2,943	74	666	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						80.8	11,396	

FIELD PEA YIELDS BY VARIETY 2013–2017†							RISK AREA 7	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
CDC AMARILLO	—	—	—	34	1,778	58	1,955	
CDC MEADOW	59	38	55	37	4,602	46	1,398	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						52.5	4,287	

RISK AREA 8

CANOLA YIELDS BY VARIETY 2013–2017†							RISK AREA 8	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
L252 (LT)	—	33	49	52	53,740	50	48,101	
L140P (LT)	—	26	53	52	45,310	50	45,585	
5440 (LT)	43	30	47	45	42,758	46	27,930	
L233P (LT)	—	—	—	—	—	57	24,368	
L241C (LT)	—	—	—	57	7,259	56	11,352	
46M34 (RT)	—	—	—	50	7,048	44	9,170	
L130 (LT)	39	28	48	50	11,535	50	8,895	
75-65 RR (RT)	—	—	—	49	2,724	47	7,065	
L230 (LT)	—	—	—	—	—	47	6,554	
6074 RR (RT)	—	—	—	41	3,221	45	6,019	
46H75 (ST)	43	34	48	52	6,428	52	5,258	

CANOLA YIELDS BY VARIETY 2013–2017†							RISK AREA 8	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
45M35 (RT)	—	—	—	—	—	46	4,694	
45H33 (RT)	—	—	44	52	4,161	45	4,243	
1020 RR (RT)	—	—	—	51	5,142	50	3,441	
2020 CL (ST)	—	—	46	49	4,766	51	2,818	
1990 (RT)	38	24	50	41	5,356	44	2,542	
45CS40 (RT)	—	—	—	28	1,219	49	1,969	
1012 RR (RT)	38	29	46	39	5,767	44	1,940	
45S56 (RT)	—	—	—	42	1,935	46	1,766	
1140 (LT)	—	—	—	—	—	52	1,627	
PV 560 GM (RT)	—	—	—	—	—	41	1,620	
PV 540 G (RT)	—	—	—	—	—	40	1,472	
74-44 BL (RT)	—	25	45	44	3,396	43	1,352	
6080 RR (RT)	—	—	—	44	1,315	44	1,262	
CS2000 (RT)	—	—	—	44	3,046	47	1,212	
CS2100 (RT)	—	—	—	—	—	46	901	
PV 530 G (RT)	—	26	35	33	3,665	34	838	
L157H (LT)	—	—	—	—	—	56	687	
1022 RR (RT)	—	—	—	44	566	44	503	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						49.3	240,310	

WHEAT YIELDS BY VARIETY 2013–2017†							RISK AREA 8	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
CARDALE (RS)	64	50	47	60	19,076	77	23,583	
AAC BRANDON (RS)	—	—	—	62	6,639	82	17,991	
HARVEST (RS)	66	48	47	61	34,234	77	17,329	
CDC PLENTIFUL (RS)	—	50	52	55	16,382	68	12,135	
AC DOMAIN (RS)	53	35	34	50	10,825	61	8,358	
MUCHMORE (RS)	74	45	46	61	4,504	68	4,532	
AAC CONNERY (RS)	—	—	—	—	—	71	3,321	
AAC ELIE (RS)	—	—	—	66	2,361	75	3,011	
CDC STANLEY (RS)	60	49	44	33	4,072	65	2,809	
CDC IMAGINE (RS)	62	44	56	66	1,804	74	2,316	
CARBERRY (RS)	63	40	42	48	5,099	53	1,790	
AC SPLENDOR (RS)	57	46	50	61	1,358	57	1,348	
AAC VIEWFIELD EXP (RS)	—	—	—	—	—	88	1,277	
AAC REDWATER (RS)	—	—	—	—	—	82	1,051	
5605HR CL (RS)	—	—	—	—	—	66	1,031	
5604HR CL (RS)	54	34	39	48	2,065	71	852	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						74.3	108,162	

SOYBEAN YIELDS BY VARIETY 2013–2017†							RISK AREA 8	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
NSC WATSON RR2Y (RT)	—	—	—	47	1,080	39	7,917	
P002T04R (RT)	—	—	37	36	5,304	35	6,390	
S0009-M2 (RT)	—	—	—	42	1,277	40	6,359	
ISIS RR (RT)	—	—	—	—	—	25	3,992	
NSC STARCITY RR2X (RR2X)	—	—	—	—	—	37	2,586	
P001T34R (RT)	—	—	—	37	1,264	23	1,837	
NSC LEROY RR2Y (RT)	—	—	—	—	—	39	1,535	
22-60RY (RT)	—	—	—	41	1,243	37	1,486	
TORRO R2 (RT)	—	—	—	—	—	38	1,022	
S001-B1 (RT)	—	—	—	—	—	38	800	
PS 0027 RR (RT)	—	—	—	—	—	40	542	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						35.6	36,526	

OATS YIELDS BY VARIETY 2013–2017†							RISK AREA 8	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
SUMMIT	138	81	99	101	4,500	100	3,037	
SOURIS	111	69	73	88	1,691	106	1,378	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						101.0	5,760	

BARLEY* YIELDS BY VARIETY 2013–2017†							RISK AREA 8	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
CDC AUSTENSON	104	62	73	72	1,067	96	723	
ROBUST	—	—	—	—	—	65	557	
CONLON	—	—	42	—	—	67	544	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						76.9	2,235	

† Yields only for those varieties grown on more than 500 acres and by more than 2 growers; ‡ On system as of January 4, 2018;

§ Weighted Average Yield and Total Acreage include acres not reported in the table.

¶ For additional characteristic codes, see the key at the end of the Risk Area tables.

* Assuming 48 lbs./bu.





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FIELD PEA YIELDS BY VARIETY 2013–2017†							RISK AREA 8	
Variety‡	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
CDC MEADOW	—	—	—	60	4,579	70	5,081	
CDC SAFFRON	—	—	—	77	1,265	76	1,514	
ABARTH	—	—	—	—	—	57	942	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§							70.0	7,562

RISK AREA 9

CANOLA YIELDS BY VARIETY 2013–2017†							RISK AREA 9	
Variety‡	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
L252 (LT)	—	33	46	46	116,517	48	104,996	
5440 (LT)	39	33	46	45	49,737	45	35,409	
L140P (LT)	—	31	46	47	29,771	45	33,341	
L233P (LT)	—	—	—	—	—	51	30,705	
1012 RR (RT)	36	29	41	43	36,786	42	28,885	
75-65 RR (RT)	—	—	34	40	9,028	45	17,561	
L230 (LT)	—	—	—	—	—	46	16,601	
1022 RR (RT)	—	—	—	43	6,171	46	14,138	
74-44 BL (RT)	37	38	39	37	7,525	41	9,271	
L130 (LT)	37	29	45	43	16,391	43	8,098	
46H75 (ST)	41	27	41	40	8,973	46	8,064	
2022CL (ST)	—	—	—	41	4,931	38	6,771	
6074 RR (RT)	—	—	—	49	2,354	46	6,678	
45H33 (RT)	—	—	46	45	8,910	40	6,039	
45M35 (RT)	—	—	—	—	—	50	5,949	
2020 CL (ST)	—	—	39	41	7,418	36	5,331	
1020 RR (RT)	—	—	—	44	8,141	44	4,615	
L157H (LT)	—	—	—	41	1,617	47	4,482	
PV 533 G (RT)	—	—	—	37	3,597	40	3,887	
75-45 RR (RT)	—	—	—	52	660	45	3,589	
2024 CL (ST)	—	—	—	—	—	40	3,394	
1990 (RT)	43	27	44	47	2,201	47	2,420	
46M34 (RT)	—	—	—	—	—	54	2,343	
PV 200 CL (ST)	—	—	—	45	2,174	39	2,175	
45H76 (ST)	39	—	39	—	—	43	1,947	
45CS40 (RT)	—	—	—	49	712	49	1,560	
CS2000 (RT)	—	—	—	41	1,817	43	1,434	
1970 (RT)	43	29	41	37	1,045	46	1,394	
V12-1 (RT)	28	27	39	46	1,456	45	1,053	
46A76 (ST)	—	—	—	31	1,097	40	928	
45H31 (RT)	32	39	42	45	2,685	50	896	
45H75 CL (ST)	—	29	47	48	1,898	46	889	
6060 RR (RT)	35	32	39	40	1,296	31	869	
PV 540 G (RT)	—	—	—	—	—	43	806	
L241C (LT)	—	—	—	—	—	43	767	
2012 CL (ST)	33	24	39	38	2,498	45	716	
PV 560 GM (RT)	—	—	—	—	—	44	677	
V14-1	—	—	—	—	—	35	514	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§							45.5	389,641

WHEAT YIELDS BY VARIETY 2013–2017†							RISK AREA 9	
Variety‡	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
AAC BRANDON (RS)	—	—	50	55	28,818	69	61,976	
CARDALE (RS)	70	41	48	52	38,261	65	27,294	
GLENN (RS)	59	38	44	49	25,651	61	18,406	
AC DOMAIN (RS)	57	29	42	50	21,725	66	18,252	
CDC PLENTIFUL (RS)	—	—	44	52	17,415	64	11,379	
CARBERRY (RS)	59	43	45	50	21,887	60	10,287	
AAC ELIE (RS)	—	—	—	52	1,043	70	8,045	
CDC STANLEY (RS)	63	35	49	53	7,275	66	6,851	
HARVEST (RS)	68	43	44	54	21,128	67	6,159	
FALLER (F)	69	—	70	59	5,082	86	4,657	
CDC VR MORRIS (RS)	—	20	50	55	6,374	71	4,634	
CDC BRADWELL (RS)	—	—	—	—	—	63	3,375	
AAC W1876 (RS)	—	—	—	47	932	61	3,287	
5605HR CL (RS)	—	—	—	47	3,496	60	3,197	
AAC REDWATER (RS)	—	—	—	58	917	70	2,487	
AAC CONNERY (RS)	—	—	—	—	—	70	2,245	
SY ROWYN (PS)	—	—	—	—	—	73	2,135	
WASKADA (RS)	59	30	52	43	660	54	902	
EMERSON (W)	—	—	54	63	1,979	47	838	
CDC BUTEO (W)	52	29	43	60	1,535	57	788	
AC BARRIE (RS)	56	41	41	36	4,000	34	516	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§							66.1	202,808

SOYBEAN YIELDS BY VARIETY 2013–2017†							RISK AREA 9	
Variety‡	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
S0009-M2 (RT)	—	—	—	41	5,133	39	18,127	
NSC WATSON RR2Y (RT)	—	—	—	45	6,544	34	14,137	
22-60RY (RT)	—	—	—	37	2,867	37	13,213	
AKRAS R2 (RT)	—	—	—	38	5,957	38	12,354	
P002T04R (RT)	—	—	35	41	7,483	34	8,500	
S007-Y4 RR2Y (RT)	—	—	40	41	5,813	39	8,231	
NSC WARREN RR (RT)	—	—	40	32	4,710	28	6,817	
ISIS RR (RT)	—	—	32	37	4,169	30	6,226	
NOTUS R2 (RT)	—	—	41	40	3,463	34	6,125	
NSC LEROY RR2Y (RT)	—	—	—	—	—	31	4,427	
NSC STARCITY RR2X (RR2X)	—	—	—	—	—	32	4,362	
LS 002R24N (RT)	—	27	41	37	2,851	30	3,840	
TH 32004R2Y (RT)	38	30	41	40	7,679	37	3,556	
TH 33003R2Y (RT)	35	33	41	38	3,957	34	3,358	
23-11RY (RT)	—	—	—	41	11,786	37	3,115	
P006T46R (RT)	—	—	—	—	—	35	2,974	
MCLEOD R2 (RT)	—	—	36	42	2,248	34	1,384	
S001-B1 (RT)	—	—	—	—	—	40	1,381	
MAHONY R2 (RT)	—	—	—	45	550	34	1,377	
S003-L3 (RT)	—	—	—	—	—	36	1,247	
TORRO R2 (RT)	—	—	—	—	—	38	1,224	
NSC RESTON RR2Y (RT)	—	24	—	—	—	36	1,135	
LS 003R24N (RT)	—	—	—	—	—	32	1,096	
TH 33005R2Y (RT)	—	—	44	46	1,475	35	1,080	
23-60RY (RT)	—	—	41	—	—	29	880	
DYLANO R2X (RT)	—	—	—	—	—	32	875	
P005T13R (RT)	—	—	—	—	—	38	791	
S001-B1 (RT)	—	—	—	—	—	36	690	
P006T78R2 (RT)	—	—	—	36	1,200	36	615	
DARIO R2X (RT)	—	—	—	—	—	26	610	
LS 002R23 (RT)	37	26	39	41	526	36	565	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§							34.1	157,823

OATS YIELDS BY VARIETY 2013–2017†							RISK AREA 9	
Variety‡	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
SOURIS	96	48	75	79	6,715	92	6,088	
SUMMIT	73	57	76	90	3,828	104	4,408	
CS CAMDEN	—	—	—	140	2,479	120	3,998	
AC MORGAN	118	96	73	100	2,525	112	3,723	
CDC SO-I	—	—	70	91	604	73	945	
TRIPLE CROWN	82	51	44	57	1,295	44	614	
LEGGETT	81	69	88	96	744	82	610	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§							93.8	25,587

BARLEY* YIELDS BY VARIETY 2013–2017†							RISK AREA 9	
Variety‡	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
CDC AUSTENSON	91	80	77	71	7,803	69	3,782	
AC METCALFE	74	43	66	59	7,459	68	2,711	
CELEBRATION	66	50	67	59	2,810	72	1,411	
NEWDALE	68	71	80	72	794	60	788	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§							72.8	13,952

FIELD PEA YIELDS BY VARIETY 2013–2017†							RISK AREA 9	
Variety‡	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
CDC AMARILLO	—	—	—	56	901	60	3,845	
CDC MEADOW	52	46	41	51	4,146	56	2,722	
ABARTH	—	—	—	47	1,956	65	949	
LIVIOLETTA	28	9	29	19	988	38	521	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§							53.5	10,095

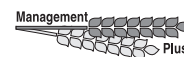
FLAX YIELDS BY VARIETY 2013–2017†							RISK AREA 9	
Variety‡	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
CDC BETHUNE	17	—	19	—	—	33	626	
CDC SORREL	—	11	17	—	—	28	501	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§							31.7	1,540

† Yields only for those varieties grown on more than 500 acres and by more than 2 growers; ‡ On system as of January 4, 2018;

§ Weighted Average Yield and Total Acreage include acres not reported in the table.

¶ For additional characteristic codes, see the key at the end of the Risk Area tables.

* Assuming 48 lbs./bu.



A hand is shown holding a string of numerous gold medals. The medals are hanging vertically, creating a thick cluster. Some of the visible designs on the medals include a piggy bank, a stack of money, a wheat stalk, and a stylized 'W'. The background is a clear blue sky above a field of golden wheat.

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RISK AREA 10

CANOLA YIELDS BY VARIETY 2013–2017†								RISK AREA 10	
Variety‡	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	2017	2017‡
L140P (LT)	—	43	41	39	12,487	49	16,330		
L252 (LT)	—	44	42	37	21,988	46	15,589		
L233P (LT)	—	—	—	—	—	52	6,650		
L130 (LT)	44	37	40	38	6,508	45	4,608		
5440 (LT)	43	39	40	33	7,144	42	3,004		
L157H (LT)	—	—	—	—	—	43	2,092		
2022CL (ST)	—	—	—	34	1,570	45	2,013		
1012 RR (RT)	39	30	38	38	1,058	42	1,475		
L230 (LT)	—	—	—	—	—	49	1,340		
2024 CL (ST)	—	—	—	—	—	42	1,296		
1022 RR (RT)	—	—	—	36	1,419	43	1,104		
L261 (LT)	—	40	47	37	1,207	46	956		
6074 RR (RT)	—	—	—	—	—	39	904		
L241C (LT)	—	—	—	—	—	37	872		
2020 CL (ST)	—	—	36	33	2,281	35	695		
45H33 (RT)	—	—	—	35	978	32	659		
WEIGHTED AVERAGE YIELD AND TOTAL ACRES‡§						45.8	65,754		

WHEAT YIELDS BY VARIETY 2013–2017†								RISK AREA 10	
Variety‡	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	2017	2017‡
AAC BRANDON (RS)	—	—	53	53	13,184	72	11,941		
CARDALE (RS)	—	56	53	48	10,335	66	9,161		
FALLER (F)	—	74	62	63	9,610	78	5,358		
EMERSON (W)	—	—	65	67	6,140	64	3,659		
AAC GATEWAY (W)	—	—	—	69	2,332	68	2,305		
GLENN (RS)	53	51	48	55	1,811	75	1,390		
AAC ELIE (RS)	—	—	—	61	1,525	63	1,385		
CARBERRY (RS)	52	41	46	46	1,489	57	1,334		
AAC PENHOLD (PS)	—	—	—	54	2,250	76	1,321		
WEIGHTED AVERAGE YIELD AND TOTAL ACRES‡§						68.4	40,505		

SOYBEAN YIELDS BY VARIETY 2013–2017†								RISK AREA 10	
Variety‡	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	2017	2017‡
24-10RY (RT)	36	32	41	43	7,121	40	12,529		
P008T70R (RT)	—	—	35	38	6,365	36	9,347		
LS 003R24N (RT)	—	—	40	41	3,270	34	7,017		
S007-Y4 RR2Y (RT)	—	—	42	41	4,168	40	6,199		
P006T46R (RT)	—	—	—	—	—	34	6,147		
LS 005R22 (RT)	41	36	42	41	6,618	35	5,089		
23-60RY (RT)	—	—	40	42	3,858	39	4,855		
PS 0027 RR (RT)	—	—	31	32	5,132	26	4,046		
AKRAS R2 (RT)	—	—	—	38	3,026	37	3,527		
24-12RY (RT)	—	—	—	—	—	33	3,509		
TH 33005R2Y (RT)	—	37	41	50	1,670	40	3,330		
GRAY R2 (RT)	—	—	42	42	3,209	31	3,207		
P006T78R2 (RT)	—	—	—	39	3,241	30	3,016		
PRO 2525R2 (RT)	—	—	—	44	1,359	37	2,778		
P008T22R2 (RT)	—	—	32	—	—	36	2,431		
TH 32004R2Y (RT)	36	31	36	43	2,303	33	2,030		
NSC AUSTIN RR2Y (RT)	—	—	—	—	—	37	1,972		
LS MAIDAN (RT)	—	—	—	42	989	36	1,967		
S006-W5 (RT)	—	—	—	—	—	43	1,941		
PS 0074 R2 (RT)	—	—	39	40	1,939	35	1,814		
TH 34006R2Y (RT)	—	—	—	42	773	33	1,730		
NSC RESTON RR2Y (RT)	—	21	38	42	1,455	35	1,707		
DKB005-52 (RT)	—	—	—	—	—	38	1,456		
NSC RICHER RR2Y (RT)	45	37	36	45	2,414	34	1,267		
NSC GLADSTONE RR2Y (RT)	—	33	39	39	3,009	31	1,217		
25-10RY (RT)	42	37	39	42	760	30	1,108		
NSC WATSON RR2Y (RT)	—	—	—	—	—	37	1,063		
23-10RY (RT)	38	31	—	—	—	41	1,037		
NSC ANOLA RR2Y (RT)	41	28	38	43	1,804	33	875		
BARKER R2X	—	—	—	—	—	28	865		
TH 87003R2X (RR2X)	—	—	—	—	—	27	844		
0066 XR (RR2X)	—	—	—	—	—	33	827		
DYLANO R2X (RT)	—	—	—	—	—	34	757		
LS 005R21 (RT)	45	—	—	—	—	32	755		
NSC STARBUCK (RR2X)	—	—	—	—	—	35	666		
TH 33003R2Y (RT)	38	31	34	—	—	36	664		
LS MISTRAL (RT)	—	—	—	—	—	37	661		
WEIGHTED AVERAGE YIELD AND TOTAL ACRES‡§						35.4	115,355		

OATS YIELDS BY VARIETY 2013–2017†						RISK AREA 10	
Variety‡	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres
SUMMIT	87	82	98	103	4,054	133	7,016
CS CAMDEN	—	—	90	100	2,512	119	5,292
SOURIS	103	88	93	88	6,519	103	4,602
FURLONG	101	80	75	87	1,576	99	1,863
AAC JUSTICE	—	—	—	97	736	104	631
WEIGHTED AVERAGE YIELD AND TOTAL ACRES§						115.8	21,867

CORN YIELDS BY VARIETY 2013–2017†						RISK AREA 10	
Variety‡	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres
P7958AM	—	—	124	132	8,269	139	8,600
P7632AM (BT)(LT)(RT)	—	—	128	127	11,950	143	7,903
P7332R (RT)	—	100	127	121	3,231	131	4,895
P7211HR	—	—	—	122	2,156	129	3,766
P7527AM (LT)(RT)	—	—	—	—	—	139	2,694
TH 7578 VT2P RIB (RIB)	—	—	—	136	667	149	2,488
A4939G2 RIB (RIB)	—	—	—	—	—	160	1,820
P7410HR (HX1)(LT)(RT)	—	—	129	—	—	141	1,756
DKC33-78RIB (RIB)	—	—	—	—	—	167	1,663
DKC23-17RIB (VT2P)(RIB)	—	—	—	—	—	118	1,551
39V05 (RT)	135	101	110	125	605	129	1,505
P7202AM (HX1)(LT)(RT)	—	—	—	—	—	119	1,385
DKC26-28RIB (BT)(RIB)(RT)	133	117	145	140	2,283	134	1,001
DKC27-55RIB (BT)(RIB)	—	—	—	134	2,197	147	993
TH 7677 VT2P RIB (RIB)	—	—	—	122	1,395	114	973
P7632HR (BT)(RT)	129	101	110	116	753	157	928
DKC30-07 (RT)	—	—	—	140	952	141	861
39V09AM (BT)(HX1)(LT)(RT)	—	—	—	152	727	135	772
LR9573VT2PRI (VT2P)(RIB)	—	—	—	104	755	121	605
A4631G2 RIB (RIB)	—	—	125	132	1,205	140	590
A4199G2 RIB (VT2P)(RIB)	—	—	—	—	—	134	545
WEIGHTED AVERAGE YIELD AND TOTAL ACRES‡§						138.0	52,449

BARLEY* YIELDS BY VARIETY 2013–2017†						RISK AREA 10	
Variety‡	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres
CDC AUSTENSON	—	56	68	86	4,293	91	3,808
CONLON	67	50	63	69	5,619	79	1,801
WEIGHTED AVERAGE YIELD AND TOTAL ACRES§						87.9	6,868

DRY BEAN YIELDS BY VARIETY 2013–2017†						RISK AREA 10	
	2013	2014	2015	2016	2016	2017	2017‡
Variety‡	Yield	Yield	Yield	Yield	Acres	Yield	Acres
T9905 (WHITE PEA)	1,973	1,940	1,682	1,971	3,517	1,918	5,997
WINDBREAKER (PINTO)	2,072	1,008	1,704	1,433	2,126	2,249	2,715
RED HAWK (KIDNEY)	—	—	—	399	1,508	1,563	824
ECLIPSE (BLACK)	1,739	1,579	—	1,310	616	2,427	773
MONTCALM (KIDNEY)	—	—	—	—	—	1,671	734
WEIGHTED AVERAGE YIELD AND TOTAL ACRES§						2027.7	13,990

SUNFLOWER YIELDS BY VARIETY 2013–2017†							RISK AREA 10	
Variety‡	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
P63ME70 (O)	1,757	1,609	1,746	1,724	913	2,604	1,688	
WEIGHTED AVERAGE YIELD AND TOTAL ACRES‡§						2365.2	3,562	

RISK AREA 11

CANOLA YIELDS BY VARIETY 2013–2017†						RISK AREA 11	
Variety‡	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres
L252 (LT)	—	40	42	40	58,657	48	39,767
L140P (LT)	—	36	43	40	44,081	49	38,306
L233P (LT)	—	—	—	—	—	50	20,482
2022CL (ST)	—	—	—	31	2,163	45	9,076
L230 (LT)	—	—	—	—	—	50	5,779
1022 RR (RT)	—	—	—	38	5,480	46	4,578
5440 (LT)	48	40	38	39	5,949	46	4,563
74-44 BL (RT)	41	30	34	37	6,220	42	4,287
75-65 RR (RT)	—	—	—	36	4,126	40	3,904
L157H (LT)	—	—	—	41	1,195	50	3,018
L241C (LT)	—	—	—	39	4,230	42	2,245

† Yields only for those varieties grown on more than 500 acres and by more than 2 growers; ‡ On system as of January 4, 2018;

§ Weighted Average Yield and Total Acreage include acres not reported in the table.

¶ For additional characteristic codes, see the key at the end of the Risk Area tables.

* Assuming 48 lbs./bu.



CANOLA YIELDS BY VARIETY 2013-2017†							RISK AREA 11	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
L157H (LT)	—	—	—	41	1,195	50	3,018	
L241C (LT)	—	—	—	39	4,230	42	2,245	
1012 RR (RT)	44	32	35	35	3,434	44	2,110	
CS2100 (RT)	—	—	—	—	—	44	1,946	
L130 (LT)	47	35	40	38	8,359	49	1,700	
L261 (LT)	—	40	38	40	2,032	45	1,337	
46H75 (ST)	43	40	42	—	—	53	1,075	
2024 CL (ST)	—	—	—	—	—	46	1,038	
PV 540 G (RT)	—	—	—	—	—	45	893	
SY4157 (RT)	—	—	31	—	—	45	760	
6074 RR (RT)	—	—	—	—	—	42	565	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§							47.4	155,053

WHEAT YIELDS BY VARIETY 2013-2017†							RISK AREA 11	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
AAC BRANDON (RS)	—	68	58	60	77,363	78	96,748	
CARDALE (RS)	75	55	55	55	33,887	70	21,800	
FALLER (F)	83	59	63	63	21,800	81	19,760	
AAC ELIE (RS)	—	—	46	54	5,750	73	11,482	
CARBERRY (RS)	66	49	50	51	10,633	64	5,079	
SY ROWYN (PS)	—	—	50	—	—	72	4,086	
GLENN (RS)	66	55	50	45	4,690	74	3,833	
PROSPER (F)	—	66	67	64	4,062	80	2,550	
AAC GATEWAY (W)	—	—	85	84	3,020	76	1,964	
EMERSON (W)	—	62	68	72	11,252	80	1,795	
AAC PENHOLD (PS)	—	—	—	64	2,970	80	1,718	
WR859 CL (RS)	63	49	51	55	4,143	73	1,153	
AAC CONNERY (RS)	—	—	—	—	—	66	845	
AC DOMAIN (RS)	67	59	51	60	853	73	772	
CDC TITANIUM (RS)	—	—	—	43	655	62	721	
AAC VIEWFIELD EXP (RS)	—	—	—	—	—	73	711	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§							76.3	178,692

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Roundup Ready 2
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CORN

SOYBEAN YIELDS BY VARIETY 2013-2017†							RISK AREA 11	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
24-10RY (RT)	42	36	45	48	16,425	37	27,622	
S007-Y4 RR2Y (RT)	—	39	42	43	16,897	38	20,826	
AKRAS R2 (RT)	—	—	48	40	7,080	39	11,902	
23-60RY (RT)	—	34	39	39	11,889	33	11,530	
P006T46R (RT)	—	—	—	44	1,127	35	11,469	
LS 003R24N (RT)	—	—	38	45	8,686	36	9,559	
LS 002R24N (RT)	—	—	39	43	6,324	36	7,381	
TH 33003R2Y (RT)	41	30	36	34	4,388	35	7,022	
NSC GLADSTONE RR2Y (RT)	—	40	35	40	5,303	33	6,172	
TH 32004R2Y (RT)	39	31	38	38	7,766	35	5,361	
S0009-M2 (RT)	—	—	—	41	2,796	34	4,694	
LS MAIDAN (RT)	—	—	—	51	3,376	38	4,512	
NSC WATSON RR2Y (RT)	—	—	—	37	2,396	35	4,511	
TH 33005R2Y (RT)	—	34	39	43	5,590	35	3,733	
MCLEOD R2 (RT)	—	33	40	42	3,566	35	3,034	
NSC RICHER RR2Y (RT)	42	39	46	46	4,056	37	3,016	
MAHONY R2 (RT)	—	—	—	44	2,478	35	2,991	
LS 005R22 (RT)	46	36	38	41	5,732	36	2,954	
24-12RY (RT)	—	—	—	—	—	35	2,890	
22-60RY (RT)	—	—	—	40	1,397	34	2,768	
NSC STARBUCK (RR2X)	—	—	—	—	—	31	2,727	
23-11RY (RT)	—	—	—	—	—	37	2,444	
GRAY R2 (RT)	—	34	46	38	2,170	36	2,443	
P008T22R2 (RT)	—	—	45	42	3,291	32	2,248	
S003-L3 (RT)	—	—	—	—	—	39	2,052	
DYLANO R2X (RT)	—	—	—	—	—	32	2,011	
LS MISTRAL (RT)	—	—	—	—	—	43	1,728	
S006-W5 (RT)	—	—	—	—	—	43	1,672	
TORRO R2 (RT)	—	—	—	—	—	38	1,663	



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Clearview Acres Ltd.	Virden	748-2666	Redsper Enterprises	Rivers	328-5346
Court Seeds	Plumas	386-2354	Rutherford Farms	Grosse Isle	467-5613
Durand Seeds	Notre Dame	248-2268	R-Way Ag	St. Claude	379-2582
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Friesen Seeds Ltd.	Morris	746-8325	Swan Valley Seeds	Swan River	734-2526
Gagnon Seeds	Ste. Rose	447-2118	Triple "S" Seed	Grandview	546-2590
HB Agri-Seed Ltd.	Killamey	523-7464	Westman Aerial	Brandon	763-8998
James Farms	Winnipeg	222-8785	Wheat City Seeds	Brandon	727-3337
Jeffries Seeds Ltd.	Glenboro	827-2102	Wilson Seeds Ltd.	Darlingford	244-2388
Manness Seeds	Domain	736-2622	Zeghers Seed Farm	Holland	526-2145
MB Seeds	Lowe Farm	746-4652			

† Yields only for those varieties grown on more than 500 acres and by more than 2 growers; ‡ On system as of January 4, 2018;

§ Weighted Average Yield and Total Acreage include acres not reported in the table.

¶ For additional characteristic codes, see the key at the end of the Risk Area tables.

* Assuming 48 lbs./bu.

Management Plus

SOYBEAN YIELDS BY VARIETY 2013–2017†							RISK AREA 11	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
PS 0035 NR2 (RT)	—	—	—	41	1,192	33	1,599	
DKB005-52 (RT)	—	—	—	—	—	42	1,466	
TH 87003R2X (RR2X)	—	—	—	—	—	34	1,430	
KOSMO R2 (RT)	—	—	—	—	—	30	1,387	
S001-B1 (RT)	—	—	—	—	—	32	1,361	
DUGALDO R2X (RR2X)	—	—	—	—	—	38	1,318	
P006T78R2 (RT)	—	—	—	36	3,009	36	1,276	
NSC AUSTIN RR2Y (RT)	—	—	—	—	—	40	1,237	
TH 37004 R2Y (RT)	—	—	—	—	—	35	1,223	
PRO 2525R2 (RT)	—	—	—	—	—	39	1,186	
23-10RY (RT)	41	32	36	—	—	29	1,001	
P008T70R (RT)	—	—	38	41	3,931	36	867	
LS 003R22 (RT)	40	39	40	41	1,070	31	825	
P005T13R (RT)	—	—	—	—	—	37	793	
PV10S005RR2 (RT)	—	—	—	—	—	35	758	
NSC LIBAU RR2Y (RT)	38	32	40	38	1,515	38	692	
TH 33004R2Y (RT)	—	—	31	50	769	37	645	
S006-W5 (RT)	—	—	—	—	—	36	615	
LS SOLAIRE (RT)	—	—	—	—	—	33	565	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§						35.6	209,679	

OATS YIELDS BY VARIETY 2013–2017†							RISK AREA 11	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
CS CAMDEN	—	—	131	120	5,956	148	11,033	
SUMMIT	127	83	105	112	4,919	140	8,943	
SOURIS	123	92	100	87	4,059	115	3,040	
FURLONG	92	54	62	71	847	101	917	
STRIDE	—	100	107	106	1,690	130	642	
LEGGETT	94	72	85	73	598	58	536	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§						135.1	27,632	

CORN YIELDS BY VARIETY 2013–2017†							RISK AREA 11	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
P7211HR	—	—	—	140	1,809	126	3,367	
P7632AM (BT)(LT)(RT)	—	—	155	157	1,786	134	2,480	
P7332R (RT)	—	59	132	146	2,550	127	2,190	
DKC23-17RIB (VT2P)(RIB)	—	—	—	—	—	119	1,269	
P7202AM (HX1)(LT)(RT)	—	—	—	—	—	142	1,182	
P7527AM (LT)(RT)	—	—	—	—	—	150	1,037	
DKC27-55RIB (BT)(RIB)	—	—	—	144	707	128	1,012	
P7410HR (HX1)(LT)(RT)	—	—	122	—	—	138	747	
MZ 1340DBR (RIB)	—	—	—	—	—	144	654	
P7958AM	—	—	—	153	882	134	634	
MZ 1633DBR (RT)	—	—	—	156	1,156	136	550	
TH 7574 VT2P RIB (RIB)(RT)	—	—	109	—	—	131	518	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§						131.0	18,861	

BARLEY* YIELDS BY VARIETY 2013–2017†							RISK AREA 11	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
CONLON	82	65	67	80	9,357	103	11,177	
CDC AUSTENSON	105	75	81	85	15,349	101	9,361	
CANMORE	—	—	—	76	1,896	101	4,002	
CELEBRATION	99	67	58	77	1,184	80	1,732	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§						98.1	28,794	

DRY BEAN YIELDS BY VARIETY 2013–2017†							RISK AREA 11	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
WINDBREAKER (PINTO)	2,150	1,885	2,233	2,286	6,397	2,277	6,614	
T9905 (WHITE PEA)	2,452	1,797	1,755	2,476	2,168	2,119	4,449	
ECLIPSE (BLACK)	2,176	1,806	2,161	2,077	1,700	2,251	2,281	
ENVOY (WHITE PEA)	2,421	1,523	1,515	1,850	829	1,658	1,645	
PINK PANTHER (KIDNEY)	2,443	1,420	1,739	1,545	2,294	2,013	1,213	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§						2134.8	20,607	

FIELD PEA YIELDS BY VARIETY 2013–2017†							RISK AREA 11	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
AAC CARVER	—	—	—	—	—	77	1,718	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§						69.6	2,301	

SUNFLOWER YIELDS BY VARIETY 2013–2017†							RISK AREA 11	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
6946 DMR (C)	—	—	1,356	2,330	1,945	2,948	2,068	
P63ME70 (O)	2,502	1,464	1,347	1,854	916	1,984	933	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§						2642.3	3,761	

RISK AREA 12

CANOLA YIELDS BY VARIETY 2013–2017†							RISK AREA 12	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
L140P (LT)	—	47	44	40	138,855	53	137,282	
L252 (LT)	—	46	45	41	149,294	53	101,943	
L233P (LT)	—	—	—	—	—	56	64,999	
46H75 (ST)	47	42	43	43	23,315	56	20,686	
L230 (LT)	—	—	—	—	—	55	12,299	
L157H (LT)	—	—	—	36	4,093	54	11,446	
2022CL (ST)	—	—	—	33	6,065	48	8,373	
L261 (LT)	—	44	43	48	6,378	57	4,551	
74-44 BL (RT)	42	30	39	38	1,316	47	4,352	
2024 CL (ST)	—	—	—	—	—	49	4,210	
L241C (LT)	—	—	—	42	4,705	52	2,773	
5440 (LT)	50	44	42	37	11,256	51	2,672	
45H75 CL (ST)	43	41	44	40	4,065	55	2,669	
PV 200 CL (ST)	—	—	—	39	6,420	54	2,336	
45H76 (ST)	45	33	43	38	5,322	52	1,953	
2020 CL (ST)	—	—	34	34	8,071	46	1,940	
1012 RR (RT)	49	40	34	33	1,168	47	1,688	
1022 RR (RT)	—	—	—	32	1,898	49	1,528	
1140 (LT)	—	—	45	53	705	53	1,493	
L150 (LT)	49	40	44	33	1,393	60	1,464	
75-65 RR (RT)	—	—	—	37	1,080	39	1,358	
45M35 (RT)	—	—	—	—	—	47	1,261	
6074 RR (RT)	—	—	—	—	—	48	987	
CS2100 (RT)	—	—	—	—	—	47	894	
CS2200 CL (ST)	—	—	—	—	—	53	769	
L130 (LT)	49	41	39	36	6,863	52	748	
L156H (LT)	51	48	43	34	22,472	56	590	
5545CL (ST)	—	—	—	—	—	53	516	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§						53.4	407,552	

WHEAT YIELDS BY VARIETY 2013–2017†							RISK AREA 12	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
AAC BRANDON (RS)	—	73	65	59	156,004	79	212,774	
FALLER (F)	82	79	69	67	71,439	88	54,628	
CARDALE (RS)	77	69	61	51	98,107	76	50,552	
AAC ELIE (RS)	—	—	64	55	21,045	79	21,437	
CARBERRY (RS)	65	58	57	50	25,678	71	16,831	
PROSPER (F)	—	86	70	65	35,259	86	13,727	
AAC PENHOLD (PS)	—	—	79	66	31,353	82	11,619	
SY ROWYN (PS)	—	—	—	62	955	87	10,203	
GLENN (RS)	67	62	58	48	12,168	71	6,066	
WR859 CL (RS)	68	57	57	55	4,411	73	1,844	
5604HR CL (RS)	67	61	59	57	1,688	73	1,770	
EMERSON (W)	—	66	73	81	28,471	63	1,442	
PASTEUR (F)	88	77	66	59	14,081	82	1,364	
AAC VIEWFIELD EXP (RS)	—	—	—	—	—	80	1,253	
CDC FALCON (W)	75	70	80	85	6,888	70	1,214	
AAC GATEWAY (W)	—	—	82	89	7,207	80	1,074	
CDC PLENTIFUL (RS)	—	—	62	59	1,579	59	969	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§						79.9	411,811	

† Yields only for those varieties grown on more than 500 acres and by more than 2 growers; ‡ On system as of January 4, 2018;

§ Weighted Average Yield and Total Acreage include acres not reported in the table.

¶ For additional characteristic codes, see the key at the end of the Risk Area tables.

* Assuming 48 lbs./bu.



SOYBEAN YIELDS BY VARIETY 2013-2017†						RISK AREA 12	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres
24-12RY (RT)	—	—	—	50	4,862	33	66,379
25-10RY (RT)	42	38	42	47	63,869	34	63,675
P006T46R (RT)	—	—	—	48	3,778	33	41,956
PS 0027 RR (RT)	—	—	33	36	31,120	28	38,120
NSC RICHER RR2Y (RT)	43	38	40	43	68,319	34	32,455
S007-Y4 RR2Y (RT)	—	38	42	45	28,480	36	32,084
24-10RY (RT)	41	36	43	47	31,080	36	30,513
23-60RY (RT)	—	39	41	42	25,843	31	29,647
NSC GLADSTONE RR2Y (RT)	—	31	40	40	15,426	31	24,054
PRO 2525R2 (RT)	43	—	34	47	6,806	36	22,809
TH 33005R2Y (RT)	44	38	41	47	20,612	34	20,052
NSC STARBUCK (RR2X)	—	—	—	48	3,944	33	19,552
S006-W5 (RT)	—	—	—	—	—	37	19,549
DKB005-52 (RT)	—	—	—	54	976	37	19,506
AKRAS R2 (RT)	—	—	42	43	31,220	33	16,884
P008T22R2 (RT)	—	36	40	44	25,247	31	16,615
LS 003R24N (RT)	—	—	41	46	15,512	33	15,758
LS ECLIPSE (RT)	—	—	—	47	8,453	37	14,844
TH ASTRO R2Y (RT)	—	—	—	—	—	33	11,814
S006-W5 (RT)	—	—	—	51	1,012	36	9,587
PS 0074 R2 (RT)	—	41	41	44	10,567	36	9,414
NSC ARNAUD RR2Y (RT)	—	—	45	40	7,974	33	9,338
TH 34006R2Y (RT)	—	38	41	47	5,771	35	8,593
LONO R2 (RT)	—	—	—	49	1,475	33	7,596
MAHONY R2 (RT)	—	—	—	40	6,215	31	5,717
OAC PRUDENCE	35	31	38	34	10,384	25	5,694
NSC JORDAN RR2Y (RT)	—	—	—	—	—	34	5,631
NSC RESTON RR2Y (RT)	44	33	41	39	5,952	31	5,185
DKB008-81 (RT)	—	—	—	46	1,661	36	5,073

SOYBEAN YIELDS BY VARIETY 2013-2017†						RISK AREA 12	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres
P006T78R2 (RT)	—	—	44	43	6,786	33	5,034
LS 005R22 (RT)	42	34	41	48	8,536	35	4,726
S0009-M2 (RT)	—	—	—	37	4,503	34	4,712
P007A90R (RT)	—	—	—	—	—	36	4,707
NSC WATSON RR2Y (RT)	—	—	45	44	3,332	31	4,676
P008T70R (RT)	—	42	40	44	27,019	34	4,546
TH 33003R2Y (RT)	41	33	42	41	5,437	35	4,510
GRAY R2 (RT)	—	35	41	48	3,128	34	4,302
ASTRO R2 (RT)	43	40	42	44	18,173	35	3,948
LS 003R22 (RT)	39	37	34	38	1,512	33	3,813
P002A63R (RT)	—	—	—	—	—	36	3,728
LS MISTRAL (RT)	—	—	—	—	—	37	3,599
MCLEOD R2 (RT)	—	36	38	36	5,706	28	3,432
BARKER R2X	—	—	—	—	—	29	3,353
NSC AUSTIN RR2Y (RT)	—	—	—	47	1,147	33	3,083
TH 32004R2Y (RT)	40	34	40	43	6,202	37	2,762
S001-B1 (RT)	—	—	—	46	606	33	2,639
PV10S005RR2 (RT)	—	—	—	—	—	38	2,570
S008-N2 (RT)	—	—	—	—	—	37	2,512
DYLANO R2X (RT)	—	—	—	—	—	33	2,463
S003-L3 (RT)	—	—	—	50	1,391	34	2,456
DUGALDO R2X (RR2X)	—	—	—	—	—	37	2,452
NSC LIBAU RR2Y (RT)	40	33	40	38	3,497	31	2,208
NSC SANFORD R2Y (RT)	—	—	43	49	5,846	31	2,197
PS 0035 NR2 (RT)	—	—	—	42	1,531	30	2,106
P002T04R (RT)	—	31	37	45	2,360	25	2,090
TH 87003R2X (RR2X)	—	—	—	47	543	40	2,032
DOMINGO R2X (RR2X)	—	—	—	41	1,367	32	2,031
OAC ERIN	41	38	37	30	1,854	26	2,005

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 § Weighted Average Yield and Total Acreage include acres not reported in the table. * Assuming 48 lbs./bu.
 ¶ For additional characteristic codes, see the key at the end of the Risk Area tables.



SOYBEAN YIELDS BY VARIETY 2013–2017†							RISK AREA 12	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
P005T13R (RT)	—	—	—	45	3,118	28	1,924	
HS 006RYS24 (RT)	43	34	37	48	2,118	34	1,918	
NSC STARCITY RR2X (RR2X)	—	—	—	—	—	30	1,719	
SR006HP	—	—	—	36	1,384	26	1,705	
25-04R (RT)	46	—	—	—	—	38	1,602	
TH 37004 R2Y (RT)	—	—	—	—	—	34	1,565	
LS 002R24N (RT)	—	31	36	38	1,309	33	1,346	
LS MAIDAN (RT)	—	—	43	48	6,413	34	1,346	
LS 005R24 (RT)	—	38	41	42	4,091	35	1,293	
NSC TILSTON RR2Y (RT)	—	39	40	50	2,661	35	1,265	
27005RR (RT)	—	—	—	50	1,035	33	1,214	
0066 XR (RR2X)	—	—	—	—	—	31	1,177	
HYDRA R2 (RT)	—	—	—	—	—	29	1,127	
TH 36007R2Y (RT)	—	—	—	52	770	38	1,111	
25-52R (RT)	—	—	—	—	—	31	1,044	
LS 005R21 (RT)	42	37	45	48	2,177	28	1,025	
NSC GREENRIDGE RR2Y	—	—	—	—	—	34	988	
LS NORTHWESTER (RT)	—	—	39	38	2,416	34	969	
22-60RY (RT)	—	—	—	42	1,842	32	965	
DKB006-29 (RR2X)	—	—	—	—	—	38	917	
PRO 2535R2	—	—	—	—	—	29	884	
26006RR (RT)	—	—	—	—	—	29	880	
23-10RY (RT)	36	31	41	36	1,022	33	819	
KOSMO R2 (RT)	—	—	—	—	—	32	724	
TH 88008 R2X	—	—	—	—	—	38	608	
LS SLOIRE (RT)	—	—	—	—	—	30	568	
OPUS	—	—	—	—	—	32	534	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						33.3	759,883	

OATS YIELDS BY VARIETY 2013–2017†							RISK AREA 12	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
SUMMIT	133	126	137	129	45,576	154	69,321	
CS CAMDEN	—	—	135	128	23,735	158	49,898	
SOURIS	129	124	130	126	24,650	147	16,256	
RONALD	150	139	131	119	2,956	166	3,665	
PINNACLE	125	98	123	128	1,927	150	2,205	
CDC MORRISON	—	—	128	87	1,129	143	1,305	
HAYWIRE	—	—	128	137	980	162	1,175	
FURLONG	123	115	132	115	2,827	155	1,062	
TRIACTOR	144	143	132	142	1,307	172	978	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						154.7	149,118	

CORN YIELDS BY VARIETY 2013–2017†							RISK AREA 12	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
P7632AM (BT)(LT)(RT)	—	—	147	153	42,819	134	47,703	
P7958AM	—	—	149	152	46,186	144	37,965	
DKC33-78RIB (RIB)	—	—	—	177	3,809	157	23,285	
P7527AM (LT)(RT)	—	—	—	—	—	142	11,318	
TH 7578 VT2P RIB (RIB)	—	—	134	146	6,259	126	10,435	
39V09AM (BT)(HX1)(LT)(RT)	—	—	—	156	11,386	146	8,641	
P7211HR	—	—	—	159	4,534	134	7,417	
DKC27-55RIB (BT)(RIB)	—	—	—	148	6,732	140	6,481	
P7332R (RT)	—	124	141	155	5,665	139	5,701	
39V05 (RT)	152	131	144	162	7,197	144	3,550	
P7410HR (HX1)(LT)(RT)	—	—	146	165	751	140	3,229	
P7202AM (HX1)(LT)(RT)	—	—	—	137	1,798	134	3,071	
P8387AM (BT)(HX1)(LT)(RT)	—	—	—	164	784	150	2,381	
DKC26-28RIB (BT)(RIB)(RT)	144	131	147	146	2,400	147	2,109	
DKC32-12RIB (RIB)(RT)	—	—	—	180	1,004	164	1,975	
A4939G2 RIB (RIB)	—	—	—	172	1,040	156	1,959	
TH 7677 VT2P RIB (RIB)	—	—	—	162	1,869	131	1,856	
DKC30-07 (RT)	154	131	155	163	3,288	159	1,843	
DKC30-19RIB (RIB)	—	—	—	—	—	125	1,692	
P8542AM (BT)(HX1)(LT)(RT)	—	—	—	—	—	159	1,663	
MZ 1633DBR (RT)	—	—	136	156	732	124	1,561	
P7632HR (BT)(RT)	146	129	149	150	4,355	146	1,484	
A4199G2 RIB (VT2P)(RIB)	—	—	—	146	1,094	123	1,125	
DKC30-07RIB (RIB)	—	134	156	170	2,607	153	1,093	
TH 7681 VT2P (RIB)	—	—	—	—	—	119	828	

† Yields only for those varieties grown on more than 500 acres and by more than 2 growers; ‡ On system as of January 4, 2018;
§ Weighted Average Yield and Total Acreage include acres not reported in the table. * Assuming 48 lbs./bu.
¶ For additional characteristic codes, see the key at the end of the Risk Area tables.

CORN YIELDS BY VARIETY 2013–2017†							RISK AREA 12	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
DKC23-17RIB (VT2P)(RIB)	—	—	—	—	—	126	822	
PS 2210VT2P RIB (RIB)	—	—	—	—	—	94	679	
TH 4578 RR (RT)	—	—	158	157	760	154	539	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						140.9	200,759	

BARLEY* YIELDS BY VARIETY 2013–2017†							RISK AREA 12	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
CONLON	95	77	82	80	13,883	109	11,736	
CELEBRATION	94	79	86	79	9,857	102	6,004	
AAC SYNERGY	—	—	—	64	8,961	99	5,122	
TRADITION	95	74	83	73	5,944	98	4,032	
CDC AUSTENSON	113	84	94	84	11,620	111	3,450	
CANMORE	—	—	—	94	533	104	2,888	
AC METCALFE	—	95	75	52	3,646	93	1,698	
NEWDALE	93	68	85	87	1,140	107	999	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						103.7	37,155	

DRY BEAN YIELDS BY VARIETY 2013–2017†							RISK AREA 12	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
WINDBREAKER (PINTO)	2,321	1,870	2,187	1,581	25,952	2,469	26,021	
ECLIPSE (BLACK)	2,033	1,570	1,792	1,457	11,513	2,048	10,938	
T9905 (WHITE PEA)	2,469	1,753	1,940	1,579	3,185	2,423	2,623	
MONTERREY (PINTO)	—	—	1,735	999	2,729	2,299	2,409	
SV6533GR (PINTO)	—	—	—	—	—	2,264	1,643	
CHIANTI (CRANBERRY)	—	—	—	—	—	1,896	1,410	
RED HAWK (KIDNEY)	—	—	—	—	—	1,704	1,187	
VIBRANT (PINTO)	—	—	—	—	—	2,635	1,053	
CRIMSON (CRANBERRY)	—	1,795	1,962	—	—	2,518	791	
AC PINTOBA (PINTO)	—	—	—	1,292	666	2,185	711	
ETNA (CRANBERRY)	—	—	1,911	—	—	1,949	600	
LARIAT (PINTO)	—	—	—	—	—	2,491	565	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						2277.8	53,193	

FIELD PEA YIELDS BY VARIETY 2013–2017†							RISK AREA 12	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
AGASSIZ	65	53	58	21	28,172	60	1,932	
AAC CARVER	—	—	—	33	863	60	702	
CDC AMARILLO	—	—	—	23	600	61	615	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						60.5	4,610	

SUNFLOWER YIELDS BY VARIETY 2013–2017†							RISK AREA 12	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
P63ME70 (O)	2,773	2,315	1,713	1,532	6,444	2,392	4,793	
P63ME80 (O)	—	1,486	1,861	1,482	2,880	2,414	4,536	
6946 DMR (C)	2,513	1,825	1,590	1,365	3,838	2,518	3,849	
TALON (O)	—	—	—	—	—	2,299	941	
JAGUAR DMR (C)	2,242	1,841	1,797	1,237	1,169	2,502	508	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						2411.9	16,517	

FLAX YIELDS BY VARIETY 2013–2017†							RISK AREA 12	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
HANLEY	31	26	32	32	2,255	37	1,990	
CDC GLAS	—	39	31	30	3,723	38	1,571	
CDC SORREL	34	25	25	21	1,500	33	1,299	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						36.2	6,935	

RISK AREA 14

CANOLA YIELDS BY VARIETY 2013–2017†							RISK AREA 14	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
L140P (LT)	—	30	46	36	26,625	55	28,341	
L233P (LT)	—	—	—	—	—	59	7,517	
L252 (LT)	—	31	43	30	13,264	48	3,043	



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CANOLA YIELDS BY VARIETY 2013–2017†							RISK AREA 14	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
L230 (LT)	—	—	—	—	—	48	2,335	
L241C (LT)	—	—	—	—	—	44	899	
L261 (LT)	—	25	41	—	—	43	538	
46H75 (ST)	41	19	43	30	774	52	527	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						52.9	46,211	

WHEAT YIELDS BY VARIETY 2013–2017†							RISK AREA 14	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
AAC BRANDON (RS)	—	—	53	50	10,305	69	14,665	
FALLER (F)	77	61	66	63	16,200	78	12,835	
CARDALE (RS)	—	45	59	47	9,659	67	7,921	
GLENN (RS)	58	48	60	54	7,310	75	6,117	
AAC ELIE (RS)	—	—	77	66	3,844	83	5,035	
CARBERRY (RS)	54	42	55	42	4,597	64	3,244	
PROSPER (F)	—	—	70	66	1,918	74	2,632	
AAC PENHOLD (PS)	—	—	—	62	1,712	75	2,325	
CDC STANLEY (RS)	60	41	49	43	3,867	67	2,056	
CDC TITANIUM (RS)	—	—	—	—	—	59	1,061	
AC DOMAIN (RS)	57	52	50	—	—	69	1,046	
AC BARRIE (RS)	58	44	—	—	—	50	583	
SY ROWYN (PS)	—	—	—	—	—	77	509	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						71.8	61,447	

SOYBEAN YIELDS BY VARIETY 2013–2017†							RISK AREA 14	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
24-10RY (RT)	36	33	40	45	17,877	35	21,826	
LS 003R24N (RT)	—	—	41	43	10,729	31	19,132	
P006T46R (RT)	—	—	—	—	—	26	13,455	
23-60RY (RT)	—	28	39	41	7,255	30	7,304	
24-12RY (RT)	—	—	—	—	—	28	6,862	
NSC GLADSTONE RR2Y (RT)	—	34	37	37	5,554	29	6,849	
TH 33003R2Y (RT)	37	26	37	39	7,262	33	6,734	
PS 0035 NR2 (RT)	—	—	42	40	5,238	30	4,697	
OAC PRUDENCE	32	26	36	30	5,703	23	4,674	
25-10RY (RT)	40	34	46	50	5,407	30	4,577	
AKRAS R2 (RT)	—	—	—	43	4,397	29	4,510	
S0009-M2 (RT)	—	—	—	38	772	31	3,291	
S007-Y4 RR2Y (RT)	—	—	38	40	2,140	36	2,955	
DOMINGO R2X (RR2X)	—	—	—	—	—	38	2,731	
NSC STARBUCK (RR2X)	—	—	—	—	—	29	2,677	
TH 33004R2Y (RT)	—	—	—	39	549	27	2,332	
TH ASTRO R2Y (RT)	—	—	—	—	—	24	2,160	
DKB005-52 (RT)	—	—	—	—	—	36	2,117	
LS MISTRAL (RT)	—	—	—	—	—	35	1,922	
P008T22R2 (RT)	—	—	37	44	1,762	25	1,903	
LS SOLAIRE (RT)	—	—	—	—	—	29	1,809	
NSC RICHER RR2Y (RT)	39	33	37	37	1,846	25	1,615	
LS 002R24N (RT)	—	26	39	42	4,715	31	1,442	
LS 003R22 (RT)	39	34	41	35	1,635	32	1,426	
MCLEOD R2 (RT)	—	24	34	39	1,018	25	1,290	
PS 0027 RR (RT)	—	—	—	27	2,551	22	1,218	
ASTRO R2 (RT)	—	—	44	42	1,432	29	1,173	
P008T70R (RT)	—	—	38	38	10,360	32	1,152	
LS 005R22 (RT)	—	—	—	32	1,583	32	1,119	
TH 32004R2Y (RT)	35	29	33	35	3,668	27	1,077	
LS 0036RR (RT)	—	—	—	—	—	25	1,057	
NSC WATSON RR2Y (RT)	—	—	—	—	—	34	882	
PS 0055 R2 (RT)	—	—	—	—	—	28	737	
S006-W5 (RT)	—	—	—	—	—	38	735	
TH 87003R2X (RR2X)	—	—	—	—	—	28	713	
LS NORTHWESTER (RT)	—	—	37	36	3,096	27	610	
DYLANO R2X (RT)	—	—	—	—	—	31	510	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						30.2	168,099	

OATS YIELDS BY VARIETY 2013–2017†							RISK AREA 14	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
CS CAMDEN	—	—	—	122	1,958	145	8,709	
SUMMIT	109	94	121	95	5,232	147	7,313	
SOURIS	94	82	94	80	3,948	79	2,725	
BIG BROWN	—	—	94	87	993	138	1,434	
FURLONG	88	61	84	65	1,032	99	1,146	
RONALD	53	—	82	24	635	26	556	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						129.2	23,066	

CORN YIELDS BY VARIETY 2013–2017†							RISK AREA 14	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
P7632AM (BT)(LT)(RT)	—	—	130	147	6,126	110	5,646	
P7958AM	—	—	156	156	2,375	129	2,223	
P7527AM (LT)(RT)	—	—	—	—	—	114	1,701	
P7332R (RT)	—	99	139	123	1,019	139	1,337	
TH 7578 VT2P RIB (RIB)	—	—	—	—	—	118	1,154	
39V09AM (BT)(HX1)(LT)(RT)	—	—	—	139	1,558	110	1,103	
DKC33-78RIB (RIB)	—	—	—	—	—	107	925	
P7211HR	—	—	—	136	852	132	924	
TH 7673 (VT2P)(RIB)	—	—	—	—	—	124	564	
P8387AM (BT)(HX1)(LT)(RT)	—	—	—	—	—	110	559	
39D95 (BT)(LT)(RT)	139	92	128	128	1,589	109	502	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						114.9	19,978	

BARLEY* YIELDS BY VARIETY 2013–2017†							RISK AREA 14	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
CONLON	78	62	64	70	1,979	99	1,750	
CHAMPION	98	56	81	62	1,875	94	1,470	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						88.9	4,474	

FIELD PEA YIELDS BY VARIETY 2013–2017†							RISK AREA 14	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
AGASSIZ	—	17	55	19	1,637	52	894	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						51.9	894	

SUNFLOWER YIELDS BY VARIETY 2013–2017†							RISK AREA 14	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
P63ME80 (O)	—	—	—	2,086	713	2,374	610	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						2353.1	1,793	

RISK AREA 15

CANOLA YIELDS BY VARIETY 2013–2017†							RISK AREA 15	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
L140P (LT)	—	36	31	44	9,427	51	9,406	
L252 (LT)	—	31	33	44	6,624	50	7,642	
1012 RR (RT)	41	30	30	38	6,776	43	5,286	
L233P (LT)	—	—	—	—	—	52	4,868	
L241C (LT)	—	—	—	39	1,666	44	3,669	
74-44 BL (RT)	—	—	37	34	1,312	36	3,196	
PV 200 CL (ST)	—	—	—	38	2,753	40	2,985	
5440 (LT)	48	28	34	39	4,420	47	2,638	
L230 (LT)	—	—	—	—	—	45	2,351	
PV 560 GM (RT)	—	—	—	—	—	39	2,095	
1022 RR (RT)	—	—	—	40	2,903	43	1,586	
46M34 (RT)	—	—	—	35	1,130	45	1,450	
2022CL (ST)	—	—	—	24	907	41	1,413	
45M35 (RT)	—	—	—	—	—	40	1,399	
75-65 RR (RT)	—	—	—	—	—	32	1,238	
L130 (LT)	46	28	34	35	4,049	44	1,107	
1020 RR (RT)	—	—	—	—	—	44	1,022	
PV 540 G (RT)	—	—	—	—	—	39	1,009	
1024 RR (RT)	—	—	—	—	—	40	796	
75-45 RR (RT)	—	—	—	—	—	40	555	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						44.3	61,035	

WHEAT YIELDS BY VARIETY 2013–2017†							RISK AREA 15	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres	
AAC BRANDON (RS)	—	—	44	52	18,358	68	20,186	
CARDALE (RS)	—	48	45	55	8,408	71	7,814	
FALLER (F)	70	51	53	60	11,239	78	7,034	
AAC PENHOLD (PS)	—	—	—	69	4,634	80	3,278	
PROSPER (F)	—	—	62	67	2,917	90	1,688	
CDC STANLEY (RS)	62	35	46	33	884	55	1,675	
AAC ELIE (RS)	—	—	—	—	—	57	1,335	

† Yields only for those varieties grown on more than 500 acres and by more than 2 growers; ‡ On system as of January 4, 2018;

§ Weighted Average Yield and Total Acreage include acres not reported in the table.

¶ For additional characteristic codes, see the key at the end of the Risk Area tables.

* Assuming 48 lbs./bu.



WHEAT YIELDS BY VARIETY 2013–2017†						RISK AREA 15	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres
CARBERRY (RS)	59	38	42	47	3,342	60	1,005
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§						69.4	48,560

SOYBEAN YIELDS BY VARIETY 2013–2017†						RISK AREA 15	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres
NSC WATSON RR2Y (RT)	—	—	—	43	4,403	32	10,624
P006T46R (RT)	—	—	—	—	—	33	9,573
S007-Y4 RR2Y (RT)	—	—	35	44	4,675	36	8,669
23-11RY (RT)	—	—	—	—	—	22	5,126
MAHONY R2 (RT)	—	—	—	46	1,440	34	5,092
TH 33003R2Y (RT)	36	29	34	41	2,787	29	4,444
AKRAS R2 (RT)	—	—	—	42	2,158	29	4,340
LS 003R24N (RT)	—	—	37	44	3,058	32	3,895
BISHOP R2 (RT)	—	34	34	43	5,023	33	1,778
P008T70R (RT)	—	—	29	41	7,527	28	1,767
S0009-M2 (RT)	—	—	—	45	2,140	39	1,655
NSC RESTON RR2Y (RT)	36	26	32	—	—	19	1,594
TH 3303R2Y (RT)	—	—	36	35	628	25	1,160
NSC GLADSTONE RR2Y (RT)	—	—	—	—	—	31	1,159
PS 0027 RR (RT)	—	—	—	—	—	29	1,017
PS 0035 NR2 (RT)	—	—	—	45	526	21	829
S001-B1 (RT)	—	—	—	—	—	31	731
S003-L3 (RT)	—	—	—	—	—	31	710
P006T78R2 (RT)	—	—	—	44	1,344	30	613
23-60RY (RT)	—	—	33	43	7,563	25	597
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§						29.5	83,347

OATS YIELDS BY VARIETY 2013–2017†						RISK AREA 15	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres
CS CAMDEN	—	—	—	121	4,500	128	13,552
SOURIS	95	74	82	92	8,159	120	4,060
SUMMIT	89	76	88	101	5,804	110	3,109
GEHL	—	—	—	—	—	85	1,280
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§						117.4	23,970

CORN YIELDS BY VARIETY 2013–2017†						RISK AREA 15	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres
P7202AM (HX1)(LT)(RT)	—	—	—	—	—	137	628
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§						109.6	1,756

BARLEY* YIELDS BY VARIETY 2013–2017†						RISK AREA 15	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres
CHAMPION	103	60	57	67	2,052	82	1,408
CDC AUSTENSON	92	50	49	66	1,698	73	1,334
CONLON	74	34	65	—	—	85	981
TRADITION	71	47	51	35	782	68	751
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§						75.4	6,415

FLAX YIELDS BY VARIETY 2013–2017†						RISK AREA 15	
Variety¶	2013 Yield	2014 Yield	2015 Yield	2016 Yield	2016 Acres	2017 Yield	2017‡ Acres
CDC SORREL	—	—	14	15	1,772	27	1,009
CDC GLAS	—	—	—	—	—	31	851
AAC BRAVO	—	—	11	25	1,089	43	722
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§						32.9	2,582

RISK AREA 16

Unfortunately there is no variety acreage or performance information for Risk Area 16 in 2017. Except for a few producers, excess moisture conditions prevented planting or subsequently drowned out most of the normally planted acreage in Risk Area 16 in 2017. Consult last year's "Yield Manitoba 2017" publication for recent variety performance information for Risk Area 16.

ADDITIONAL CHARACTERISTICS KEY

WHEAT

- (D) Durum
- (ES) Extra Strong
- (F) Feed
- (HWS) Hard White Spring
- (PS) Prairie Spring
- (RS) Red Spring
- (W) Winter

SUNFLOWER

- (C) Confectionary
- (O) Oilseed

CANOLA & SOYBEAN

- (BT) Compass (Bromoxynil) Tolerant (BX), Navigator Varieties
- (LT) Liberty Link (LL) - (Glufosinate Ammonium); Invigor varieties
- (RR2X) Glufosinate and dicamba resistant
- (RT) Roundup Ready - (Glyphosate Tolerant)
- (ST) Pursuit Smart, Odyssey (Imazethapyr) (-IMI) ; Clearfield varieties
- (TT) Triazine Tolerant

CORN

- (BT) Contains Bacillus thuringiensis (Bt) insecticidal protein
- (HX1) Herculex insect protection gene
- (LT) Liberty Link (LL) - (Glufosinate Ammonium); Invigor varieties
- (RA) Single bag blend for non-Bt refuge compliance
- (RIB) Single bag blend for non-Bt refuge compliance
- (RT) Roundup Ready - (Glyphosate Tolerant)
- (ST) Pursuit Smart, Odyssey (Imazethapyr) (-IMI) ; Clearfield varieties
- (TT) Triazine Tolerant
- (VT2P) Roundup Ready and Liberty Link tolerant

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¶ For additional characteristic codes, see the key at the end of the Risk Area tables.

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