

SEED MANITOBA 2013

Variety Selection &
Growers Source Guide

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Manitoba Seed Growers' Association
the Manitoba Co-operator
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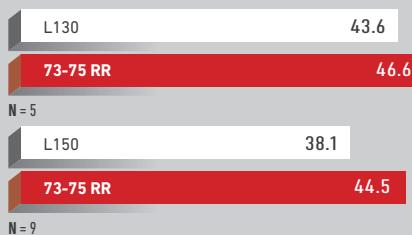
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The grower's list was prepared by CSGA and includes varieties eligible for sale in Canada and seed crops issued certificates as of October 16, 2012. CSGA assumes no responsibility for errors or omissions. The pedigree class code is listed after the growers' phone number. (S=Select; F=Foundation; R=Registered; and C=Certified.)

Crops are sorted alphabetically by town and grower (or company) name within variety within crop kind. 'P' indicates the variety is protected by Plant Breeder's Rights (PBR).

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Minister's Message



As Minister of Manitoba Agriculture, Food and Rural Initiatives, I invite you to use the 2013 edition of Seed Manitoba to assist you in selecting the most appropriate crop varieties for your farm and target market.

Over the years, this publication has provided a valuable guide for producers to make informed choices in variety selections and planting decisions. It offers information on the performance of cereals, oilseeds, specialty crops and forages in order to optimize profitability.

Seed Manitoba 2013 is a cooperative effort among individuals and groups, including Manitoba farmers, the seed industry, the crop protection industry and commodity associations. It is this commitment and dedication that ensures crop performance is robust under a variety of agronomic conditions.

I applaud the excellent work undertaken by the Manitoba Seed Growers' Association, commodity groups and others who conduct the trials, the Manitoba Crop Variety Evaluation Team (MCVET) which co-ordinates the trials, the contractors who run the trials and the staff from my Department who compile the results into a comprehensive publication of varietal information.

Seed Manitoba 2013 is specifically for Manitoba farmers, based on Manitoba growing conditions. As you prepare for the 2013 growing season, I wish you good weather, success and profitability in your crop production.

Ron Kostyshyn

Minister of Agriculture, Food and Rural Initiatives

President's Message



The 2012 growing season provided us with possibly one of the most hassle free, early seeding and harvest years on record for many areas of the province. An abnormally mild winter coupled with little snow accumulation provided ideal seeding conditions early on and in some areas a hot dry summer again tested the variety genetics on offer to producers. Generally seed supplies this year are good and of high quality, but I urge you to book your choices early to avoid any disappointment as new genetics can be in short supply.

The Manitoba Seed Guide is the best possible resource for unbiased third party variety testing available and provides valuable information on the ever changing genetics that flood the market every season. Added tools such as the Seed Interactive website and the online version of the Guide are updated as information comes available and your best option for up-to-date real time changes about varieties and seed source options.

The Manitoba Seed Growers' Association is proud to be a part of the MCVET team and wishes to thank the extensive network that comes together to make this publication happen. This Guide receives excellent support from MAFRI staff, provincial grower associations, site co-operators, site contractors and our many industry contributors and sponsors.

Ryan Murray
President, MSGA

Thank you to MCVET Sponsors and Supporters in 2012

MCVET gratefully recognizes the support and financial contribution of the following organizations:

Manitoba Agriculture, Food and Rural Initiatives
Manitoba Co-operator
Manitoba Seed Growers Association
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Manitoba Pulse Growers' Association
CANTERRA SEEDS

FP Genetics
Manitoba Buckwheat Growers Association
Seed Depot
Winter Cereals Manitoba Inc.
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National Sunflower Association of Canada

MCVET greatly appreciates the efforts of our site contractors:

Ag-Quest Inc.
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Prairies East Sustainable Agriculture Initiative
S.S. Johnson Seeds Ltd.
University of Manitoba
Viterra
Syngenta
Westman Agricultural Diversification Organization

MCVET would also like to express its gratitude to:

Locally organized variety trials at Stonewall (SICTC), Portage la Prairie (CROP) and Beausejour (ASCIA).

Companies and individuals who performed seed quality analysis.

Syngenta for providing seed treatment.



Welcome to Seed Manitoba 2013

by Pamela de Rocquigny, Seed Manitoba editor, Manitoba Agriculture, Food and Rural Initiatives



Welcome to *Seed Manitoba* 2013, the Variety Selection and Growers Source Guide, compliments of Manitoba Agriculture, Food & Rural Initiatives, the Manitoba Seed Growers' Association and the Manitoba Co-operator.

Early seeding, early harvest and in between was hot and dry

The 2012 growing season saw an early start to seeding, beginning 10 to 14 days earlier than normal. Many producers were in the fields by the third week of April, which was similar to our numerous contractors who also got a jump on seeding the many post-registration variety trials across Manitoba.

The early seeding was followed by some welcomed precipitation in June, although areas in Northwest Manitoba received a little too much, which affected final yields.

However, what followed were dry, hot conditions for the months of July, August and September. This weather speeded up crop development, resulting in harvest operations in July for winter wheat and the earliest seeded spring cereal crops. Yields were variable across the province, largely dependent on the amount and timing of precipitation the crop received. Spring and winter wheat yields were good, while canola, barley and flax yields were disappointing for some producers.

Much like what Manitoba farmers saw in their own fields, many of the variety trials in the province showed variability in yields. In 2012, crop types that are tested by MCVET generally had below average yields. In fact, the average yields of oats, barley and flax were the lowest since 2000. Winter wheat and peas were the only crop types evaluated by MCVET that saw above average yields compared to the 13-year average.

Table 1: Yearly Average Yields for MCVET's Core Crop Types (2000 – 2012)

Year	Yield (bu/acre)					
	Spring Wheat	Winter Wheat	Barley	Oats	Peas	Flax
2000	59	88	91	120	64	33
2001	54	77	86	127	63	24
2002	56	76	84	120	53	30
2003	65	85	109	127	69	32
2004	67	91	114	148	71	39
2005	51	51	84	110	36	26
2006	58	81	97	121	62	33
2007	43	74	74	126	63	33
2008	63	92	94	151	75	32
2009	78	82	119	161	75	40
2010	60	79	107	133	60	35
2011	60	72	87	125	53	-
2012	55	84	54	104	64	22
GRAND MEAN	60	80	93	129	62	31

Note: Green indicates highest yielding year; blue indicates lowest yielding year.

Table 1 shows the yearly average yields (2000 to 2012) for six core MCVET crop types. Keep in mind that all data found in the guide is vetted and approved by MCVET, or the respective commodity organizations, for publication in *Seed Manitoba*. So although there was variability, readers can be assured data found in the guide is of high-quality.

Changes in *Seed Manitoba* 2013

Readers of *Seed Manitoba* 2013 will see some major changes from past editions. A new section has been created: Pulses. In this section you'll find the field bean, fababean, lentil and field pea tables. The Special Crops section contains buckwheat, which was tested in 2012 for the first time since 2008, canary seed, grain corn and industrial hemp. We see mustard move to the Oilseed Crops Section and there are no changes to either the Cereal Crops or Forage Crops Sections.

Other changes include more site weather information where variety trials were conducted, including precipitation (actual and per cent of normal)

and growing degree days (actual and per cent of normal).

In the barley table, the malting-type varieties have been placed into categories established by the Canadian Malt Barley Technical Centre; this is similar to the Saskatchewan and Alberta seed guides. Additional variety characteristic information has been added for some crop types, including Rough or Smooth Awn information for barley and resistance to Sprouting for spring and durum wheat. In the Protein Comparison tables for spring wheat, winter wheat, oats and barley, the site grand mean is provided. And in the Yield Comparisons tables, the seeding and harvest dates for the various trials have been provided.

A new statistical method

The biggest change in *Seed Manitoba* 2013 is how long-term yield data and yearly site data is presented for MCVET's core crops of spring wheat, durum wheat, winter wheat, barley, oats,

More **WELCOME** on page 11 »

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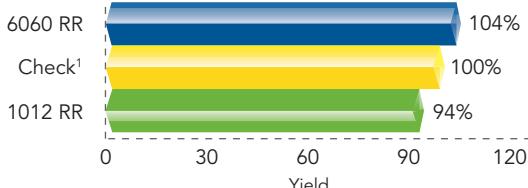
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Co-op trial variety data *invaluable to farmers*

Data generated during the crop registration process can give farmers insights into whether a new cultivar is right for their farm

by Allan Dawson, Manitoba Co-operator staff



Seed Manitoba is full of data.

But it's not just any data — it's third-party data, which comes from two independent sources: the co-op trials, which are a prerequisite to registering most new crop cultivars in Canada and the post-registration trials co-ordinated by the Manitoba Crop Variety Evaluation Trials (MCVET) committee.

Agriculture and Agri-Food Canada (AAFC) does much of the plant breeding in Canada, especially in cereals. It also does most of the research into plant diseases.

As a result, it runs much of the co-op trials. But recent cuts to AAFC's budgets, the upcoming closing of the Winnipeg Cereal Research Centre and federal plans to sell new crop varieties to seed companies before they're registered, raises questions about the future of the co-op trials and the data it produces.

Western Canada's crop variety registration system ensures new varieties meet specific agronomic, disease and end-use standards. But there's an added benefit — access to information to help farmers select varieties.

"In this day and age we're inundated with company trials — and I'm not saying company trials don't have value — but a third-party source that has all the relevant material in one trial is incredibly important," says Warren, MB., farmer and seed grower Craig Riddell. "It's hard to find independent data compared to products you know."

For example the spring wheat co-op trial data reported in *Seed Manitoba* includes days to maturity, height, lodg-

ing and resistance to six different diseases.

That's also important information for seed growers as they try to divine, which new varieties will meet their customers' needs, Riddell says.

"We have to make an informed bet on whether the market is going to want this variety so we need as much data coming out of the registration process... as possible," he says.

Co-op trial information is extremely valuable for grain farmers, says Patti Rothenburger, Manitoba Agriculture, Food and Rural Initiatives' agri-genetics specialist and MCVET co-ordinator. "Without it MCVET would have to come up with an alternate way to generate agronomic and disease data and that would be costly to undertake."

A lot of farmers incorrectly assume all the information contained in the Variety Descriptions table in *Seed Manitoba* comes from MCVET, she says. MCVET trials assess yield and protein content, in wheat for example. Disease ratings

come from the co-op trials, although MCVET also updates fusarium head blight tolerance in new wheats.

Between MCVET and the co-op trials farmers have access to pre- and post-registration data to assist them in variety selection.

"The registration process, as tedious as it might seem to the people trying to get varieties on the market, does provide a lot of valuable information," Riddell says.

Anita Brûlé-Babel, a plant science professor at the University of Manitoba and winter wheat breeder, says because it's independent, farmers are assured the results haven't been selectively presented.

"The problem with private data there's always the potential for abuse because if your variety doesn't perform well in a trial, are you going to include that trial or not?" she says.

More **CO-OP TRIAL** on page 10 »

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CO-OP TRIAL *Continued from page 8*

"Without this data you're relying on whoever is advertising and how strong their advertising campaigns are, so it's important to have independent data that farmers feel they can use."

Co-op trials, in addition to being independent, are rigorous, says Brent McCallum, a plant pathologist with AAFC. Most new varieties are tested for a minimum of two years and most three. Trials are replicated and spread across the Prairies. They're run and assessed by expert researchers.

It's a complex business. Leaf rust is just one of six diseases wheat varieties are assessed for. But leaf rust is not one disease — there are 40 different races and they're constantly changing in virulence, McCallum said.

The co-op trials — as the name implies — is a co-operative process among researchers.

"What the co-op tests really do is allow us to test our materials on a much broader scale, in a broader set of environments then we could possibly do on our own," says Brûlé-Babel.

"... a third-party source that has all the relevant material in one trial is incredibly important."

— CRAIG RIDDELL

"The winter wheat trials are routinely run over 13 locations and there's no way I could run my own (winter wheat) trials over 13 locations. So the co-op trials not only are mandatory for the collection of data for registration (of new varieties), they are also important in terms of getting a sense how they will perform over a wide range of environments."

Brûlé-Babel's contribution to the co-op trials includes a winter wheat disease nursery. In return other researchers assess her new winter wheat lines.

"The bottom line is the more data you have the more reliable the prediction of performance is," she says.

"If you cut back on the number of years of testing then you'll have more duds registered because they might have done OK in two years but they would've flopped in the third. I think having a good, robust, strong data set is still really important for the prediction of long-term performance."

If cuts are necessary, Brûlé-Babel says better to have fewer sites. More sites assist in determining regional adaptation by exposing crops to varying environments. But usually if it's extremely dry in one location it's dry at all of them, she says.

"From year-to-year we can go from the wettest year on record to the hottest year to the driest year," Brûlé-Babel says. "Those year-to-year variations are on a larger scale and seem to be the most drastic. My experience is if you're going to drop testing, don't drop the number of years, you're better off dropping the number of locations per year if you have to. Those years (of testing) become really important."

flax and peas. A new statistical method, called Mixed Model analysis, is being used for the first time. To find out additional information, please read the article by Patti Rothenburger, MCVET Co-ordinator and Agri-Genetics Specialist with MAFRI, on page 12.

Although there are numerous benefits for the change to mixed-model analysis, one of the biggest benefits is producers will be able to make direct comparisons between any two varieties within the Variety Descriptions table. This was not possible in previous guides where the only direct comparison that could be made was between the check variety and the variety of interest. And in the Yield Comparisons table, yields are presented in bushels per acre (not as a per cent of a check), with the site grand mean located in the grey box at the bottom of the table. Please take careful note of the tables for MCVET's core crops as the new analysis has resulted in a change in how yield and agronomic information is presented both in the Variety Descriptions Table and the Yield Comparisons Table.

With the new analysis, a number of varieties that were tested prior to 2000 have been removed from the guide. For example, there were nine varieties removed from the Spring Wheat table: AC Cora, AC Intrepid, AC Splendor, CDC Teal, McKenzie, AC Crystal, ACTaber, AC Vista and Glenlea. However, varietal information for those older varieties will still be available in past editions of *Seed Manitoba* which can be found on-line at www.seedmb.ca.

Changes in checks

For the crop types still presenting yields as a per cent of a check, there have been a number of changes. In the Special Crops section, CDC Redberry is the new check for lentils, replacing CDC Milestone. Koma is the new buckwheat check replacing Mancan, and for industrial hemp the variety CRS-1 is replacing Alyssa. In the Field Bean table, for pinto and yellow bean types the new check is Windbreaker (replacing Maverick); for the white kidney type, the check has changed to Pink Panther from ROG802. And in the new Pulse Crops section, 23-10RY is the new check for the Western Manitoba Soybean Adaptation trial, replacing NCS Warren RR.

A collaborative team effort

Seed Manitoba 2013 is a result of industry, government and producers working together to provide comprehensive variety performance information. Thank you to the MCVET Sponsors and Supporters, the numerous site contractors and the commodity organizations — Manitoba Corn Committee, National Sunflower Association of Canada, Manitoba Pulse Growers Association and the Manitoba Forage Council — who donate data to be included in *Seed Manitoba*.

Thank you to Patti Rothenburger and Craig Linde of MAFRI who analyzed the 2012 yield from the MCVET trials and assisted the commodity organizations with their statistical needs, and to Lyle Friesen of the University of Manitoba who conducted the mixed model analysis. We collectively hope you find the information in *Seed Manitoba* 2013 of great benefit as you make variety decisions in the coming months.

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Manitoba producers benefit from changes to statistical analysis of MCVET data

by Patricia Rothenburger, Agri-genetics Specialist, Manitoba Agriculture, Food and Rural Initiatives & Anita Brule-Babel, Professor, Department of Plant Science, University of Manitoba

Every year public and private plant breeding institutions commit extensive resources to the development of new improved crop varieties.

Prior to becoming a registered variety, experimental lines for each crop type undergo comprehensive testing in co-operative trials co-ordinated by the Prairie Grain Development Committee (PGDC).

Agronomic, disease and quality data are collected over a two or three-year period, depending on crop type, to support variety registration. However, data generated through the variety registration system only provide data comparisons with other varieties being registered at the same time and in the same trials. The data does not provide information about regional adaptation or comparisons to other varieties currently being grown by producers. Seed growers and producers require up-to-date third-party comparative information to be able to select new improved crop varieties to grow on their farms.

In Manitoba, the Manitoba Crop Variety Evaluation Team (MCVET), which is made up of government, industry and commodity association members, is responsible for generating third party unbiased post-registration data in Manitoba for the following core crops: wheat, barley, oats, flax, peas, lentils, and fababeans. MCVET also works in co-operation with commodity associations to coordinate variety testing and helps to deliver data for these crop types to be included in the annual edition of *Seed Manitoba* and online interactive website www.seedinteractive.ca.

Table 1: Variability of AC Barrie Spring Wheat Check between 2000 and 2011

Year	Site Years	Yield (% of Entire Spring Wheat Dataset)
2000	13	98.6
2001	10	99.4
2002	15	98.2
2003	13	94.5
2004	15	94.3
2005	12	100.2
2006	13	100
2007	13	84.2
2008	14	98.0
2009	11	93.8
2010	13	86.6
2011	11	90.8

Over the past 25 years, MCVET has strived to generate the best comparative information by evaluating new and current varieties over as many different environments as possible in Manitoba. The emphasis has been on generation of yield and quality data with the ultimate goal of aiding producers to select varieties that will perform well in their commercial fields.

These trials represent a significant investment in time and money, and many years of data have accumulated. All of the data generated is stored in a database that is managed by Manitoba Agriculture Food and Rural Initiatives. Traditionally, statistical analyses for *Seed Manitoba* have been conducted for individual trials at each location and year (site-year) and variety performance has been expressed as a percentage of a chosen 'check'. Performance relative to the check over multiple site-years was based on

a simple mean. The check variety is grown at all sites-years and occupies one of the limited numbers of entries in the variety trial.

The numbers of entries in a given trial are restricted due to resource constraints. In *Seed Manitoba*, the crop variety comparisons for individual locations in a given year are presented in the Yield Comparisons table, while comparisons of varieties grown in multiple years can only be made relative to the established check and are presented in the Variety Descriptions table.

The rationale underlying the traditional statistical approach was to minimize the influences of location and year (growing season weather) on the ultimate ranking of varietal performance. A complicating factor in the statistical analysis of crop

More MCVET on page 14 »

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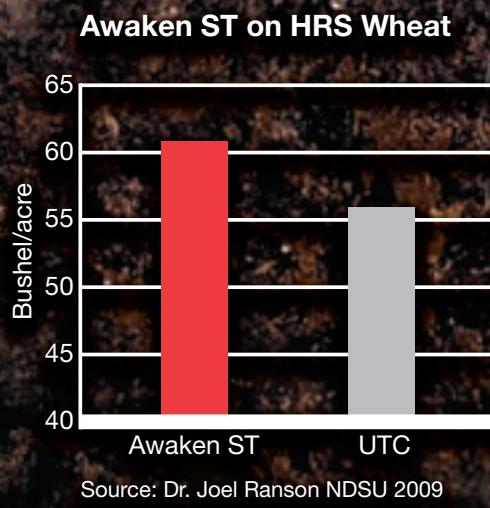
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variety trial data is that long term, multi-year data tend to be highly unbalanced — that is, not all crop varieties are present in all trials in all years. This is understandable since crop varieties are introduced, evaluated for three years at a number of sites, and then replaced in the trials by newer varieties.

Drawbacks of using a Check Cultivar

This traditional statistical approach using a check cultivar has several drawbacks:

- 1) Identification and selection of an appropriate, representative check cultivar over all environments may be problematic;
- 2) Over time, improvements in new varieties render the check cultivar unrepresentative and inappropriate, and a new check cultivar must be chosen. Since variety trial data has been expressed as a per cent of check, changing the check makes valid comparisons to historical data very difficult — essentially the percentage-based historical database no longer useful;
- 3) In some years over the majority of trial locations, the check cultivar may perform quite differently than its long term average. For example, this may occur if the check cultivar is susceptible to a specific disease that is exacerbated by weather experienced during the growing season. Newer varieties in the trials may be resistant or partially resistant to the disease, and the anomalous performance of the check cultivar may lead to predictions of superior performance of the new variety than will be achieved in the long term.

Because newer varieties are often only evaluated for two or three years in MCVET, this under-performance of the check in a specific year can substantially influence predicted variety performance. This situation occurred with the Spring Wheat MCVET data in Manitoba in 2007 (see Table 1). From Table 1 you can see that the yield of the check AC Barrie was substantially lower relative to other varieties in

Figure 1: Comparison of Variety Descriptions tables of Spring Wheat between Seed Manitoba 2012 and 2013

Seed Manitoba Variety Descriptions Table 2012

Variety	Yield % Check	Site Years Tested	Protein +/- Check	Days to Maturity +/- Check	Height +/- Check
Canada Western Red Spring (% of AC Barrie)					
5602HR	111	89	0.3	1	0
5603HR	111	28	-0.2	2	0
5604HR CL	108	27	0.1	-1	-1
AC Barrie	100	217	0	0	0
AC Cadillac	105	41	-	-1	3
AC Cora	99	37	-	-2	2
AC Domain	97	59	0.8	-2	-1
AC Intrepid	105	34	-	-4	-1
AC Splendor	88	33	-	-5	0
Alvena	104	30	0.2	-2	0
Carberry	105	27	0.2	2	-5
CDC Abound	101	42	-0.2	2	-4
CDC Go	116	24	-0.3	-1	-2
CDC Imagine	103	39	0.5	0	-1
CDC Kernen	105	15	0.5	1	1
CDC Stanley	99	11	0.4	0	-1
CHECK CHARACTERISTICS					
AC Barrie	54 bu/acre	217 site years	14.5% protein	99 days	37 inches

Seed Manitoba Variety Descriptions Table 2013

Class/Variety	Site Years Tested	Yield bu/acre	Protein %	Maturity +/- 99 days	Height +/- 37 inches
Canada Western Red Spring					
5602HR	90	60	14.9	1	0
5603HR	41	60	14.4	2	0
5604HR CL	40	58	14.4	-1	-1
AAC Bailey	4	54	14.9	-1	0
AAC Redwater	4	59	13.4	-1	-2
AC Barrie	164	55	14.5	0	0
AC Cadillac	6	58	-	-1	3
AC Domain	20	55	15.2	-2	-1
Alvena	30	57	14.8	-2	0
Carberry	40	58	14.6	2	-5
Cardale	4	60	13.5	2	-4
CDC Abound	38	57	14.4	2	-4
CDC Go	24	61	14.3	-1	-2
CDC Kernen	27	58	14.7	1	1
CDC Plentiful	4	57	14.7	-3	-2
CDC Stanley	22	57	14.6	0	-1
GRAND MEAN		60	14.1		
LSD (0.05)		5	0.5		

2007. This resulted in over-prediction of the performance of new varieties tested in that year.

ARDI Project provides valid solution

In 2010, the MCVET team initiated an ARDI project with Anita Brule-Babel and Gary Crow at the University of Manitoba, to assess the potential of using Mixed Model analysis in place of the traditional crop variety statistical approach using per cent of check

data and relatively simplistic analysis (ANOVA).

Mixed model analysis has been used with great success since the mid 1990's to analyze crop variety trial data in regions of Australia and Europe (Smith et al. 2001; Piepho and van Eeuwijk 2002; Laidig et al. 2008).

Mixed Model analysis has a much greater capability to accommodate highly unbalanced data compared to traditional ANOVA procedures. Smith

et al. (2001) stated that the use of Mixed Model analysis with actual yield data (not per cent of check) has resulted in cultivar performance predictions that are more realistic, and that new cultivar yield gains observed by farmers in commercial fields are no longer substantially lower than those predicted by small-plot crop variety trial results over multiple environments.

Furthermore, an additional advantage to using actual yield data is that a long-term check cultivar in multiple environment trials is not required. This allows room for an extra entry in the trials and eliminates the loss of information experienced when check varieties need to be replaced.

Crop variety evaluation trials are expensive to conduct, primarily from the point of view of labour costs. Part of the ARDI project was to determine the minimum number of site-years required to establish accurate estimates of a new variety's yield performance relative to other varieties in the trial. Due to the large amount of data in the MCVET database, the committee decided to only use historical data from 2000 to present. This decision was made based on the data that was required to generate the long term averages of the varieties currently listed in *Seed Manitoba*. Data collected prior to 2000 would include varieties that are no longer relevant to most producers.

Results and implementation of ARDI project

In July 2012, representatives from MCVET met with industry representatives to discuss the findings of the three-year ARDI project and the proposed implementation of changes to *Seed Manitoba* 2013. Industry and breeder representatives present at the meeting commented that the application of the Mixed Model analysis provides a more accurate assessment of variety performance earlier in post registration testing, allowing producers more reliable data when limited site years of data are available).

As a result of the ARDI study, industry representatives agreed with use of the more advanced statistical technique and encouraged MCVET to implement changes in *Seed Manitoba* 2013 for core crops (wheat, barley, oats, flax and peas). For these crop types, there is no reference to a check variety in the Variety Description table (see Figure 1) and the Yield Comparisons table; and all yield and protein numbers including grand mean of trial and least significant difference (LSD) are presented in bu/acre (or per cent for protein). Presentation of data with actual yield data using mixed model analysis allows producers to make their own direct comparisons to varieties they currently grow on their farm. Comparisons are more valid across varieties and the prediction of

performance for the newest varieties with limited site-years of data will be closer to the expected long-term performance.

Acknowledgments

MCVET would like to thank ARDI for their financial support of this three year study along with Brule Babel, Crow and Lyle Friesen from the University of Manitoba; and Craig Linde, MAFRI for their support and dedication to this project. We hope that producers and seed growers find the implementation of the mixed model analysis an improvement in data delivery and are able to better select varieties that perform successfully on their farm and for their customers.

References:

Laidig, E., Drobek, T. and Meyer, U. 2008. Genotypic and environmental variability of yield for cultivars from 30 different crops in German official variety trials. *Plant Breeding* 127: 541-547.

Piepho, H.-P. and van Eeuwijk, F.A. 2002. Stability analysis in crop performance evaluation. Pages 315-351 in M. Kang, ed. *Crop improvement: Challenges in the twenty-first century*. Haworth Press, New York.

Smith, A., Cullis, B. and Gilmour, A. 2001. The analysis of crop variety evaluation data in Australia. *Aust. N. Z. J. Stat.* 43: 129-145.

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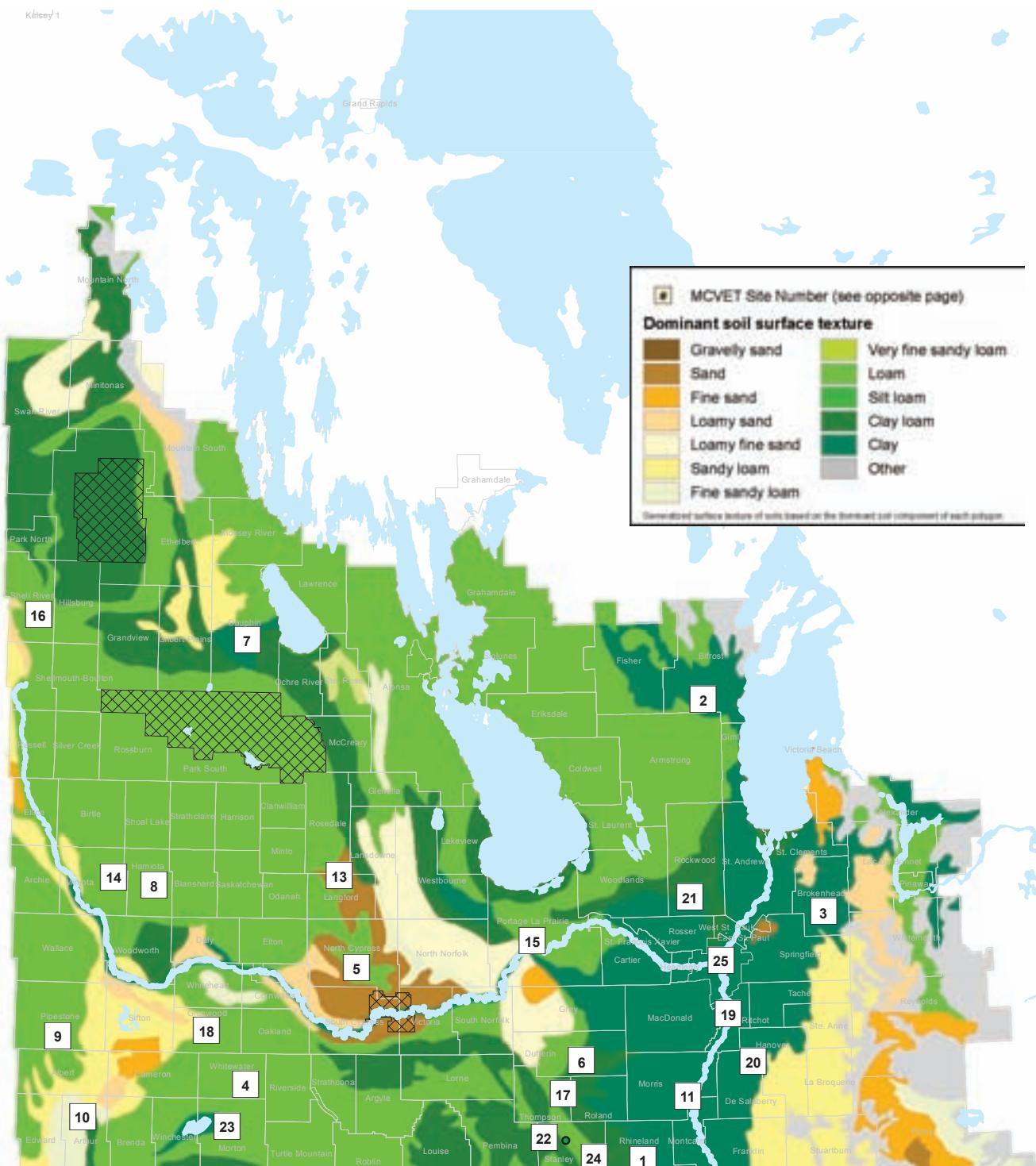
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2012 LOCATIONS OF VARIETY EVALUATION TRIALS



Canada

Growing Forward

Manitoba

Site Location	Crops Tested	Soil Texture	Internal Soil Drainage	Precipitation ¹		Growing Degree Days ¹		Weather Station Used
				Actual (mm)	% of Normal	Actual	% of Normal	
1 Altona	Grain Corn	clay loam	imperfect	220	67%	1805	104%	Altona
2 Arborg	Oats, Peas, Buckwheat, Industrial Hemp, Soybeans, Edible Beans	clay	imperfect	293	92%	1612	113%	Arborg
3 Beausejour	Spring Wheat, Oats, Soybeans, Grain Corn, Sunflowers	clay loam	imperfect	296	85%	1768	107%	East Selkirk
4 Boissevain	Spring Wheat, Oats, Barley, Peas, Flax	loamy	imperfect	259	86%	1742	106%	Boissevain
5 Carberry	Winter Wheat, Industrial Hemp, Buckwheat	clay loam	well	293	94%	1656	111%	Carberry
6 Carman	Winter Wheat, Grain Corn, Soybeans, Edible Beans	loam	imperfect	239	74%	1747	107%	Carman
7 Dauphin	Spring Wheat, Oats, Barley, Flax	silty clay loam	imperfect	341	104%	1651	113%	Dauphin
8 Hamiota	Spring Wheat, Oats, Barley, Peas, Flax, Lentils, Soybeans	clay loam	well	275	101%	1601	107%	Hamiota
9 Hartney	Winter Wheat	loamy	well	220	73%	1701	104%	Deloraine
10 Melita	Spring Wheat, Oats, Winter Wheat, Peas, Buckwheat, Edible Beans, Grain Corn, Industrial Hemp	loamy	imperfect	223	76%	1714	105%	Melita
11 Morris	Soybeans	heavy clay	imperperfect	224	69%	1808	110%	Morris
12 Morden	Flax, Soybeans, Edible Beans	clay loam	well	190	57%	1859	108%	Morden
13 Neepawa	Spring Wheat, Barley	clay loam	well	273	85%	1527	114%	Minnedosa
14 Oak River	Winter Wheat	loamy	well	275	101%	1601	107%	Hamiota
15 Portage	Spring Wheat, Barley, Buckwheat, Edible Beans	sandy loam	imperfect	216	67%	1835	111%	Portage
16 Roblin	Winter Wheat, Buckwheat	loamy	well	364	111%	1440	102%	Roblin
17 Rosebank	Spring Wheat, Oats, Winter Wheat, Soybeans	loam	imperfect	239	74%	1747	107%	Carman
18 Souris	Spring Wheat, Barley	clay loam	imperfect	285	91%	1681	113%	Souris
19 St. Adolphe	Spring Wheat, Oats, Barley, Soybeans	heavy clay	imperfect	244	72%	1839	113%	St. Adolphe
20 St. Pierre	Grain Corn	clay loam	imperfect	265	85%	1855	116%	St. Pierre
21 Stonewall	Spring Wheat, Oats, Barley, Winter Wheat, Soybeans	clay	imperfect	220	68%	1713	107%	Woodlands
22 Thornhill	Spring Wheat, Oats, Peas, Edible Beans	loamy	well	250	76%	1820	105%	Winkler
23 Wawanesa	Winter Wheat, Grain Corn	clay loam	well	280	90%	1718	115%	Boissevain
24 Winkler	Edible Beans	sandy loam	well	250	76%	1820	105%	Winkler
25 Winnipeg	Winter Wheat	silty clay	imperfect	257	76%	1785	110%	Winnipeg

1 Weather data is reported from April 15th to September 15th and reflects the percentage of the normal accumulations as calculated using the long-term average for the past 30 years.

Seeding and harvest dates for individual trials can be found at the bottom of the Yield Comparisons Tables located in the respective Crop Sections.

As per MCVET, MCC, NSAC and MPGA protocol's, all sites are fertilized at levels to achieve maximum crop performance. Weed control is applied as required to achieve a relatively weed free area. Insecticides are applied as required, while fungicides are not applied to any trials.

Any questions related to the sites found in Seed Manitoba 2013 can be directed to the individuals listed below:

For Sunflowers, please contact Anastasia Kubinec at (204) 750-2717 or e-mail anastasia.kubinec@gov.mb.ca.

For Grain Corn, please contact Pam de Rocquigny at (204) 750-1584 or e-mail pamela.derocquigny@gov.mb.ca

For all remaining crop types, please contact Patti Rothenburger at (204) 823-1293 or e-mail patti.cuthbert@gov.mb.ca.



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Variety Description Key

A grey box has been placed at the bottom of each table and displays the Grand Mean for both Yield (bu/acre) and Protein (%) and the corresponding LSD value ($p < 0.05$).

Except for the long term average yield and protein data, variety description information was obtained from the Co-operative Registration Trials. For Relative Maturity, please keep in mind the actual number of days to reach maturity will depend on local climactic conditions and to some extent on management practices.

Long term yield data is from MVET plots harvested from 2000 to 2012, while protein data is from MCVET plots harvested from 2002 to 2012. Actual protein will depend on seasonal growing conditions and fertility levels.

"Resistance Level" Disease ratings: R = Resistant; MR = Moderately Resistant; I = Intermediate; MS = Moderately Susceptible; S = Susceptible; " - " = not available

"Resistance Level" Lodging ratings: VG = Very Good; G = Good; F = Fair, P = Poor; VP = Very Poor; " - " = not available.

Site Years Tested is the cumulative number of locations over the years that a variety has been tested. The more site years the more dependable the data.

Ⓐ Indicates a variety that is protected by Plant Breeder's Rights or a variety where protection has been applied for but not yet granted at time of printing.

Key to 2012 Yield and Protein Tables

Yields derived over 2 or more growing seasons are the best indicator of variety performance. For new varieties, "2012 Average Yield" over all sites is more reliable than data from a single location. Use single site year data with caution.

Data collected from Portage is not presented as an individual site but data is included in the long term yield and protein columns in the Variety Description table.

CV% = Coefficient of Variation. A measure of random variation in a trial. A low CV is desirable.

LSD (bu/acre) = Least Significant Difference. Varieties must differ by the LSD value ($p < 0.05$) to be considered significantly different from one another.

Sign Diff = Significant Difference. Indicates if a real difference exists between varieties at an individual site.

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Manitoba Agriculture, Food and Rural Initiatives Variety Guide

BARLEY

New for 2013

Variety	Type	Code	Breeder	Distributor	Seed Availability
AAC Synergy	Malting - 2 Row	TR09208	AAFC - Brandon	Syngenta Seeds Canada Inc.	—
Breton	Feed - 6 Row	BT589	Alberta Agriculture & Rural Development	CANTERRA SEEDS	2014
TR07728	Feed - 2 Row	TR07728	WestBred LLC	Viterra	—
CDC Clear	Hulless - 2 Row	HB08304	Crop Development Centre	Crop Development Centre	—

Varieties that have been supported for registration

Malting - 6 Row BT989 BARI

Comments:

Malting barley varieties are classified into three groups which are established annually by the Canadian Malt Barley Technical Centre (CMBTC). “Acceptance - Recommended” are varieties with market acceptance and recommended by the CMBTC. “Acceptance - Under Testing” are varieties currently undergoing evaluation for market acceptance. “Other” are varieties not currently recommended but markets may exist.

The hulless varieties **CDC ExPlus**, **CDC Clear** and **Taylor** are malting types.

The Canadian Food Inspection Agency has provided notification in their Proposed List of Variety Registration Cancellations the two-row spring barley variety **Rivers** will be cancelled (deregistered) effective August 1, 2013.

It is strongly recommended for producers to use a combination of the Canadian Food Inspection Agency’s **List of Registered Varieties** (www.inspection.gc.ca) and the Canadian Grains Commision’s **Variety Designation Lists** (www.grainscanada.gc.ca) to determine the registration and grade eligibility status of varieties.

Forage yields of some varieties are listed in the Forage Crops section.

Variety Descriptions

Category / Variety ¹	Site Years Tested	Yield bu/acre	Protein %	Maturity +/- 88 days	Height +/- 35 inches	Test Wt 48.7 lb/bu	Rough or Smooth Awns	Resistance Level:										
								Lodging	F	R	I	I	S	I	I	MR	I	
Malting: Acceptance - Recommended																		
AC Metcalfe (2)	118	89	12.8	0	0	0	R	F	R	I	I	S	I	I	MR	I		
CDC Copeland (2)	60	90	12.5	0	2	-0.5	R	F	MS	I	I	I	I	S	MR	I		
CDC Meredith (2)	41	94	12.4	2	-1	-2.1	R	F	R	MR	I	MS	R	MS	MR	I		
CDC Polarstar (2)	18	90	12.7	-1	0	-0.6	R	F	S	R	MS	S	MR	MS	S	MR		
Celebration (6W)	33	96	13.2	-1	2	0	S	G	R	R	MS	S	MR	MR	I	MS		
LEGACY (6W)	36	95	12.9	-2	3	0	S	F	I	MR	MR	S	MR	MR	MR	MS		
Major (2)	35	99	12.5	0	-1	-0.7	R	G	R	MR	MS	I	MR	MR	MR	I		
Merit 57 (2)	39	94	12.4	3	-1	-1.9	R	F	S	I	MR	MS	R	MS	I	MS		
Newdale (2)	61	98	12.6	0	-1	-0.5	R	F	S	MR	MR	I	MR	I	MR	I		
Stellar-ND (6W)	32	91	12.7	-2	2	0	R	G	MR	R	MS	S	I	MR	I	I		
Tradition (6W)	59	95	12.9	2	4	0.8	S	F	S	MR	MR	S	I	MR	MR	S		
Malting: Acceptance - Under Testing																		
AAC Synergy (2)	8	96	12.3	0	-1	-0.4	R	G	S	I	I	MR	R	MR	MR	MS		
Bentley (2)	41	94	12.4	0	2	-0.8	R	G	MS	MR	I	MS	R	I	MR	MS		
CDC Anderson (6)	18	96	12.2	-1	-2	0	R	G	MR	R	I	MS	MR	R	MR	I		
CDC Kindersley (2)	22	95	12.6	-1	-1	0	R	G	S	R	I	MS	MR	I	MR	I		
CDC Mayfair (6)	41	98	12.7	-1	3	-1.5	R	G	S	R	MS	MS	MR	I	MR	MS		
CDC Reserve (2)	38	94	12.3	0	-1	0	R	F	S	MS	I	S	R	I	MR	I		
Cerveza (2)	36	101	12.4	1	-2	-1.4	R	F	R	R	I	MS	MR	R	I	I		
Norman (2)	29	91	12.9	-1	-1	-0.5	R	F	S	S	MS	MS	R	S	S	MR		
Malting: Other																		
CDC Battleford (6W)	63	95	12.6	1	-1	1.6	S	G	MS	MR	MR	MS	R	R	MR	S		
CDC Kamsack (6)	28	92	12.6	0	2	-1	R	VG	I	R	MS	S	I	MR	MR	S		
CDC Kendall (2)	18	88	—	2	0	0.2	R	F	MS	MS	MR	I	MR	S	MS	I		
Lacey (6W)	41	95	13.0	1	2	-0.7	S	G	I	MR	MR	S	I	MR	MR	S		
Robust (6W)	94	86	13.2	1	4	-0.7	S	G	I	I	I	S	MS	MR	MR	S		
Feed/Forage																		
AC Ranger (6F)	38	98	12.4	1	-3	0.1	S	G	MS	I	MR	I	MR	MR	MR	S		
Breton (6F)	8	94	12.3	0	-2	0.8	S	G	MS	MR	I	I	MR	MR	MR	S		
CDC Austenson (2)	37	104	12.2	1	0	0.5	R	G	S	R	I	MS	R	MR	I	I		
CDC Coalition (2)	39	96	12.3	1	2	0.8	R	VG	R	MR	I	S	MR	I	MR	I		
CDC Cowboy (2F)	50	87	13.0	1	6	1.3	R	G	MS	MR	I	I	MR	I	MR	MR		
CDC Helgason (2)	33	94	12.4	-1	0	0.8	R	G	R	MR	I	MR	MR	I	I	MS		

BARLEY (continued)

Category / Variety ¹	Site Years Tested	Yield bu/acre	Protein %	Maturity +/- 88 days	Height +/- 35 inches	Test Wt 48.7 lb/bu	Rough or Smooth Awns	Resistance Level:								
								Lodging	Loose Smut	Surface -borne Smut	Netted Root Blotch	Spotted Net Blotch	Spotted Spot Blotch	Fusarium ³ Head Blight		
CDC Mindon (2)◎	56	88	12.8	1	-1	0.3	R	G	R	R	—	S	MR	I	I	MR
CDC Trey (2)◎	63	97	12.4	0	2	0.3	R	G	MS	R	MR	I	R	I	MR	I
CDC YORKTON (6W)	22	100	12.8	0	5	-3	S	G	MS	MR	MR	I	MR	MR	MR	S
Champion (2)◎	44	102	12.3	0	0	0.8	R	G	S	R	—	S	I	MS	I	I
Chigwell (6)◎	41	92	12.3	0	0	-1.6	S	G	MS	R	S	I	MR	MR	S	S
CONLON (2)◎	84	84	12.7	-1	-1	0.8	S	G	I	I	I	I	MR	MS	MR	MR
Desperado (6F)◎	44	97	12.6	1	2	2.5	S	G	MS	R	MR	S	MR	MR	MR	S
Gadsby (2)◎	18	91	12.9	0	3	0.1	R	F	R	R	I	MS	MR	S	MR	I
Muskwa (6)◎	18	94	12.5	0	-5	1.3	S	G	MS	R	MS	MS	MR	I	MR	S
Sundre (6)◎	5	85	12.6	—	—	—	S	G	MS	R	MS	MS	I	I	I	S
TR07728 (2)◎	36	99	12.4	0	-2	0.5	R	G	MS	R	MR	S	I	S	MR	I
XENA (2)	19	93	—	0	0	0.3	R	G	MS	MR	S	I	S	MR	MR	
Hulless																
CDC Carter (2)◎	35	84	13.1	1	0	8	R	F	R	R	S	I	MR	I	I	I
CDC Clear (2)◎	17	86	12.9	2	2	9	R	F	R	R	I	MS	R	I	MR	MR
CDC ExPlus (2)◎	22	81	12.7	0	-1	9	R	G	MS	MS	S	I	I	I	I	MR
CDC Lophy-I (2)	13	74	12.8	-1	0	8	R	G	R	MR	MS	I	I	I	I	MR
Taylor (2)◎	27	74	12.9	0	0	8	R	G	R	I	MS	MS	MR	I	MR	MR
Varieties that have been supported for registration																
Malting: Acceptance - Under Testing																
BT989 (6W)◎	8	101	12.3	-2	2	0.5	S	VG	MS	MR	I	S	MR	MR	MR	I
GRAND MEAN		93	12.8													
LSD (0.05)		6	0.4													

1 Values in brackets indicate row and type: 2 = two-row; 6 = six-row; B = blue aleurone; W = white aleurone (all others yellow); F = fodder.

2 Reactions given for old races of stem rust. All cultivars are susceptible to new race QCCJ. However, to date this has not caused widespread damage.

Early seeding will generally reduce the likelihood of severe infection.

3 Fusarium head blight (FHB) infection is highly influenced by environment and heading date. Under high levels of the disease all varieties will sustain damage.

Hulless barley typically has reduced levels of DON when compared to regular barley with similar levels of disease.

Yield Comparisons

Category/Variety	2012 Average Yield (bu/acre)	2012 Yield (bu/acre)							
		Boisbiovain	Dauphin	Hamiota	Neepawa	Souris	St. Adolphe	Stonewall	
Malting									
AAC Synergy◎	59	54	21	64	55	69	87	64	
AC Metcalfe◎	47	33	14	62	34	52	76	57	
CDC Anderson◎	59	47	40	70	42	63	83	66	
CDC Kindersley◎	56	43	18	82	44	63	82	63	
CDC Polarstar◎	47	42	13	55	53	48	68	53	
Cerveza◎	65	70	27	84	52	64	84	74	
Major◎	58	51	20	78	54	61	77	62	
Feed/Forage									
Breton◎	53	56	24	50	40	52	85	62	
Gadsby◎	57	68	15	63	48	61	79	64	
Muskwa◎	51	53	21	56	45	45	80	57	
TR07728◎	56	53	16	74	56	63	81	52	
Hulless									
CDC Clear◎	42	38	14	53	34	41	71	45	
Varieties that have been supported for registration									
Malting									
BT989◎	62	55	34	73	48	65	90	71	
SITE GRAND MEAN (bu/acre)	51	21	67	46	58	80	60		
CV %	7.4	9.3	6.7	11.9	12.2	1.9	3.0		
LSD (bu/acre)	6	3	7	9	12	3	3		
Sign Diff	Yes	Yes	Yes	Yes	Yes	Yes	Yes		
Seeding Date	09-May	11-May	15-May	09-May	16-May	23-Apr	25-Apr		
Harvest Date	14-Aug	23-Aug	10-Sep	24-Jul	29-Jul	30-Jul	01-Aug		

Protein Comparisons

C
E
R
E
A

C
R
O
P
S

Category/Variety	2012 Average Protein (%)	2012 Protein (%)						
		Boissevain	Dauphin	Hamiota	Neepawa	Souris	St. Adolphe	Stonewall
Malting								
AAC Synergy	14.2	14.6	13.8	12.6	15.8	13.8	13.9	14.9
AC Metcalfe	15.3	15.0	15.0	13.6	17.9	15.4	15.0	15.5
CDC Anderson	13.7	13.8	13.8	11.5	15.1	14.3	13.5	14.2
CDC Kindersley	14.9	14.3	14.1	12.9	17.1	15.4	14.8	15.4
CDC Polarstar	14.9	14.3	14.3	13.3	16.4	15.0	14.5	16.3
Cerveza	14.6	14.4	14.0	12.9	16.4	14.5	14.7	15.1
Major	14.8	14.4	14.4	13.5	16.3	14.9	15.1	15.3
Feed/Forage								
Breton	14.5	13.4	17.0	—	14.3	13.8	13.8	14.5
Gadsby	14.8	14.1	14.8	13.8	16.0	15.5	14.0	15.2
Muskwa	14.4	14.1	14.1	13.6	15.9	13.9	14.6	14.4
TR07728	14.5	—	14.0	13.4	15.3	14.9	15.1	—
Hulless								
CDC Clear	15.9	15.1	16.6	14.1	18.6	16.8	14.5	15.9
Varieties that have been supported for registration								
Malting								
BT989	14.2	13.9	13.7	13.2	15.7	14.1	14.4	14.7
SITE GRAND MEAN (%)		14.3	14.6	13.2	16.2	14.8	14.5	15.1



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- ✓ NEW VARIETIES?
- ✓ NEW MARKETS?
- ✓ MORE OPPORTUNITIES?



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Support the Wheat & Barley Check-Off.

The check-off enables Western Canada's farmers to continue funding variety research and market development in the open market.

This voluntary check-off of \$0.48/tonne of wheat and \$0.56/tonne of barley will be shown as a *Deduction of Levy* on your Cash Purchase Ticket upon grain delivery at a Canadian Grain Commission licensed company.

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These funds will be delivered to three important groups that work together to support your farm's future. Visit their websites to learn more:



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2013-14 Canadian Malting Barley Technical Centre Recommendations

These recommendations are based on the varieties expected to be selected by grain and malting companies for both domestic and export markets from the 2013 harvest. Seeding decisions should be based on agronomic considerations and feedback from your grain company representative, local elevator operators and malting companies. This list is published on behalf of the members of the CMBTC, and other companies that have provided their input. Varieties not listed are not recommended. The varieties are listed in descending order to the amount expected to be selected next crop year.

Recommended Two-Row Barley Varieties

VARIETY	SOURCE	DOMESTIC	EXPORT	MARKET DEMAND
AC Metcalfe	4	Established	Established	Stable Demand
CDC Copeland	4	Established	Established	Stable Demand
CDC Meredith	4	Established	Limited	Increasing Demand
Newdale	3	Established	Limited	Stable Demand
CDC Polarstar*	5	Limited	Limited	Stable Demand
Merit 57	5	Limited	Limited	Limited Demand
Major	1	Limited	Limited	Limited Demand

Bentley, Norman, Cerveza, CDC Kindersley, CDC Landis, CDC Reserve, Voyager and AAC Synergy are not yet being grown for the commercial market. Production is limited to quantities required for testing and market development.

*CDC Polarstar is available only through a closed loop Identity Preserved program offered by Prairie Malt Limited/Sapporo Breweries and their agents.

Recommended Six-Row Barley Varieties

VARIETY	SOURCE	DOMESTIC	EXPORT	MARKET DEMAND
Legacy	1,2,3	Established	Established	Stable Demand
Stellar-ND	5	Established	Established	Declining Demand
Tradition	1,2,3	Established	Established	Declining Demand
Celebration	5	Limited	Limited	Limited Demand

Innovation, CDC Mayfair and CDC Anderson are not yet being grown for the commercial market. Production is limited to quantities required for testing and market development. Please talk to your local malting company selector in regards to demand for Lacey and Robust.

"Domestic" as used in this publication, means barley selected for domestic processing into malt to supply domestic brewers as well as for malt destined for export. Export is that malting barley designated for markets outside of Canada including the U.S., shipped as unmalted grain.

The following companies have pedigreed seed distribution rights for those varieties that are footnoted:

1 - Viterra; 2 - BARI-Canada; 3 - FP Genetics; 4 - SeCan; 5 - CANTERRA SEEDS

FPGenetics™
Bringing Value & Profit
to Canadian Farms

WHEAT AC® Harvest – CWRS
CDC Utmost VB – CWRS
AC® Muchmore – CWRS

BARLEY AC® Newdale – 2 Row Malt
Tradition – 6 Row Malt
Legacy – 6 Row Malt

OATS AC® Summit – Milling
AC® Pinnacle – Milling
AC® Leggett – Milling

Toll Free 1-866-228-6167 • www.fpgenetics.ca

New for 2013

Variety	Code	Breeder	Distributor	Seed Availability
Stride®	OT2069	AAFC - Winnipeg	SeCan	2014

Varieties that are being tested or proposed for registration

OT3054	Crop Development Centre
OT3056	Crop Development Centre

Comments:

Forage yields of some varieties are listed in the Forage Crops section.

Producers are encouraged to check the "Preferred" or "Approved" lists available at most mills if they are selecting varieties for the milling market. These lists are updated as new genetics become available.

HiFi® is exceptionally high in beta-glucan fibre and is available for contract identity preserved production.

The variety **Stride®** appears to have improved resistance to Fusarium Head Blight, based on lower DON accumulation, in comparison with other recently registered varieties.

Variety Descriptions

Variety	Site			Maturity	Height	Test Wt		Hull Colour	Resistance Level:				
	Years Tested	Yield bu/acre	Protein %	+/- 96 days	+/- 33 inches	+/- 39.3 lb/bu	Hull %		Lodging	Smut	Crown Rust	Stem ¹ Rust	BYD ²
AC Morgan	36	130	11.7	-1	6	-1.0	25.2	White	G	I	S	S	MS
Bradley®	29	127	12.5	2	3	—	—	White	G	R	MS	MS	MS
CDC Big Brown®	27	128	12.4	-1	1	0	20.4	Tan	G	R	R	MS	MS
CDC Dancer®	59	124	12.5	-3	5	0.5	19.6	White	G	R	I	I	MS
CDC Minstrel®	40	131	11.1	0	3	-0.2	22.3	White	VG	R	MS	I	MS
CDC Morrison®	5	125	12.7	-2	-1	-1.0	24.4	White	VG	R	R	I	I
CDC ProFi	39	120	13.0	-3	1	-1.0	20.0	White	G	MS	S	I	MS
CDC Seabiscuit®	22	127	12.3	0	6	-0.5	20.1	White	G	MR	S	I	S
CDC Weaver®	36	124	12.4	-1	5	-1.0	19.0	White	F	R	S	I	MS
Furlong®	92	123	12.4	-1	8	0.5	20.3	Tan	G	R	S	I	MR
HiFi®	63	133	12.9	-3	6	0	24.7	White	G	MS	R	I	MR
Jordan®	51	132	11.3	2	3	-2.0	23.6	White	VG	R	I	I	MR
Leggett®	96	132	13.3	0	0	0	23.0	White	G	R	R	I	MS
Pinnacle®	68	139	11.7	3	4	-1.2	23.7	White	G	R	S	I	MS
Ronald®	84	122	12.3	0	1	0	22.1	White	VG	R	S	I	MR
Souris®	39	131	12.5	-4	0	0.5	20.9	White	G	R	R	MR	MS
Stainless	25	126	12.7	-3	5	-0.5	22.4	Light Grey	G	R	R	MR	MR
Stride®	22	127	13.6	-2	5	0.6	23.7	White	VG	R	R	I	I
Summit®	39	134	12.4	0	-1	0.5	20.8	White	G	R	R	I	I
Triactor®	41	144	12.1	-1	3	-1.5	22.1	White	VG	I	MR	S	MS
Varieties that have been supported for registration													
OT3054	10	135	12.0	0	0	-0.8	20.5	White	G	R	I	S	S
OT3056	10	128	12.4	0	6	-0.5	22.3	White	VG	R	I	S	S
GRAND MEAN		129	12.7										
LSD (0.05)		10	0.5										

1 All varieties are susceptible to new races NA67 and NA76 and these races caused moderate damage to crops in the Red River Valley in 2001 and 2002. Early seeding will generally reduce the likelihood of severe infection.

2 BYD = Barley Yellow Dwarf - a viral disease carried and spread by aphids - early seeding will generally reduce the likelihood of severe infection.

OATS (*continued*)

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Yield Comparisons

Variety	2012 Average Yield (bu/acre)	2012 Yield (bu/acre)									
		Arborg	Beausejour	Boissevain	Dauphin	Hamiota	Melita	Rosebank	St. Adolphe	Stonewall	Thornhill
CDC Big Brown	105	101	113	113	70	118	82	127	104	101	121
CDC Seabiscuit	96	67	117	108	79	114	68	105	89	90	119
Leggett	102	85	117	111	72	111	71	132	96	98	129
Stride	99	71	108	101	74	104	73	134	106	99	121
Varieties that have been supported for registration											
OT3054	118	101	122	128	101	114	98	137	111	113	156
OT3056	102	93	115	119	71	84	81	134	97	110	112
SITE GRAND MEAN (bu/acre)		86	115	113	78	107	79	128	100	103	126
CV %		5.9	4.4	5.9	5.3	8.2	5.7	9.0	2.3	2.9	6.5
LSD (bu/acre)		9	—	12	8	16	9	—	4	5	15
Sign Diff		Yes	No	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
Seeding Date	10-May	09-May	09-May	11-May	15-May	09-May	08-May	23-Apr	25-Apr	04-May	
Harvest Date	21-Aug	14-Aug	21-Aug	09-Sep	10-Sep	16-Aug	17-Aug	30-Jul	01-Aug	31-Aug	

Protein Comparisons

Variety	2012 Average Protein (%)	2012 Protein (%)									
		Arborg	Beausejour	Boissevain	Dauphin	Hamiota	Melita	Rosebank	St. Adolphe	Stonewall	Thornhill
CDC Big Brown	14.3	12.7	13.5	14.8	13.7	14.1	14.5	14.5	14.9	14.9	14.9
CDC Seabiscuit	14.5	—	13.1	15.5	—	14.2	14.1	14.2	15.4	15.1	14.6
Leggett	15.1	13.3	13.8	15.9	14.3	15.7	15.3	15.0	16.8	15.9	15.2
Stride	15.8	13.5	14.3	16.1	16.6	16.3	16.1	15.6	16.2	17.0	16.5
Varieties that have been supported for registration											
OT3054	13.9	12.6	13.6	14.1	13.1	13.4	13.5	13.7	15.9	15.7	13.6
OT3056	14.5	13.5	14.4	14.6	13.5	14.5	14.0	14.2	16.4	15.0	14.8
SITE GRAND MEAN (%)	13.1	13.8	15.2	14.2	14.7	14.6	14.5	15.9	15.6	14.9	

Comments:

Hulless oats were last tested in 2008.

GEHL is the first bald hulless oat variety as it does not have surface-borne hairs (trichomes). **GEHL** also has improved hulless expression.

The yield of hulless oats is less than that of common oats in which the hull is part of the yield. Hulless oats should be stored at <12% moisture.

Hulless oats are a specialty product for which a market should be ensured prior to planting.

Crown rust races capable of attacking varieties with the Pc68 gene are now prevalent in Manitoba. This has resulted in varieties being redefined as Susceptible (S) for Crown Rust resistance. Early seeding may reduce the likelihood of severe infection.

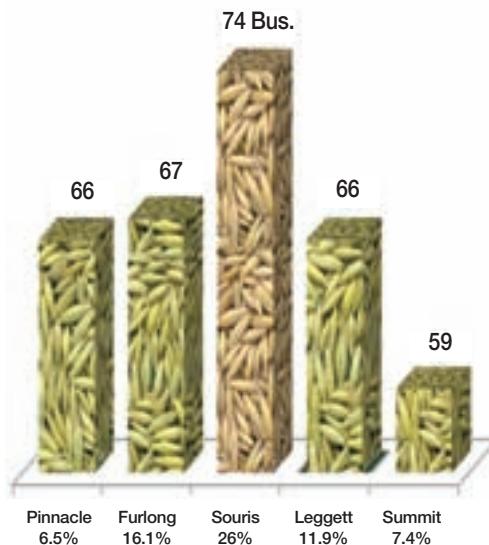
Variety Descriptions

Variety	Yield % Check	Site Years Tested	Days to Maturity +/- Check	Height +/- Check	Test Weight +/- Check	Resistance Level:				
	Lodging	Smut	Crown Rust	Stem ¹ Rust	BYD ²					
AC Belmont	80	3	0	-5	1.1	G	R	S	I	MS
AC Gwen	82	3	2	-2	5.2	VG	R	S	I	I
Furlong®	100	3	0	0	0	G	R	S	I	MR
GEHL	62	3	-2	-3	9.8	G	R	S	MS	S
Navan	70	3	-3	-3	5.0	G	—	S	—	I
CHECK CHARACTERISTICS										
Furlong®	4780 lbs/acre	3 site years	95 days	41 inches	39.8 lb/bu					

1 All varieties are susceptible to new races NA67 and NA76 and these races caused moderate damage to crops in the Red River Valley in 2001 and 2002.

Early seeding will generally reduce the likelihood of severe infection.

2 BYD = Barley Yellow Dwarf - a viral disease carried and spread by aphids - early seeding will generally reduce the likelihood of severe infection.

SOURIS - Yield MB 2012*

*Percentage of acres in MB each variety 2011 crop.

These are, in my opinion, the varieties that would most consistently meet the quality requirements of the mills we deliver to on our farm.

For best returns - use Certified Seed. Part of the reason Souris did so well in 2011 - 90% of acres sown used Certified Souris Seed.

All the best in 2013!

Trusted Souris Oats

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John M. Smith	Seed Depot	825-2000
Agassiz Seed Farm Ltd.	Homewood, MB	745-2868
Bergen Seed Farm	Sanford, MB	736-2278
Boissevain Select Seeds	Boissevain, MB	534-6846
Clearview Acres*	Virden, MB	748-2666
Court Seeds*	Plumas, MB	386-2354
Darcey Miller*	Oakville, MB	267-2363
Durand Seeds Inc*	Notre Dame, MB	248-2268
Ellis Seeds*	Wawanesa, MB	824-2290
ENS Farm Ltd.*	Winkler, MB	325-4658
Fisher Seeds	Dauphin, MB	622-8800
Friesen Seeds Ltd.*	Morris, MB	746-8325
Froese Seed	Altona, MB	324-5037
Gagnon Seed Service*	Ste. Rose Dulac, MB	447-2118
HB Agro*	Killarney, MB	523-7464
Hulme Agri Products Inc.*	MacGregor, MB	685-2627
James Farms Ltd	Winnipeg, MB	222-8785
Jeffries Seeds*	Glenboro, MB	827-2102
Manness Seeds*	Domain, MB	736-2622
MB Seeds*	Lowe Farm, MB	746-2187
Nadeau Reliable Seed Service*	Fannystelle, MB	436-2469
Nickel Bros.	Solsgirth, MB	842-3786
Pitura Seed Service*	Domain, MB	736-2849
Pugh Seeds Ltd.*	Portage, MB	274-2179
Redsper Ent.	Rivers, MB	328-5346
Riddel Seed Co	Warren, MB	227-5679
R-Way Ag. Ltd.*	St. Claude, MB	379-2582
Rutherford Farms *	Grosse Isle, MB	467-5613
Sask-Can Parent	St Joseph	737-3004
Seine River Seeds*	St. Anne, MB	355-4495
Shanawan Farms Ltd.	Domain, MB	736-2951
Smith Seeds*	Crystal City, MB	873-2248
Southern Seeds Ltd	Minto	776-2333
Swan Valley Seeds*	Swan River, MB	734-2526
Timchishen Seeds	Arborg, MB	376-5116
Triple "S" Seeds*	Grandview, MB	546-2590
Wilson Seeds Ltd.*	Darlingford, MB	246-2388

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✓ **Consistent High Yielder in Yield MB (Real Farm Yields)**

✓ **Shortest Oat on the Market**

✓ **Heaviest test weight with smaller seed**

✓ **Earliest 3 - 4 days earlier than Ronald or Leggett**

✓ **Best Crown Rust Resistance**
- resistant to stem rust
- resistant to loose and covered smut





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There's a lot that goes on behind the scenes when you use Raxil® WW seed treatment, but all you'll see is a beautiful, healthy cereal crop. Raxil WW with Stress Shield® is the complete protection package, combining the serious seed- and soil-borne disease protection of Raxil (including true loose smut and fusarium), with Stress Shield for increased plant health.

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SPRING WHEAT

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New for 2013

Variety	Class	Code	Breeder	Distributor	Seed Availability
AAC Bailey	CWRS	BW901	AAFC - Swift Current	CANTERRA SEEDS	2014
AAC Redwater	CWRS	PT457	AAFC - Winnipeg	SeCan	2015
Cardale	CWRS	BW429	AAFC - Winnipeg	Seed Depot	2014
CDC Plentiful	CWRS	PT580	Crop Development Centre	FP Genetics	2015
CDC VR Morris	CWRS	BW423	Crop Development Centre	Viterra	—
SY433	CWRS	BW433	Syngenta Canada	—	—
Enchant VB	CPSR	HY694	AAFC - Winnipeg	FP Genetics	2014
Whitehawk	CWHWS	HW024	AAFC - Winnipeg	SeCan	2013

Varieties that have been supported for registration

CWRS	BW931	AAFC - Swift Current
CWRS	BW932	AAFC - Swift Current
CPSR	HY1312	AAFC - Swift Current
CPSR	HY1603	AAFC - Winnipeg
CWHWS	HW021	AAFC - Winnipeg
CWSWS	SWS408	AAFC - Lethbridge
CWGP	GP047	AAFC - Lethbridge
CWGP	GP080	AAFC - Lethbridge

Comments:

Most varieties have been rated for their relative resistance to pre-harvest sprouting. Under wet postmaturity conditions varieties rated poor (P) would have reduced ability to retain Hagberg Falling Number values relative to those rated good (G) or very good (VG).

The Canadian Grain Commission advises that the following wheat variety belonging to the Canada Western Red Spring (CWRS) class will be deregistered effective August 1, 2013: Garnet. After August 1, 2013, this variety will only be eligible for the grade Wheat, Canada Western Feed.

Producers are strongly encouraged to use a combination of the Canadian Food Inspection Agency's **List of Registered Varieties** (www.inspection.gc.ca) and the Canadian Grains Commision's **Variety Designation Lists** (www.grainscanada.gc.ca) to determine the registration and grade eligibility status of varieties.

Variety Descriptions

Class/Variety	Site Years Tested	Yield bu/acre	Protein %	Resistance Level:													
				Maturity +/- 99 days			Height +/- 37 inches		Spike Awned	Lodging	Sprouting	Loose Smut	Common Bunt	Leaf ¹ Spots	Stem Rust	Leaf Rust	Fusarium ² Head Blight
				F	G	VG	G	G				MS	I	MR	I	R	R
Canada Western Red Spring																	
5602HR	90	60	14.9	1	0	Y	F	F	R	MR	I	R	R	MR			
5603HR	41	60	14.4	2	0	Y	G	VG	MS	I	MR	MR	R	I			
5604HR CL	40	58	14.4	-1	-1	Y	G	G	MS	I	MS	R	R	I			
AAC Bailey	4	54	14.9	-1	0	N	G	G	MS	MR	I	R	R	I			
AAC Redwater	4	59	13.4	-1	-2	Y	G	—	MS	I	MS	R	R	I			
AC Barrie	164	55	14.5	0	0	N	G	G	MR	I	MS	MR	MS	I			
AC Cadillac	6	58	—	-1	3	N	F	F	R	R	I	R	MR	I			
AC Domain	20	55	15.2	-2	-1	N	VG	VG	R	I	S	R	I	MS			
Alvena	30	57	14.8	-2	0	N	G	P	MR	I	—	MR	I	MS			
Carberry	40	58	14.6	2	-5	Y	VG	F	MR	R	MS	MR	R	MR			
Cardale	4	60	13.5	2	-4	Y	VG	F	I	MR	MS	R	R	MR			
CDC Abound	38	57	14.4	2	-4	Y	G	F	I	I	MS	R	MS	S			
CDC Go	24	61	14.3	-1	-2	Y	G	VP	MS	I	S	R	I	MS			
CDC Kernen	27	58	14.7	1	1	Y	G	F	R	I	MS	MR	MR	I			
CDC Plentiful	4	57	14.7	-3	-2	N	VG	—	R	I	I	R	R	MR			
CDC Stanley	22	57	14.6	0	-1	N	G	G	MR	S	I	R	MR	MS			
CDC Thrive	26	54	14.6	-1	0	N	G	P	MR	I	I	MR	I	MS			
CDC Utmost VB	15	58	14.6	-1	-1	N	G	G	MS	S	I	MR	R	MS			
CDC VR Morris	4	60	14.8	0	0	N	G	—	I	I	I	MR	R	MR			
Fieldstar VB	43	60	14.6	0	1	Y	F	VG	I	I	I	MR	R	I			
Glenn	45	59	14.6	2	-2	Y	VG	F	I	I	I	R	R	I			
Goodeve VB	53	59	14.8	-2	-1	N	VG	G	MR	S	MS	MR	MR	S			
Harvest	61	58	14.3	-1	-2	N	VG	VG	MR	S	MS	R	MR	S			
Infinity	37	58	15.1	-2	0	N	G	G	MR	MR	MS	MR	MR	S			
KANE	78	58	14.6	1	-2	Y	G	VG	MS	I	I	R	R	I			
Muchmore	40	59	14.2	2	-6	Y	VG	G	MR	R	MS	R	R	MS			

Class/Variety	Site Years Tested	Yield bu/acre	Protein %	Maturity +/- 99 days	Height +/- 37 inches	Spike Awned	Resistance Level:							
							Lodging	Sprouting	Loose Smut	Common Bunt	Leaf ¹ Spots	Stem Rust	Leaf Rust	Fusarium ² Head Blight
Shaw VB	40	60	14.3	0	2	N	G	G	S	MR	MS	R	MR	MS
Somerset	38	57	15.2	-1	3	N	G	F	R	MS	MS	R	MR	MS
Stettler	40	56	14.8	1	-2	Y	G	G	R	MR	MS	MR	MS	MS
Superb	83	58	14.4	2	-3	Y	VG	F	I	MR	MS	R	S	MS
SY433	22	57	14.5	2	1	Y	G	—	I	S	I	R	R	MR
Unity VB	53	62	14.2	0	0	Y	F	G	MS	R	I	MR	R	I
Vesper VB	27	61	14.5	0	-1	Y	G	F	I	S	I	MR	R	I
Waskada	38	59	14.7	1	2	Y	F	VG	MR	R	MS	R	I	MR
WR859 CL	41	59	14.5	0	-3	Y	G	G	R	R	MS	MR	R	MR
Canada Prairie Spring Red														
5700PR	33	61	12.9	3	-6	Y	VG	F	MS	R	MS	R	I	MS
5702PR	30	63	12.9	1	-4	Y	VG	P	MS	I	I	I	MR	MS
Conquer VB	40	61	13.1	2	-1	Y	G	P	MS	R	I	R	MR	MS
Enchant VB	4	61	12.8	1	-2	Y	G	—	MR	R	MS	MR	R	S
SY985	27	61	13.5	2	-6	Y	G	F	R	MR	I	R	R	I
Canada Western Extra Strong														
Burnside	52	56	14.4	-1	2	N	G	G	R	I	MS	R	R	S
CDN Bison	38	61	13.8	1	-2	Y	G	F	R	I	I	R	MR	I
Glencross VB	42	59	14.1	0	3	N	G	F	R	I	MS	R	MR	S
Canada Western Hard White Spring														
Snowbird	93	57	13.9	0	0	N	G	G	MR	MS	MS	MR	I	I
Snowstar	37	60	13.5	-1	-4	N	VG	G	MS	S	MS	R	MR	MS
Whitehawk	21	52	13.6	-2	0	N	VG	—	I	MS	MS	I	R	MS
Canada Western Soft White Spring														
AC Andrew	30	68	11.0	4	-4	Y	VG	P	S	S	—	MR	MS	I
Sadash	34	68	10.8	4	-2	Y	VG	P	I	S	—	MR	I	S
Canada Western General Purpose														
CDC NRG003	27	64	13.0	1	-4	Y	G	F	MS	R	MS	R	MS	S
Minnedosa	40	63	12.9	-1	-4	Y	G	G	I	R	MS	MR	R	MS
NRG010	40	67	12.6	4	-3	Y	VG	P	MS	R	I	R	R	MS
Pasteur	24	67	12.9	7	-3	N	VG	F	MS	S	I	MR	R	I
Varieties that have been supported for registration														
Canada Western Red Spring														
BW931	4	62	14.4	2	-6	Y	VG	—	I	I	I	R	R	I
BW932	4	63	14.4	2	-5	Y	VG	—	MR	S	I	R	R	MR
Canada Prairie Spring Red														
HY1312	4	60	13.0	1	-4	Y	G	—	I	R	MS	R	R	MS
HY1603	4	62	13.8	0	-6	Y	G	—	MR	I	MS	R	R	I
Canada Western Hard White Spring														
HW021	4	58	12.4	0	-4	Y	G	—	MS	MR	MS	R	R	I
Canada Western Soft White Spring														
SWS408	4	68	11.8	4	-1	Y	F	—	S	S	—	S	I	S
Canada Western General Purpose														
GP047	4	67	12.1	4	-3	Y	F	—	S	S	I	MR	R	S
GP080	4	60	12.1	3	-1	Y	F	—	MR	S	I	MR	R	MR
GRAND MEAN		60	14.1											
LSD (0.05)		5	0.5											

1 Leaf Spots rating is a combination of resistance to tan spot, spot blotch and septoria leaf disease complex.

2 Fusarium head blight (FHB) infection is highly influenced by environment and heading date. Under high levels of the disease all varieties will sustain damage.

SPRING WHEAT (continued)

Yield Comparisons

Class/Variety	2012 Average Yield (bu/acre)	2012 Yield (bu/acre)										
		Beausejour	Boisbriand	Dauphin	Hamota	Melita	Neepawa	Rosebank	Souris	St. Adolphe	Stonewall	Thornhill
Canada Western Red Spring												
5603HR	51	42	59	40	56	43	42	65	62	40	43	67
5604HR CL	53	44	58	44	51	50	43	72	70	38	43	66
AAC Bailey	47	—	49	36	46	—	—	—	—	—	—	56
AAC Redwater	56	—	54	47	54	—	—	—	—	—	—	69
AC Barrie	53	47	63	47	48	48	49	72	61	36	48	67
Carberry	57	45	55	42	54	48	54	74	62	56	60	82
Cardale	57	—	58	41	55	—	—	—	—	—	—	76
CDC Kernen	52	48	58	32	56	48	41	67	62	45	55	64
CDC Plentiful	53	—	51	41	51	—	—	—	—	—	—	68
CDC Stanley	52	45	58	43	53	47	45	68	58	40	43	68
CDC Thrive	48	43	53	36	56	45	39	66	54	33	42	56
CDC Utmost VB	54	—	56	44	54	—	—	—	—	—	—	64
CDC VR Morris	58	—	58	41	58	—	—	—	—	—	—	75
KANE	51	39	49	38	56	48	43	67	66	35	50	70
Muchmore	57	48	57	45	52	48	48	81	71	50	56	75
Shaw VB	55	47	60	47	61	49	44	72	65	35	52	70
SY433	53	45	62	44	51	51	41	69	70	44	48	60
Vesper VB	54	48	61	48	61	50	52	71	69	27	41	70
Canada Prairie Spring Red												
Conquer VB	59	51	56	48	58	50	41	75	64	66	60	76
Enchant VB	61	—	57	53	60	—	—	—	—	—	—	72
SY985	58	42	58	49	47	52	50	78	64	66	59	78
Canada Western Hard White Spring												
Whitehawk	45	41	47	34	52	42	37	62	62	25	32	57
Canada Western General Purpose												
CDC NRG003	61	41	55	55	55	50	53	87	72	61	56	84
NRG010	60	46	58	48	60	53	47	85	68	59	60	81
Pasteur	59	44	56	45	64	51	46	77	73	59	51	84
Varieties that have been supported for registration												
Canada Western Red Spring												
BW931	61	—	58	45	59	—	—	—	—	—	—	81
BW932	63	—	61	48	60	—	—	—	—	—	—	84
Canada Prairie Spring Red												
HY1312	58	—	56	50	57	—	—	—	—	—	—	68
HY1603	61	—	60	49	60	—	—	—	—	—	—	77
Canada Western Hard White Spring												
HW021	55	—	56	47	54	—	—	—	—	—	—	61
Canada Western Soft White Spring												
SWS408	73	—	71	64	66	—	—	—	—	—	—	89
Canada Western General Purpose												
GP047	70	—	53	55	80	—	—	—	—	—	—	92
GP080	57	—	53	38	62	—	—	—	—	—	—	74
SITE GRAND MEAN (bu/acre)		45	57	45	57	49	45	73	65	45	51	72
CV%		7.2	5.7	7.7	6.9	6.6	10.7	6.4	7.7	4.3	8.2	5.1
LSD (bu/acre)		5	5	6	6	5	8	8	8	3	7	6
Sign Diff		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Seeding Date	09-May	09-May	11-May	15-May	09-May	09-May	04-May	16-May	23-Apr	25-Apr	04-May	
Harvest Date	14-Aug	14-Aug	06-Sep	10-Sep	16-Aug	24-Jul	08-Aug	29-Jul	30-Jul	01-Aug	23-Aug	

Protein Comparisons

Class/Variety	2012 Average Protein (%)	2012 Protein (%)										
		Beausejour	Boissevain	Dauphin	Hamiota	Melita	Neepawa	Rosebank	Souris	St. Adolphe	Stonewall	Thornhill
Canada Western Red Spring												
5603HR	14.9	14.1	14.8	15.4	14.5	15.7	15.4	—	15.6	14.3	13.8	15.5
5604HR CL	15.0	14.6	15.2	15.3	14.8	14.9	15.7	—	15.1	—	13.5	15.6
AAC Bailey	15.7	—	15.0	16.0	15.8	—	—	—	—	—	—	15.9
AAC Redwater	14.1	—	15.6	15.1	15.2	—	—	—	—	—	—	10.4
AC Barrie	15.4	14.8	15.4	15.4	14.8	16.0	16.4	—	15.0	15.9	14.2	16.2
Carberry	15.1	15.0	15.3	15.5	15.1	14.2	—	—	15.5	14.5	14.7	15.7
Cardale	14.2	—	15.2	15.9	14.7	—	—	—	—	—	—	11.1
CDC Kernen	15.2	14.6	15.3	15.5	15.4	15.5	15.9	—	14.9	15.0	14.6	15.7
CDC Plentiful	15.5	—	15.7	15.1	15.3	—	—	—	—	—	—	15.9
CDC Stanley	15.2	15.0	15.1	15.1	15.5	15.3	16.1	—	15.6	15.0	13.4	15.6
CDC Thrive	15.2	14.6	15.2	15.6	15.0	14.7	15.9	—	15.8	14.8	13.4	16.7
CDC Utmost VB	15.5	—	15.0	15.5	15.4	—	—	—	—	—	—	16.1
CDC VR Morris	15.6	—	15.3	15.7	15.1	—	—	—	—	—	—	16.1
KANE	15.0	14.5	15.2	15.4	15.0	15.7	15.9	—	14.9	14.5	13.5	15.7
Muchmore	14.8	14.4	15.1	15.2	14.7	13.9	15.8	—	15.2	14.4	13.9	15.3
Shaw VB	15.1	15.1	15.3	15.2	14.4	15.5	16.4	—	15.8	13.3	13.6	16.3
SY433	14.9	14.1	14.8	15.1	14.6	14.3	15.6	—	15.2	15.0	14.0	15.8
Vesper VB	15.2	14.8	15.4	15.1	15.0	15.5	—	—	15.9	15.1	13.9	16.1
Canada Prairie Spring Red												
Conquer VB	14.1	14.1	14.2	14.0	12.9	14.9	15.7	—	13.6	13.1	14.3	14.5
Enchant VB	13.5	—	14.3	13.6	13.6	—	—	—	—	—	—	12.3
SY985	14.0	14.3	14.0	14.4	13.7	13.6	14.8	—	14.3	12.7	13.9	14.1
Canada Western Hard White Spring												
Whitehawk	13.8	13.5	13.3	13.8	13.2	13.9	—	—	14.1	13.7	14.7	14.2
Canada Western General Purpose												
CDC NRG003	13.7	13.9	14.3	13.6	13.3	13.9	14.9	—	13.0	13.5	12.9	13.9
NRG010	13.5	14.6	13.5	13.3	12.3	12.9	14.1	—	12.7	—	14.6	13.5
Pasteur	14.2	13.4	13.7	13.9	13.1	13.2	16.4	—	14.7	14.4	15.1	13.9
Varieties that have been supported for registration												
Canada Western Red Spring												
BW931	15.2	—	15.0	15.1	15.0	—	—	—	—	—	—	15.5
BW932	15.2	—	15.3	15.2	14.6	—	—	—	—	—	—	15.7
Canada Prairie Spring Red												
HY1312	13.6	—	14.2	14.2	13.3	—	—	—	—	—	—	12.6
HY1603	14.5	—	14.7	14.6	14.0	—	—	—	—	—	—	14.7
Canada Western Hard White Spring												
HW021	13.0	—	13.5	14.0	13.4	—	—	—	—	—	—	11.0
Canada Western Soft White Spring												
SWS408	12.4	—	13.0	12.3	11.8	—	—	—	—	—	—	12.3
Canada Western General Purpose												
GP047	12.6	—	13.8	13.5	11.7	—	—	—	—	—	—	11.5
GP080	12.6	—	13.7	13.1	12.6	—	—	—	—	—	—	11.1
SITE GRAND MEAN (%)		14.4	14.7	14.7	14.2	14.6	15.7	—	14.8	14.3	14.0	14.4

DURUM WHEAT

Comments:

Durum wheat was last tested in 2010.

Variety Descriptions

Variety	Site Years Tested	Yield bu/acre	Protein %	Maturity +/- 101 days	Height +/- 35 inches	Spike Awned	Resistance Level:							
							Lodging	Sprouting	Loose Smut	Common Bunt	Leaf ¹ Spots	Stem Rust	Leaf Rust	Fusarium ² Head Blight
Brigade	18	71	13.4	2	2	Y	G	F	S	R	I	R	R	MS
CDC Verona	18	64	14.3	2	0	Y	G	F	MS	R	MS	R	R	MS
Enterprise	12	64	14.3	0	1	Y	F	F	MS	MR	I	R	R	MS
Eurostar	18	65	14.0	2	2	Y	F	F	S	R	I	R	R	MS
Kyle	29	56	14.2	2	5	Y	F	F	MS	R	MR	R	R	S
Strongfield	47	61	14.5	0	0	Y	G	F	S	MR	I	R	R	S
Transcend	6	66	14.3	2	3	Y	G	F	S	R	I	R	R	MS
GRAND MEAN		64	14.3											
LSD (0.05)		4	0.3											

¹ Leaf Spots rating is a combination of resistance to tan spot, spot blotch and septoria leaf disease complex.

² Fusarium head blight (FHB) infection is highly influenced by environment and heading date. Under high levels of the disease all varieties will sustain damage.

WINTER WHEAT

New for 2013

Varieties that have been supported for registration

Class	Code	Breeder
CWRW	DH00W31N*34	Department of Plant Sciences, U of M
CWGP	1603-137-1	Department of Plant Sciences, U of M
CWGP	DH01-25-135*R	Department of Plant Sciences, U of S
CWGP	DH99W18I*45	Department of Plant Sciences, U of M
CWGP	DH99W19H*16	Department of Plant Sciences, U of M

Comments:

Seed of the new varieties **Flourish** and **Moats** will be commercially available for seeding in Fall 2013.

The Canadian Grain Commission has announced the varieties **CDC Kestrel**, **CDC Clair**, **CDC Harrier** and **CDC Raptor** will be moved from the Canada Western Red Winter class to the Canada Western General Purpose class August 1, 2013.

The Canadian Grain Commission plans to move **CDC Falcon** from the Canada Western Red Winter class to the Canada Western General Purpose class as of August 1, 2014, a year later than originally scheduled. The transition period of **CDC Falcon** may be extended beyond August 1, 2014 if insufficient supplies of a new replacement variety with similar agronomic factors are commercially available.

Accipiter, **Peregrine** and **Broadview** are hard red kernel types, **Sunrise** is a soft red kernel type, and **CDC Ptarmigan** is a soft white kernel type.

The new variety **Flourish** has improved resistance to Common Bunt over the currently available varieties.

Variety Descriptions

Class/Variety	Site Years Tested	Yield bu/acre	Protein %	Height +/- 26 inches	Relative ¹ Maturity	Resistance Level:							Canada Western Red Winter
						Lodging	Common Bunt	Stem Rust	Leaf Rust	Fusarium ² Head Blight	Relative ³ Winter Hardiness		
CDC Buteo	87	79	11.2	4	M	G	S	I	I	MR	VG		
CDC Falcon	90	78	11.2	0	E	VG	S	MR	MR	S	F		
CDC Harrier	47	80	10.4	8	M	G	S	MR	MS	S	G		
CDC Raptor	73	78	11.1	3	M	VG	S	R	I	S	G		
Flourish	17	80	11.4	2	E	VG	MR	I	I	S	F		
McClintock	80	78	11.4	7	L	VG	S	R	MR	S	F		
Moats	18	80	11.5	6	E	G	MS	R	R	S	G		

Class/Variety	Site Years Tested	Yield bu/acre	Protein %	Height +/- 26 inches	Relative ¹ Maturity	Resistance Level:					
						Lodging	Common Bunt	Stem Rust	Leaf Rust	Fusarium ² Head Blight	Relative ³ Winter Hardiness
Canada Western General Purpose											
Accipiter	35	81	10.9	3	M	VG	S	R	MR	MS	G
Broadview	28	80	10.9	2	E	VG	S	R	R	S	G
CDC Ptarmigan	41	80	9.6	8	M	F	S	S	S	I	G
Peregrine	36	81	10.8	10	M	G	S	I	MR	I	VG
Sunrise	28	81	10.3	6	M	G	S	MR	MR	—	G
Varieties that have been supported for registration											
Canada Western Red Winter											
DH00W31N*34	28	80	11.1	7	M	G	S	R	R	S	F
Canada Western General Purpose											
1603-137-1	10	80	11.2	4	M	G	S	R	R	MS	G
DH01-25-135*R	10	80	10.9	8	M	F	S	R	R	—	F
DH99W18I*45	36	81	11.2	6	M	VG	S	MR	R	—	F
DH99W19H*16	28	80	11.3	1	E	VG	S	R	R	MS	VG
GRAND MEAN		80	11.1								
LSD (0.05)		3	0.2								

1 Maturity ratings: E = Early, M = Medium and L = Late. CDC Falcon is considered an Early (E) maturing variety. Varieties plus 2 to 4 days compared to CDC Falcon would be Medium (M) maturing. Varieties greater than 4 days compared to CDC Falcon would be rated as Late (L) maturing.

2 Winter wheat varieties generally have poor genetic resistance to fusarium head blight. Earlier flowering of winter wheat relative to spring wheat may allow winter wheat to escape infection. The ratings provided are based on data from the Co-operative Registration Trials and/or performance in commercial fields.

3 All registered varieties have similar (good) winter hardiness if seeded at the optimum date into standing stubble where good snow cover can be assured. For the newer varieties, there is limited information currently available. As these varieties are grown on more acres, a better understanding of relative winter hardiness will follow.

Yield Comparisons

Class/Variety	2012 Average Yield (bu/acre)	2012 Yield (bu/acre)									
		Carberry	Carman	Hartney	Melita	Oak River	Robin	Rosebank	Stonewall	Wawanesa	Winnipeg
Canada Western Red Winter											
CDC Buteo	78	57	90	89	55	85	45	103	81	86	92
CDC Falcon	81	53	95	96	58	101	52	99	74	92	86
Flourish	84	78	97	93	61	104	62	90	81	94	81
Moats	83	57	108	99	58	88	64	104	78	88	89
Canada Western General Purpose											
Accipiter	83	56	106	100	64	101	36	113	71	92	93
Broadview	83	59	98	95	60	105	53	100	74	85	98
Peregrine	84	59	107	93	66	91	60	106	75	92	89
Sunrise	84	66	111	90	68	97	51	117	67	75	96
Varieties that have been supported for registration											
Canada Western Red Winter											
DH00W31N*34	84	55	105	95	61	100	72	94	81	90	87
Canada Western General Purpose											
1603-137-1	81	63	111	90	61	86	52	107	66	83	92
DH01-25-135*R	87	64	105	95	64	103	72	110	75	94	87
DH99W18I*45	84	57	106	94	67	102	63	102	74	87	91
DH99W19H*16	84	47	108	90	65	102	53	105	75	97	99
SITE GRAND MEAN (bu/acre)	60	103	94	62	97	57	104	75	89	90	
CV%	7.6	3.6	6.5	4.4	3.4	8.3	6.5	7.2	5.1	6.0	
LSD (bu/acre)	8	6	—	5	6	8	11	9	8	9	
Sign Diff	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Seeding Date	19-Sep	24-Sep	14-Sep	15-Sep	14-Sep	15-Sep	28-Sep	16-Sep	14-Sep	16-Sep	
Harvest Date	01-Aug	28-Jul	30-Jul	30-Jul	10-Aug	08-Aug	25-Jul	09-Aug	30-Jul	20-Jul	

WINTER WHEAT (continued)

Protein Comparisons

Class/Variety	2012 Average Protein (%)	2012 Protein (%)									
		Carberry	Carman	Hartney	Melita	Oak River	Roblin	Rosebank	Stonewall	Wawanesa	Winnipeg
Canada Western Red Winter											
CDC Buteo	11.9	13.1	13.2	9.6	11.5	12.8	11.4	10.8	13.1	12.9	10.1
CDC Falcon	11.8	13.3	12.3	10.4	12.2	12.2	12.0	10.2	13.7	12.0	9.5
Flourish	12.1	13.9	12.9	10.2	11.5	12.2	11.9	12.0	13.7	12.4	10.0
Moats	12.0	13.7	13.1	10.1	11.6	13.6	11.8	10.3	13.6	12.5	9.7
Canada Western General Purpose											
Accipiter	11.5	13.3	12.2	9.4	12.5	11.9	11.9	9.6	13.4	11.9	9.0
Broadview	11.6	13.0	11.7	9.6	12.1	12.0	11.6	10.1	13.9	12.3	9.2
Peregrine	11.4	13.0	12.2	9.4	11.0	12.8	11.2	9.7	13.1	12.8	8.4
Sunrise	11.3	12.7	11.1	8.9	11.1	12.1	11.2	9.0	13.4	12.0	—
Varieties that have been supported for registration											
Canada Western Red Winter											
DH00W31N*34	11.4	13.2	12.3	9.7	12.9	12.5	11.1	9.2	—	13.3	8.0
Canada Western General Purpose											
1603-137-1	11.8	13.1	12.1	9.9	12.4	12.7	11.8	11.4	13.5	12.3	9.1
DH01-25-135*R	11.5	12.9	12.1	9.7	11.7	12.4	10.8	9.4	13.5	12.3	10.1
DH99W18I*45	12.0	13.8	11.9	10.0	12.5	12.6	12.1	10.2	14.1	13.0	9.8
DH99W19H*16	11.6	13.6	—	10.1	12.6	12.5	12.2	9.8	13.6	11.8	8.4
SITE GRAND MEAN (%)		13.3	12.3	9.8	12.0	12.5	11.6	10.1	13.6	12.4	9.3

FALL RYE

Comments:

Fall Rye was last tested in 2009.

All fall rye varieties have good winter survival.

Variety Descriptions

Variety	Yield % Check	Site Years Tested	Height + / - Check	Resistance Level:		
				Lodging	Shattering	Ergot
AC Remington	93	26	-10	VG	VG	MS
AC Rifle	86	26	-11	VG	VG	MS
Hazlet	110	26	-4	G	G	MS
Prima	100	26	0	F	F	MS
CHECK CHARACTERISTICS						
Prima	97 bu/acre	26 site years	45 inches			

TRITICALE

Comments:

Triticale was last tested in 2000.

Triticale is used in Canada both as a food and livestock feed. Seed yield is generally higher than Glenlea wheat but protein content is slightly lower. The newer available varieties, although susceptible, have reduced incidence of ergot compared to nonregistered varieties and rye.

Forage yields of some varieties are listed in the Forage Crops section.

Variety Descriptions

Variety	Yield % Check	Site Years Tested	Days to Maturity + / - Check	Height + / - Check	Resistance Level:				
					Lodging	Stem Rust	Leaf Rust	Bunt	Fusarium ¹ Head Blight
AC Alta	102	22	-1	-7	G	R	R	R	—
AC Certa	101	22	-3	-2	G	R	R	R	I
AC Copia	92	18	-2	-3	G	R	R	R	—
AC Ultima	104	5	-4	-4	G	R	R	R	I
Banjo	100	0	0	0	G	R	R	R	—
Pronghorn	97	17	-4	-2	G	R	R	R	MR
SANDRO	105	20	-3	-6	G	R	R	R	—
CHECK CHARACTERISTICS									
Banjo	62 bu/acre	32 site years	100 days	42 inches					

¹ Fusarium head blight (FHB) infection is highly influenced by environment and heading date. Data on varietal reaction to FHB is limited and should be used with caution. Under high levels of the disease all varieties will sustain damage.

Distributor Contacts for Varieties in Seed Manitoba 2013

Look up variety within the correct CROP KIND to find the company, then look for company phone number in the box at bottom of section.

BARLEY		HULLESS OATS	
Malting: Acceptance - Recommended		AC Belmont	SeCan
AC Metcalfe (2)◎	SeCan	AC Gwen	SeCan
CDC Copeland (2)◎	SeCan	GEHL	Wedge Farms
CDC Meredith (2)◎	CANTERRA SEEDS	Navan	Eastern Cereal Research Centre
CDC Polarstar (2)◎	CANTERRA SEEDS		
Celebration (6W)◎	Viterra/FP Genetics		
LEGACY (6W)◎	Viterra		
Major (2)◎	CANTERRA SEEDS		
Merit 57 (2)◎	FP Genetics		
Newdale (2)◎	CANTERRA SEEDS		
Stellar-ND (6W)◎	Viterra/FP Genetics		
Tradition (6W)◎			
Malting: Acceptance - Under Testing			
AAC Synergy (2)◎	Syngenta Seeds Canada Inc.		
Bentley (2)◎	CANTERRA SEEDS		
CDC Anderson (6)◎	SeCan		
CDC Kindersley (2)◎	SeCan		
CDC Mayfair (6)◎	CANTERRA SEEDS		
CDC Reserve (2)◎	SeCan		
Cerveza (2)◎	Mastin Seeds		
Norman (2)◎	FP Genetics		
Malting: Other			
CDC Battleford (6W)◎	SeCan		
CDC Kamsack (6)◎	CANTERRA SEEDS		
CDC Kendall (2)◎	Viterra		
Lacey (6W)◎	Alliance Seed Corporation		
Robust (6W)	Crop Development Centre		
Feed / Forage			
AC Ranger (6F)	FP Genetics		
Breton (6F)◎	CANTERRA SEEDS		
CDC Austenson (2)◎	SeCan		
CDC Coalition◎	CANTERRA SEEDS		
CDC Cowboy (F)◎	SeCan		
CDC Helgason (2)◎	SeCan		
CDC Mindon (2)◎	SeCan		
CDC Trey (2)◎	FP Genetics		
CDC YORKTON (6W)	CANTERRA SEEDS		
Champion (2)◎	Viterra		
Chigwell (6)◎	SeCan		
CONLON (2)◎	Seed Depot		
Desperado (6F)◎	Alliance Seed Corporation		
Gadsby (2)◎	SeCan		
Muskwa (6)◎	SeedNet Inc.		
Sundre (6)◎	Mastin Seeds		
TR07728 (2)◎	Viterra		
XENA (2)	Viterra		
Hulless			
CDC Carter (2)◎	SeCan		
CDC Clear (2)◎	Crop Development Centre		
CDC ExPlus (2)◎	Crop Development Centre		
CDC Lophy-I (2)	Crop Development Centre		
Taylor (2)◎	Alliance Seed Corporation		
OATS		SPRING WHEAT	
AC Morgan	SeCan	Canada Western Red Spring	
Bradley◎	SeCan	5602HR◎	Viterra
CDC Big Brown◎	SeCan	5603HR◎	Viterra
CDC Dancer◎	SeCan	5604HR CL◎	Viterra
CDC Minstrel◎	FP Genetics	AAC Bailey◎	CANTERRA SEEDS
CDC Morrison◎	FP Genetics	AAC Redwater◎	SeCan
CDC ProFi	CANTERRA SEEDS	AC Barrie◎	SeCan
CDC Seabiscuit◎	Crop Development Centre	AC Cadillac◎	FP Genetics
CDC Weaver◎	CANTERRA SEEDS	AC Domain	SeCan
Furlong◎	FP Genetics	Alvena◎	SeCan
HiFi◎	CANTERRA SEEDS	Carberry◎	SeCan
Jordan◎	Seed Depot	Cardale◎	Seed Depot
Leggett◎	CANTERRA SEEDS	CDC Abound◎	Viterra
Pinnacle◎	FP Genetics	CDC Go	Crop Development Centre
Ronald◎	FP Genetics	CDC Kernen◎	CANTERRA SEEDS
Souris◎	SeCan	CDC Plentiful◎	FP Genetics
Stainless	Seed Depot	CDC Stanley◎	Viterra
Stride◎	CANTERRA SEEDS	CDC Thrive◎	Cargill Ltd.
Summit◎	Crop Development Centre	CDC Utmost VB◎	FP Genetics
Triactor◎	Alliance Seed Corporation	CDC VR Morris◎	Viterra
		Fieldstar VB◎	SeCan
		Glenn◎	CANTERRA SEEDS
		Goodeve VB◎	Alliance Seed Corporation
		Harvest◎	FP Genetics
		Infinity◎	CANTERRA SEEDS
		KANE◎	SeCan
		Muchmore◎	FP Genetics
		Shaw VB◎	SeCan
		Somerset◎	SeCan
		Stettler◎	SeCan
		Superb◎	SeCan
		SY433◎	—
		Unity VB◎	SeCan
		Vesper VB◎	SeCan
		Waskada◎	SeCan
		WR859 CL◎	Richardson Pioneer
		Canada Prairie Spring Red	
		5700PR◎	Viterra
		5702PR◎	Viterra
		Conquer VB◎	CANTERRA SEEDS
		Enchant VB◎	FP Genetics
		SY985◎	Viterra & Richardson Pioneer
		Canada Western Extra Strong	
		Burnside	Faurschou Farms Ltd. III
		CDN Bison	Faurschou Farms Ltd. III
		Glencross VB	Faurschou Farms Ltd. III
		 MANNESSE <i>Seed</i>	
		Carberry, Glenn, Pasteur Wheat	
		Tradition, Austenson, Celebration Barley	
		Souris & Summit Oats	
		North Star Genetics Roundup Ready	
		Soybeans	
		Please Contact Ron or Graeme	
		736-2622	





WHEAT

AC® Harvest – CWRS
CDC Utmost VB – CWRS
AC® Muchmore – CWRS

BARLEY

AC® Newdale – 2 Row Malt
Tradition – 6 Row Malt
Legacy – 6 Row Malt

OATS

AC® Summit – Milling
AC® Pinnacle – Milling
AC® Leggett – Milling



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SPRING WHEAT

Canadian Western Hard White Spring

Snowbird	FP Genetics
Snowstar	SeCan
Whitehawk	SeCan
Canada Western Soft White Spring	
AC Andrew	SeCan
Sadash	SeCan
Canada Western General Purpose	
CDC NRG003	CANTERRA SEEDS
Minnedosa	SeCan
NRG010	CANTERRA SEEDS
Pasteur	SeCan
Canada Western Amber Durum	
Brigade	Viterra
CDC Verona	Alliance Seed Corporation
Enterprise	CANTERRA SEEDS
Eurostar	SeCan
Kyle	SeCan
Strongfield	SeCan
Transcend	FP Genetics

WINTER WHEAT

Canada Western Red Winter

CDC Buteo	SeCan
CDC Falcon	SeCan
CDC Harrier	SeCan
CDC Raptor	SeCan
Flourish	SeCan
McClintock	CANTERRA SEEDS
Moats	SeCan
Canada Western General Purpose	
Accipiter	SeCan
Broadview	CANTERRA SEEDS
CDC Ptarmigan	Western Ag
Peregrine	SeCan
Sunrise	Western Ag

FALL RYE

AC Remington	CANTERRA SEEDS
AC Rifle	SeCan
Hazlet	SeCan
Prima	SeCan

TRITICALE

AC Alta	Progressive Seeds Ltd.
AC Certa	Progressive Seeds Ltd.
AC Copia	FP Genetics
AC Ultima	FP Genetics
Banjo	FP Genetics
Pronghorn	Progressive Seeds Ltd.
SANDRO	FP Genetics

DISTRIBUTOR

DISTRIBUTOR	PHONE NUMBER
AAFC - Cereal Research Centre	1-204-983-5533
Alliance Seed Corporation	1-877-270-2890
CANTERRA SEEDS	1-877-439-7333
Cargill Ltd.	1-888-855-8558
Crop Development Centre.....	1-306-966-8195
Eastern Cereal Research Centre.....	1-613-759-1816
Faurschou Farms Ltd. III	1-204-857-7109
FP Genetics.....	1-877-791-1045
Mastin Seeds.....	1-403-556-2609
Progressive Seeds Ltd.	1-403-347-4925
Richardson Pioneer.....	1-204-934-5166
SeCan	1-800-665-7333
Seed Depot	1-204-825-2000
SeedNet Inc.....	1-403-485-6708
Viterra.....	1-800-565-7333
Wedge Farms.....	1-877-738-2144
Western Ag.....	1-306-978-0373



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the BioStacked® Inoculant

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Growers List



BARLEY

S=Select; F=Foundation; R=Registered; C=Certified; Indicates Plant Breeders' Rights protected. Other varieties may have PBR protection pending.

AC METCALFE

Binscarth; Cook, Murray	204-532-2239	C
Boissovain; Froese, Wesley A.J. & Ian	204-534-6846	C
Dauphin; Kaleta, James & Debra	204-638-8587	F
Decker; Murray, Donald H. & Ryan	204-764-2733	R C
Gilbert Plains; Tokar, Bob & Stoughton, Murray	204-548-2805	C
Hamota; Knight, Ronald M. & Jeff	204-764-2450	R
Oak River; Henry, Cameron & Mc Lean, Eric	204-566-2422	C
Rivers; Redspur Ent. Ltd.....	204-328-5346	C
Russell; Woroneski, Frank M.....	204-773-3262	C

BENTLEY

Boissovain; Froese, Wesley A.J. & Ian	204-534-6846	C
Decker; Murray, Donald H. & Ryan.....	204-764-2733	R C
Glenboro; Jefferies, Ron.....	204-827-2102	C
Grandview; Storey, R. Kip & Troy K.	204-546-2590	R C
Minota; Walker, Alan Glen	204-567-3647	R
Pilot Mound; Wallace, Brad & Joe	204-825-2628	C
Reston; Greig, Fred L. & Fotheringham, John A. (Jack)....	204-877-3813	C
Virden; Heaman, Douglas J., Walter, Robert & Kenneth... <td>204-748-2666</td> <td>C</td>	204-748-2666	C
Wawanesa; Ellis, Warren P. & Simon.....	204-824-2290	C

CDC AUSTENSON

Darlingford; Dudgeon, Gilbert Arthur.....	204-246-2357	C
Decker; Murray, Donald H. & Ryan.....	204-764-2733	R
Domain; Manness, Ronald & Patricia & Graeme	204-736-2622	S
Hamota; Knight, Ronald M. & Jeff	204-764-2450	C
Inglis; Jackson, Glenn & Carman	204-564-2293	C
Killarney; Brinkschulte, Hermann	204-523-7464	C
Minota; Walker, Alan Glen	204-567-3647	C
Minnedosa; Gugin, R. Craig	204-867-3411	C
Newdale; Wareham, Bruce E.....	204-849-2029	C
Oakville; Miller, Darcy Charles	204-267-2283	C
Plumas; Tonn, Todd	204-386-2206	R
St. Claude; Rouire, Roland & Guy.....	204-379-2582	C
Teulon; Kletke, Herbert T. & Helen Eva & Glenn H.....	204-886-2822	C
Warren; Riddell, Clifford Royden & Craig Thomas	204-227-5679	R

CDC CARTER

Glenella; Schmidt, Kenneth Frederick & Adrene, Lukin, Shirley	204-352-4435	F
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CDC COALITION

Rivers; Redspur Ent. Ltd.....	204-328-5346	C
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CDC COPELAND

Carman; Elias, Isaac	204-745-3301	C
Minto; Fraser, Rick G.	204-776-2047	R
Reston; Greig, Fred L. & Fotheringham, John A. (Jack)....	204-877-3813	R C
Rosburn; Mitchell, John	204-859-2431	F C
Stonewall; Unger, Ronald K. & Darcy	204-467-8630	R
Virden; Heaman, Douglas J., Walter, Robert & Kenneth... <td>204-748-2666</td> <td>C</td>	204-748-2666	C

CDC COWBOY

Binscarth; Cook, Murray	204-532-2239	C
Cromer; Bartel, Bob	204-662-4484	R
Crystal City; Buchanan, Kenneth S. & Dean K.....	204-873-2661	R C
Decker; Murray, Donald H. & Ryan.....	204-764-2733	C

CDC MEREDITH

Decker; Murray, Donald H. & Ryan.....	204-764-2733	R
Domain; Manness, Clayton & Scott & Alan	204-736-2922	R
Hamota; Knight, Ronald M. & Jeff	204-764-2450	C
Kenton; Stevenson, Richard D.O. & Douglas.....	204-838-2696	C
Minto; Fraser, Rick G.	204-776-2047	R
Oak Lake; Smith, Gerald R. & Leigh E.....	204-855-2808	C
Oak River; Henry, Cameron & Mc Lean, Eric	204-566-2422	R

CDC MINDON

Stonewall; Unger, Ronald K. & Darcy.....	204-467-8630	C
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CELEBRATION

Boissovain; Armstrong, Duncan T. & A.J.	204-534-2566	C
Boissovain; Froese, Wesley A.J. & Ian	204-534-6846	R
Darlingford; Wilson, James M.	204-246-2388	S
Dauphin; Kaleta, James & Debra	204-638-8587	C
Decker; Murray, Donald H. & Ryan.....	204-764-2733	R
Domain; Manness, Ronald & Patricia & Graeme	204-736-2622	R
Dufrost; Catellier, Patrick Raymond.....	204-347-5503	C
Glenella; Schmidt, Kenneth Frederick & Adrene, Lukin, Shirley	204-352-4435	S
Letellier; Barnabe, Roger	204-737-2000	C
Mac Gregor; Hulme, Lorne	204-685-2627	C
Manitou; Sanders, Andre O. & Daniel	204-242-2576	C
Plumas; Court, Randolph A. & Jeanine.....	204-386-2354	R
Reston; Greig, Fred L. & Fotheringham, John A. (Jack)....	204-877-3813	R C

CERVEZA

Medora; Vandaele, Vernon L.....	204-665-2384	R
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CHAMPION

Boissovain; Armstrong, Duncan T. & A.J.	204-534-2566	C
Rosser; Krym, Lynden.....	204-467-5143	C

CONLON

Darlingford; Wilson, James M.	204-246-2388	C
Glenboro; Jefferies, Ron.....	204-827-2102	C
Grosse Isle; Rutherford, Jack A. & Rick	204-467-5613	C
Killarney; Brinkschulte, Hermann	204-523-7464	C
Lowe Farm; Sawatzky, Matt	204-746-2187	C

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Notre Dame; Durand, Gabriel A. & Marc.....	204-248-2268	C
Oakville; Miller, Darcy Charles.....	204-267-2283	C
Pilot Mound; Smith, John M. & Walter George.....	204-825-2715	C
Portage; Pugh, William G. & B.M.....	204-274-2179	C
Rosenort; Friesen, Rick & Lloyd.....	204-746-8325	C
Somerset; Sierens, Joseph & Chris	204-744-2883	C
St. Anne; Dueck, Jacob Eldon, Brian J. & Ken G.	204-355-4495	C
St. Claude; Rouire, Roland & Guy.....	204-379-2582	C
Ste. Rose Du Lac; Gagnon, Arthur Donald	204-447-2118	C
Teulon; Kletke, Herbert T. & Helen Eva & Glenn H.....	204-886-2822	C
Virden; Heaman, Douglas J., Walter, Robert & Kenneth... 204-748-2666		C
Winkler; Ens, Abram E.& Christopher & Friesen, Jake	204-325-4658	C

DESPERADO©

Plumas; Tonn, Todd	204-386-2206	S F R
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LEGACY©

Boissevain; Froese, Wesley A.J. & Ian	204-534-6846	F C
Crystal City; Smith, R. Wally.....	204-873-2248	C

MERIT 57©

Boissevain; Froese, Wesley A.J. & Ian	204-534-6846
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NEWDALE©

Aubigny; Hamblin, David & Lorraine.....	204-746-4779	R
Binscarth; Pizsey, Tim V.....	204-683-2316	C
Boissevain; Armstrong, Duncan T. & A.J.	204-534-2566	C
Boissevain; Froese, Wesley A.J. & Ian	204-534-6846	C
Brandon; Wheat City Seeds Ltd.	204-727-3337	C
Crystal City; Smith, R. Wally.....	204-873-2248	C
Domain; Pitura, Carl & Calvin C.....	204-736-2849	R
Gilbert Plains; Tokar, Bob & Stoughton, Murray	204-548-2805	C
Grosse Isle; Rutherford, Jack A. & Rick	204-467-5613	C
Hamiota; Knight, Ronald M. & Jeff	204-764-2450	R C
Inglis; Jackson, Glenn & Carman	204-564-2293	R C
Kenton; Stevenson, Robert H. & Sidney H.	204-838-2012	C
Minto; Ayre, Andrew	204-776-2333	R
Oak River; Henry, Cameron & Mc Lean, Eric	204-566-2422	C
Russell; Keating, Mark.....	204-773-3854	C
Somerset; Sierens, Joseph & Chris	204-744-2883	F R
Souris; Kohut, Anton.....	204-483-2004	C
St. Anne; Dueck, Jacob Eldon, Brian J. & Ken G.	204-355-4495	C

SUNDRE©

Virden; Heaman, Douglas J., Walter, Robert & Kenneth... 204-748-2666
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TR07728©

Boissevain; Armstrong, Duncan T. & A.J.	204-534-2566	S
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TRADITION©

Altona; Sawatzky, John.....	204-324-6364	C
Arnaud; Mueller, Kristoph	204-427-2965	C
Gladstone; Milne, Wilmot George.....	204-385-2486	C

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Minto; Ayre, Andrew	204-776-2333	C
Rosser; Krym, Lynden.....	204-467-5143	S F C
Ste. Rose Du Lac; Hopfner, Dwight A.	204-447-2024	C
Winnipeg; Cloutier, Denis G.	204-275-7029	C
Winnipeg; James, David J. & Dorothy	204-222-8785	C

OATS**AC GWEN**

Glenella; Schmidt, Kenneth Frederick & Adrene, Lukin, Shirley	204-352-4435	F
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CDC BALER

Gilbert Plains; Tokar, Bob & Stoughton, Murray.....	204-548-2805	R
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CDC BIG BROWN©

Stonewall; Unger, Ronald K. & Darcy.....	204-467-8630	F R
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CDC DANCER©

Hamiota; Knight, Ronald M. & Jeff	204-764-2450	C
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FURLONG©

Mac Gregor; Hulme, Lorne.....	204-685-2627	R
Somerset; Sierens, Joseph & Chris	204-744-2883	S F
Stonewall; Unger, Ronald K. & Darcy.....	204-467-8630	R C

GEHL

Fisher Branch; Gregory, Lee R. & Adam	204-372-6720	R
Landmark; Gehrer, Uli	204-388-6009	C
Lowe Farm; Penner, Curtis.....	204-829-3556	S F

HIFI©

Pilot Mound; Seed Depot Corporation	204-825-2000	C
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JORDAN©

Dauphin; Durston, Scott L. & James A.	204-638-7623	F
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LEGGETT©

Cromer; Bartel, Patrick.....	204-662-4466	C
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PINNACLE©

Boissevain; Froese, Wesley A.J. & Ian	204-534-6846	R C
Mac Gregor; Hulme, Lorne.....	204-685-2627	R C
Rosser; Krym, Justin	204-467-5143	C
Rosser; Krym, Lynden.....	204-467-5143	S C

RONALD©

Dauphin; Durston, Scott L. & James A.	204-638-7623	R
Foxwarren; Hamilton, Frank James	204-683-2496	C
Portage; Sanderson, Garry	204-857-8406	C
Rosenort; Friesen, Rick & Lloyd.....	204-746-8325	C
Russell; Woroneski, Frank M.	204-773-3262	C
St. Joseph; Remillard, Aimie J.	204-737-2230	C
Swan River; Oberlin, Walter John & George	204-734-2292	C

SOURIS©

Altona; Froese, Gordon A.	204-324-6180	C
Arborg; Timchishen, Donald Victor	204-376-5116	C
Carman; Menold, Ulrich	204-745-2822	C
Dauphin; Fisher, Rodrick Allan & Douglas James	204-622-8800	C
Domain; Manness, Ronald & Patricia & Graeme	204-736-2622	C
Domain; Wiens, Robert Frank	204-736-2951	C
Fannystelle; Nadeau, Brian	204-436-2469	C
Glenboro; Jefferies, Ron	204-827-2102	C
Homewood; Froebe, Earl W., Bruce D. & Murray	204-745-2868	C
Killarney; Brinkschulte, Hermann	204-523-7464	C
Lowe Farm; Sawatzky, Matt	204-746-2187	C
Mac Gregor; Hulme, Lorne	204-685-2627	C

OATS

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Minto; Ayre, Andrew	204-776-2333	C
Notre Dame; Durand, Gabriel A. & Marc.....	204-248-2268	C
Pilot Mound; Seed Depot Corporation	204-825-2000	C
Pilot Mound; Smith, John M. & Walter George.....	204-825-2715	C
Plumas; Court, Randolph A. & Jeanine.....	204-386-2354	C
Portage; Pugh, William G. & B.M.....	204-274-2179	C
Rosenort; Friesen, Rick & Lloyd.....	204-746-8325	C
Sanford; Bergen, Edward Harry & Tim.....	204-736-2278	C
St. Anne; Dueck, Jacob Eldon, Brian J. & Ken G.	204-355-4495	C
St. Claude; Rouire, Roland & Guy.....	204-379-2582	C
Ste. Rose Du Lac; Gagnon, Arthur Donald	204-447-2118	C
Virden; Heaman, Douglas J., Walter, Robert & Kenneth... 204-748-2666		C
Warren; Riddell, Clifford Royden & Craig Thomas	204-227-5679	C
Wawanese; Ellis, Warren P. & Simon.....	204-824-2290	C
Winnipeg; James, David J. & Dorothy	204-222-8785	C

STRIDE

Dauphin; Ritchie, John Ross & Raymond	204-638-7543	FR
Minto; Fraser, Rick G.	204-776-2047	F
Notre Dame; Durand, Gabriel A. & Marc.....	204-248-2268	S
Stonewall; Unger, Ronald K. & Darcy.....	204-467-8630	R
Warren; Riddell, Clifford Royden & Craig Thomas	204-227-5679	S

SUMMIT

Boissevain; Froese, Wesley A.J. & Ian	204-534-6846	C
Crystal City; Smith, R. Wally.....	204-873-2248	C
Domain; Manness, Ronald & Patricia & Graeme	204-736-2622	C
Domain; Pitura, Carl & Calvin C.	204-736-2849	S
Fannystelle; Nadeau, Brian	204-436-2469	C
Gladstone; Milne, Wilmet George.....	204-385-2486	C
Glenella; Schmidt, Kenneth Frederick & Adriene, Lukin, Shirley 204-352-4435	S F	
Grosse Isle; Rutherford, Jack A. & Rick	204-467-5613	C

OATS

S=Select; F=Foundation; R=Registered; C=Certified;  Indicates Plant Breeders' Rights protected. Other varieties may have PBR protection pending.

Oak River; Henry, Cameron & Mc Lean, Eric	204-566-2422	C
Oakville; Miller, Darcy Charles	204-267-2283	C
Reston; Greig, Fred L. & Fotheringham, John A. (Jack)....	204-877-3813	C
St. Anne; Dueck, Jacob Eldon, Brian J. & Ken G.	204-355-4495	C
Swan River; Alford, Wayne G.	204-734-2526	C
Winnipeg; James, David J. & Dorothy	204-222-8785	C

TRIACTOR

Dauphin; Kaleta, James & Debra	204-638-8587	R
Decker; Murray, Donald H. & Ryan.....	204-764-2733	C
Fannystelle; Nadeau, Brian	204-436-2469	C
Grandview; Storey, R. Kip & Troy K.	204-546-2590	C
Mac Gregor; Hulme, Lorne.....	204-685-2627	C
Minota; Walker, Alan Glen	204-567-3647	C
Morris; Dueck , Arthur	204-746-2026	C
Oak River; Henry, Cameron & Mc Lean, Eric	204-566-2422	C
Oakville; Miller, Darcy Charles	204-267-2283	C
Plumas; Court, Randolph A. & Jeanine.....	204-386-2354	C
Reston; Greig, Fred L. & Fotheringham, John A. (Jack)....	204-877-3813	R C
Rosenort; Friesen, Rick & Lloyd.....	204-746-8325	C
Stonewall; Unger, Ronald K. & Darcy.....	204-467-8630	C
Virden; Heaman, Douglas J., Walter, Robert & Kenneth... 204-748-2666		C

SPRING WHEAT

5602HR

Boissevain; Armstrong, Duncan T. & A.J.	204-534-2566	C
Plum Coulee; Janzen, Ken & Ernie A.	204-829-7749	R
Regina; Viterra.....	306-569-5027	R C
Rosser; Krym, Lynden.....	204-467-5143	S

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5603HR

Brandon; Kowall, Robert.....	204-728-2605	R
Gilbert Plains; Tokar, Bob & Stoughton, Murray.....	204-548-2805	C
Oak River; Henry, Cameron & Mc Lean, Eric.....	204-566-2422	C
Regina; Viterra.....	306-569-5027	S F R C
Sanford; Bergen, Edward Harry & Tim.....	204-736-2278	S

5604HR CL

Boissevain; Armstrong, Duncan T. & A.J.	204-534-2566	C
Regina; Viterra.....	306-569-5027	S F R C

AC ANDREW

Kenton; Stevenson, Robert H. & Sidney H.	204-838-2012	C
Minota; Walker, Alan Glen	204-567-3647	C

AC BARRIE

Altona; Sawatzky, John.....	204-324-6364	C
Binscarth; Cook, Gerry.....	204-532-2268	C
Binscarth; Pizsey, Tim V.....	204-683-2316	C
Boissevain; Froese, Wesley A.J. & Ian	204-534-6846	C
Dauphin; Durston, Scott L. & James A.....	204-638-7623	C
Foxwarren; Hamilton, Frank James	204-683-2496	C
Homewood; Froebe, Earl W., Bruce D. & Murray	204-745-2868	C
Minto; Fraser, Rick G.	204-776-2047	R
Portage; Askin, Raymond T. & Jeffrey S.....	204-274-2417	C
Portage; Pugh, William G. & B.M.....	204-274-2179	F C
Ste. Rose Du Lac; Gagnon, Arthur Donald	204-447-2118	C

AC CADILLAC

Cromer; Bartel, Patrick	204-662-4466	C
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ASSOCIATION

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AC DOMAIN

Altona; Froese, Gordon A.....	204-324-6180	C
Altona; Wiebe, Henry D. & Lloyd	204-324-8036	C
Arborg; Timchishen, Donald Victor	204-376-5116	C
Darlingford; Dudgeon, Gilbert Arthur	204-246-2357	C
Darlingford; Wilson, James M.	204-246-2388	C
Dauphin; Ritchie, John Ross & Raymond	204-638-7543	C
Gilbert Plains; Tokar, Bob & Stoughton, Murray	204-548-2805	C
Hamiota; Knight, Ronald M. & Jeff	204-764-2450	C
Kenville; Carmichael, John A.	204-734-3913	F C
Pilot Mound; Wallace, Brad & Joe	204-825-2628	C
Plum Coulee; Janzen, Ken & Ernie A.	204-829-7749	S F
Russell; Woroneski, Frank M.	204-773-3262	F R
Swan River; Oberlin, Walter John & George.....	204-734-2292	C

AC INTREPID

Plumas; Court, Randolph A. & Jeanine.....	204-386-2354	C
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AC SPLENDOR

Kenville; Carmichael, John A.	204-734-3913	C
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CARBERRY

Altona; Froese, Gordon A.....	204-324-6180	C
Altona; Sawatsky, Joni.....	204-324-6140	C
Altona; Wiebe, Henry D. & Lloyd	204-324-8036	F R
Arborg; Timchishen, Donald Victor	204-376-5116	R C
Baldur; Desrochers, David Oscar	204-535-2090	R C
Binscarth; Pizsey, Tim V.	204-683-2316	R C
Boissevain; Armstrong, Duncan T. & A.J.	204-534-2566	C
Boissevain; Froese, Wesley A.J. & Ian	204-534-6846	R C
Boissevain; Latimer, Kevin B. & Duane E.	204-534-6631	C
Boissevain; Martens, Ben F. & John J. & Ryan	204-534-6952	F R
Boissevain; Peters, Scott.....	204-534-6692	C
Brandon; Martens, David.....	204-728-5510	C
Brandon; Wheat City Seeds Ltd.	204-727-3337	C
Brandon; Whetter, Rodney & Darren	204-727-0045	S F R
Carman; Elias, Isaac	204-745-3301	C
Carman; Mc Cutcheon, Shawn Milton	204-745-3245	R
Carman; Menold, Thomas	204-745-3377	C
Crandall; Doupe, Neil D.	204-562-3632	C
Cromer; Bartel, Bob	204-662-4484	R
Crystal City; Buchanan, Kenneth S. & Dean K.	204-873-2661	C
Crystal City; Fallis, J. Allan & Mark A.	204-873-2305	R
Crystal City; Smith, R. Wally	204-873-2248	R
Darlingford; Dudgeon, Gilbert Arthur	204-246-2357	C
Darlingford; Wilson, James M.	204-246-2388	C
Dauphin; Fisher, Roderick Allan & Douglas James	204-622-8800	R C
Dauphin; Kaleda, James & Debra	204-638-8587	C
Dauphin; Ritchie, John Ross & Raymond	204-638-7543	R
Decker; Murray, Donald H. & Ryan	204-764-2733	C
Deloraine; Bolduc, Ronald And Bell, A.J. & J.C.	204-747-2913	C
Domain; Manness, Clayton & Scott & Alan	204-736-2922	C
Domain; Manness, Ronald & Patricia & Graeme	204-736-2622	C
Domain; Pitura, Carl & Calvin C.	204-736-2849	S F R
Domain; Wiens, Robert Frank	204-736-2951	F R
Dufrost; Catellier, Guy R.	204-347-5534	C
Dufrost; Catellier, Patrick Raymond	204-347-5503	C
Elie; Lachance, J.B. Adrien & Paul M. & Lionel	204-353-2694	C
Elm Creek; Runne, James Armin	204-745-0145	C
Elphinstone; Gerrard, Jody	204-759-2213	C
Fannystelle; Nadeau, Brian	204-436-2469	C
Foxwarren; Falloon, Larry	204-683-2247	C
Gilbert Plains; Tokar, Bob & Stoughton, Murray	204-548-2805	C
Gladstone; Milne, Wilmot George	204-385-2486	C
Glenella; Schmid, Kenneth Frederick & Adrene, Lukin, Shirley	204-352-4435	F
Grandview; Elliott, Jeff	204-546-3075	C
Grandview; Storey, R. Kip & Troy K.	204-546-2590	C
Grosse Isle; Rutherford, Jack A. & Rick	204-467-5613	C
Hazelridge; Saramaga, Robert P. & Andrew	204-755-2817	S R C
Holland; Vigar, Murray & Gary	204-526-2108	C
Holland; Zegher, Donald Edmond	204-526-2145	C
Homewood; Froebe, Earl W., Bruce D. & Murray	204-745-2868	C
Kenton; Stevenson, Richard D.O. & Douglas	204-838-2696	C

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Kenville; Carmichael, John A.....	204-734-3913	R
Killarney; Brinkschulte, Hermann	204-523-7464	C
Killarney; Chatham, Don & Linda	204-523-8412	C
Lowe Farm; Penner, Curtis.....	204-829-3556	S F R
Mac Gregor; Hulme, Lorne.....	204-685-2627	R C
Manitou; Sanders, Andre O. & Daniel	204-242-2576	S F R
Minota; Walker, Alan Glen	204-567-3647	R C
Minto; Ayre, Andrew	204-776-2333	C
Minto; Fraser, A. Jay C.	204-776-7722	R
Minto; Fraser, Rick G.	204-776-2047	R
Morden; Park, Robert J.....	204-745-0088	C
Morris; Hamblin, Donald & Bradley	204-746-8233	C
Morris; Pauls, John W. & Anna	204-736-4234	C
Newdale; Wareham, Bruce E.....	204-849-2029	C
Notre Dame; Durand, Gabriel A. & Marc	204-248-2268	R C
Notre Dame; Durand, Leo	204-248-2372	R C
Notre Dame; Vigier, Gerald R. & Marc N.....	204-248-2384	S
Oak Lake; Smith, Gerald R.& Leigh E.....	204-855-2808	C
Oak River; Henry, Cameron & Mc Lean, Eric	204-566-2422	C
Oakville; Miller, Darcy Charles	204-267-2283	C
Pilot Mound; Cavers, Landon	204-825-2012	C
Pilot Mound; Wallace, Brad & Joe	204-825-2628	R
Plumas; Court, Randolph A. & Jeanine.....	204-386-2354	S C
Plumas; Tonn, Todd	204-386-2206	S F C
Portage; Askin, Raymond T. & Jeffrey S.....	204-274-2417	S F R C
Portage; Moorhouse, James.R., Scott & Brown, Alan.....	204-857-8274	S F
Portage; Pugh, William G.& B.M.....	204-274-2179	C
Portage; Sanderson, Garry	204-857-8406	R
Portage; Sissons, Grant G., Donald Angus & Blye	204-857-7341	S F R
Reston; Greig, Fred L. & Fotheringham, John A. (Jack)....	204-877-3813	R C
Rivers; Krahn, Abe M., Ronald J. & Robert A.	204-328-7189	S R
Rivers; Redspur Ent. Ltd.....	204-328-5346	C
Rosenort; Friesen, Rick & Lloyd.....	204-746-8325	S F R C

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Rosser; Krym, Lynden.....	204-467-5143	R
Russell; Keating, Mark.....	204-773-3854	C
Sanford; Bergen, Edward Harry & Tim.....	204-736-2278	S F R
Somerset; Sierens, Joseph & Chris	204-744-2883	S F R
Somerset; Van Deynze, Marc	204-744-2384	R
Souris; Kohut, Anton.....	204-483-2004	C
Springstein; Wiebe, David & Kurt	204-735-2750	C
St. Anne; Dueck, Jacob Eldon, Brian J. & Ken G.	204-355-4495	C
St. Joseph; Parent, Renald & Paul	204-737-2625	R
St. Joseph; Remillard, Aime J.	204-737-2230	R
St. Leon; Labossiere, Luc N. & Rejean F.....	204-744-2208	S F C
Ste. Rose Du Lac; Gagnon, Arthur Donald	204-447-2118	F R C
Stonewall; Unger, Ronald K. & Darcy.....	204-467-8630	F C
Swan River; Alford, Wayne G.	204-734-2526	C
Swan River; Oberlin, Walter John & George.....	204-734-2292	R
Treherne; Stinson, Gary Donald.....	204-723-2319	C
Warren; Riddell, Clifford Royden & Craig Thomas	204-227-5679	R
Wawanese; Ellis, Warren P. & Simon.....	204-824-2290	C
Winkler; Ens, Abram E.& Christopher & Friesen, Jake	204-325-4658	C
Winnipeg; James, David J. & Dorothy	204-222-8785	C

CARDALE©

Crystal City; Smith, R. Wally.....	204-873-2248	S F
Domain; Wiens, Robert Frank	204-736-2951	R
Homewood; Froebe, Earl W., Bruce D. & Murray	204-745-2868	S R
Pilot Mound; Seed Depot Corporation	204-825-2000	S F R
Pilot Mound; Smith, John M. & Walter George	204-825-2715	F
Plumas; Court, Randolph A. & Jeanine.....	204-386-2354	F
Portage; Pugh, William G. & B.M.....	204-274-2179	S
Rosenort; Friesen, Rick & Lloyd.....	204-746-8325	R
Somerset; Sierens, Joseph & Chris	204-744-2883	S F
Warren; Riddell, Clifford Royden & Craig Thomas	204-227-5679	S R
Winkler; Ens, Abram E.& Christopher & Friesen, Jake	204-325-4658	R



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Boissevain; Froese, Wesley A.J. & Ian	204-534-6846	C
Brandon; Martens, David	204-728-5510	S C
Carman; Menold, Ulrich	204-745-2822	S C
Kenton; Stevenson, Robert H. & Sidney H.	204-838-2012	C
Killarney; Brinkschulte, Hermann	204-523-7464	C
Minto; Fraser, Rick G.	204-776-2047	C
Morris; Friesen, Lonnie	204-746-6632	C
Plumas; Court, Randolph A. & Jeanine	204-386-2354	C

CDC KERNEN©

Domain; Manness, Ronald & Patricia & Graeme	204-736-2622	C
Pilot Mound; Wallace, Brad & Joe	204-825-2628	R C
Rivers; Redspur Ent. Ltd.	204-328-5346	C

CDC PLENTIFUL©

Domain; Manness, Ronald & Patricia & Graeme	204-736-2622	S
Oak River; Henry, Cameron & Mc Lean, Eric	204-566-2422	S
Swan River; Alford, Wayne G.	204-734-2526	S

CDC STANLEY©

Gilbert Plains; Tokar, Bob & Stoughton, Murray	204-548-2805	C
Regina; Viterra	306-569-5027	S F R C

CDC THRIVE©

Swan River; Oberlin, Walter John & George	204-734-2292	C
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CDC UTMOST VB©

Binscarth; Pizsey, Tim V.	204-683-2316	
Boissevain; Froese, Wesley A.J. & Ian	204-534-6846	
Brandon; Wheat City Seeds Ltd.	204-727-3337	
Gilbert Plains; Tokar, Bob & Stoughton, Murray	204-548-2805	
Grandview; Storey, R. Kip & Troy K.	204-546-2590	
Hamiota; Knight, Ronald M. & Jeff	204-764-2450	
Inglis; Jackson, Glenn & Carman	204-564-2293	
Kenton; Stevenson, Robert H. & Sidney H.	204-838-2012	
Killarney; Brinkschulte, Hermann	204-523-7464	
Oak River; Henry, Cameron & Mc Lean, Eric	204-566-2422	
Russell; Keating, Mark	204-773-3854	
Russell; Woroneski, Frank M.	204-773-3262	
Somerset; Sierens, Joseph & Chris	204-744-2883	
Swan River; Alford, Wayne G.	204-734-2526	

CDC VR MORRIS©

Regina; Viterra	306-569-5027	S
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CDC ZORBA

Glenella; Schmidt, Kenneth Frederick & Adriene, Lukin, Shirley	204-352-4435	F
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CDN BISON

Portage; Faurschou, David	204-857-7109	C
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FIELDSTAR VB©

Binscarth; Cook, Murray	204-532-2239	
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GLENN©

Boissevain; Armstrong, Duncan T. & A.J.	204-534-2566	C
Boissevain; Froese, Wesley A.J. & Ian	204-534-6846	C
Boissevain; Peters, Scott	204-534-6692	C
Crandall; Doupe, Neil D.	204-562-3632	C
Darlingford; Wilson, James M.	204-246-2388	C
Dauphin; Kaleta, James & Debra	204-638-8587	C
Decker; Murray, Donald H. & Ryan	204-764-2733	C
Domain; Pitura, Carl & Calvin C.	204-736-2849	C
Dufrost; Catellier, Patrick Raymond	204-347-5503	C
Fannystelle; Nadeau, Brian	204-436-2469	C
Glenboro; Jefferies, Ron	204-827-2102	C
Grandview; Storey, R. Kip & Troy K.	204-546-2590	C
Grosse Isle; Rutherford, Jack A. & Rick	204-467-5613	C
Hazelridge; Saramaga, Robert P. & Andrew	204-755-2817	C
Holland; Zeghers, Donald Edmond	204-526-2145	C
Killarney; Brinkschulte, Hermann	204-523-7464	C

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Mac Gregor; Hulme, Lorne..... 204-685-2627 C

Oak River; Henry, Cameron & Mc Lean, Eric 204-566-2422 C

Pilot Mound; Wallace, Brad & Joe 204-825-2628 C

Plumas; Court, Randolph A. & Jeanine 204-386-2354 C

Portage; Munro, Clarke Allan & Jared Cory & Trevor Clarke. 204-857-8272 C

Portage; Siemons, Grant G., Donald Angus & Blye 204-857-7341 C

Reston; Greig, Fred L. & Fotheringham, John A. (Jack).... 204-877-3813 C

Rivers; Redspur Ent. Ltd..... 204-328-5346 C

Rosenort; Friesen, Rick & Lloyd 204-746-8325 C

Somerset; Sierens, Joseph & Chris 204-744-2883 C

St. Anne; Dueck, Jacob Eldon, Brian J. & Ken G. 204-355-4495 C

St. Claude; Rouire, Roland & Guy 204-379-2582 C

St. Joseph; Parent, Renald & Paul 204-737-2625 C

Virden; Heaman, Douglas J., Walter, Robert & Kenneth... 204-748-2666 C

Winkler; Ens, Abram E. & Christopher & Friesen, Jake 204-325-4658 C

GOODEVE VB©

Elphinstone; Gerrard, Jody 204-759-2213

Winnipeg; Alliance Seed Corporation..... 204-272-2890

HARVEST©

Baldur; Desrochers, David Oscar 204-535-2090 R

Boissevain; Armstrong, Duncan T. & A.J. 204-534-2566 R

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Boissevain; Peters, Scott 204-534-6692 C

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Crystal City; Smith, R. Wally 204-873-2248 C

Gilbert Plains; Tokar, Bob & Stoughton, Murray 204-548-2805 C

Grandview; Elliott, Jeff 204-546-3075 C

Grandview; Storey, R. Kip & Troy K. 204-546-2590 S R C

Hamiota; Knight, Ronald M. & Jeff 204-764-2450 C

Holland; Zeghers, Donald Edmond 204-526-2145 R C

Inglis; Jackson, Glenn & Carman 204-564-2293 R C

Killarney; Brinkschulte, Hermann 204-523-7464 C

Killarney; Chatham, Don & Linda 204-523-8412 R C

Minto; Ayre, Andrew 204-776-2333 C

Newdale; Wareham, Bruce E 204-849-2029 C

Oak River; Henry, Cameron & Mc Lean, Eric 204-566-2422 C

Russell; Keating, Mark 204-773-3854 C

Russell; Woroneski, Frank M. 204-773-3262 R

Somerset; Sierens, Joseph & Chris 204-744-2883 S F R C

Souris; Kohut, Anton 204-483-2004 R

Souris; Kohut, David Anton 204-483-3063 R

St. Claude; Rouire, Roland & Guy 204-379-2582 C

Swan River; Alford, Wayne G. 204-734-2526 S C

INFINITY©

Grandview; Storey, R. Kip & Troy K. 204-546-2590 C

KANE©

Boissevain; Latimer, Kevin B. & Duane E. 204-534-6631 C

Carman; Elias, Isaac 204-745-3301 C

Dauphin; Durston, Scott L. & James A. 204-638-7623 S C

East Selkirk; Kuzminski, John William 204-482-3813 C

Holland; Marginet , Reginald 204-526-2544 R C

Holland; Patenaude, Donald & Robert 204-526-2391 C

Killarney; Brinkschulte, Hermann 204-523-7464 C

Killarney; Chatham, Don & Linda 204-523-8412 C

La Salle; Wiens, Edward & Ernie 204-736-2646 C

Mac Gregor; Hulme, Lorne 204-685-2627 S F R

Manitou; Hiebert, Robert J. 204-242-3040 R

Miniot; Walker, Alan Glen 204-567-3647 C

Morris; Hamblin, Donald & Bradley 204-746-8233 C

Newdale; Wareham, Bruce E 204-849-2029 C

Oak River; Henry, Cameron & Mc Lean, Eric 204-566-2422 C

Plumas; Court, Randolph A. & Jeanine 204-386-2354 C

Plumas; Tonn, Todd 204-386-2206 S F R

Portage; Askin, Raymond T. & Jeffrey S. 204-274-2417 C

Portage; Moorhouse, James.R., Scott & Brown, Alan.... 204-857-8274 R

Portage; Pugh, William G. & B.M. 204-274-2179 C

Portage; Sanderson, Garry 204-857-8406 R

Portage; Siemons, Grant G., Donald Angus & Blye 204-857-7341 F R

St. Anne; Dueck, Jacob Eldon, Brian J. & Ken G. 204-355-4495 C

St. Leon; Labossiere, Luc N. & Rejean F. 204-744-2208 C

Ste. Rose Du Lac; Gagnon, Arthur Donald 204-447-2118 C

Stonewall; Unger, Ronald K. & Darcy 204-467-8630 C

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Cromer; Bartel, Patrick	204-662-4466	C
Gilbert Plains; Tokar, Bob & Stoughton, Murray	204-548-2805	R
Grandview; Elliott, Jeff	204-546-3075	C
Hamiota; Knight, Ronald M. & Jeff	204-764-2450	F
Killarney; Brinkschulte, Hermann	204-523-7464	C
Killarney; Chatham, Don & Linda	204-523-8412	C
Plumas; Court, Randolph A. & Jeanine	204-386-2354	R
Russell; Keating, Mark	204-773-3854	C
Somerset; Sierens, Joseph & Chris	204-744-2883	C
Souris; Kohut, David Anton	204-483-3063	R
Swan River; Alford, Wayne G.	204-734-2526	S C

PASTEUR

Boissevain; Froese, Wesley A.J. & Ian	204-534-6846	C
Brandon; Wheat City Seeds Ltd.	204-727-3337	R C
Brandon; Whetter, Rodney & Darren	204-727-0045	S R
Crandall; Doupe, Neil D.	204-562-3632	C
Decker; Murray, Donald H. & Ryan	204-764-2733	C
Deloraine; Bolduc, Ronald And Bell, A.J. & J.C.	204-747-2913	C
Domain; Manness, Ronald & Patricia & Graeme	204-736-2622	F C
Dufrost; Catellier, Patrick & Guy	204-347-5588	C
Glenella; Schmidt, Kenneth Frederick & Adrene, Lukin, Shirley	204-352-4435	F
Holland; Patenaude, Donald & Robert	204-526-2391	C
Kenton; Stevenson, Robert H. & Sidney H.	204-838-2012	R
Killarney; Brinkschulte, Hermann	204-523-7464	C
Mac Gregor; Hulme, Lorne	204-685-2627	C
Minto; Ayre, Andrew	204-776-2333	C
Morden; Park, Robert J.	204-745-0088	R
Oak Bluff; Gousseau, Marcel E.	204-895-1357	R
Oak River; Henry, Cameron & Mc Lean, Eric	204-566-2422	C

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Oakville; Miller, Darcy Charles	204-267-2283	C
Portage; Askin, Raymond T. & Jeffrey S.	204-274-2417	C
Portage; Yuill, Kevin A.	204-857-8708	R C
Rivers; Redisper Ent. Ltd.	204-328-5346	C
Russell; Keating, Mark	204-773-3854	C
Sanford; Bergen, Edward Harry & Tim	204-736-2278	R
Souris; Kohut, David Anton	204-483-3063	C
St. Anne; Dueck, Jacob Eldon, Brian J. & Ken G.	204-355-4495	C
Warren; Riddell, Clifford Royden & Craig Thomas	204-227-5679	C
Wawanese; Ellis, Warren P. & Simon	204-824-2290	C
Winkler; Ens, Abram E. & Christopher & Friesen, Jake	204-325-4658	C
Winnipeg; James, David J. & Dorothy	204-222-8785	C

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Domain; Pitura, Carl & Calvin C.	204-736-2849	C
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Holland; Zeghers, Donald Edmond	204-526-2145	C
Morris; Hamblin, Lorne & Christine	204-746-6403	S R C
Rosser; Krym, Lynden	204-467-5143	S R C

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Crystal City; Fallis, J. Allan & Mark A.	204-873-2305	C
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 Boissevain; Froese, Wesley A.J. & Ian 204-534-6846
 Boissevain; Martens, Ben F. & John J. & Ryan 204-534-6952
 Boissevain; Peters, Scott 204-534-6692
 Foxwarren; Falloon, Larry 204-683-2247
 Foxwarren; Graham, George Arthur 204-683-2367
 Solsgirth; Nickel, James D. & John H. & Kevin J. & J.Gordon 204-842-3786
 Virden; Heaman, Douglas J., Walter, Robert & Kenneth... 204-748-2666

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 Binscarth; Cook, Murray 204-532-2239
 Boissevain; Froese, Wesley A.J. & Ian 204-534-6846
 Carman; Mc Cutcheon, Shawn Milton 204-745-3245
 Crandall; Doupe, Neil D. 204-562-3632 R
 Foxwarren; Falloon, Larry 204-683-2247
 Foxwarren; Graham, George Arthur 204-683-2367 S
 Foxwarren; Hamilton, Frank James 204-683-2496
 Glenboro; Jefferies, Ron 204-827-2102
 Mather; Mc Lennan, Donald D. 204-529-2372
 Minto; Fraser, Rick G. 204-776-2047
 Oak River; Henry, Cameron & Mc Lean, Eric 204-566-2422
 Pilot Mound; Wallace, Brad & Joe 204-825-2628
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 Kanata; SeCan Association 613-592-8600 F C
 Kenton; Stevenson, Richard D.O. & Douglas 204-838-2696 F C
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Boissevain; Froese, Wesley A.J. & Ian 204-534-6846 R
 Glenella; Schmidt, Kenneth Frederick & Adrene, Lukin, Shirley 204-352-4435 C
 Plumas; Tonn, Todd 204-386-2206 C
 Virden; Heaman, Douglas J., Walter, Robert & Kenneth... 204-748-2666 C

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 Mac Gregor; Hulme, Lorne 204-685-2627 R
 Miniota; Walker, Alan Glen 204-567-3647 C
 Oakville; Miller, Darcy Charles 204-267-2283 R
 Reston; Greig, Fred L. & Fotheringham, John A. (Jack)... 204-877-3813 R

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 Dauphin; Fisher, Roderick Allan & Douglas James 204-622-8800 C
 Dauphin; Kaleta, James & Debra 204-638-8587 C
 Gilbert Plains; Tokar, Bob & Stoughton, Murray 204-548-2805 C
 Glenella; Schmidt, Kenneth Frederick & Adrene, Lukin, Shirley 204-352-4435 F
 Minto; Ayre, Andrew 204-776-2333 C
 Plumas; Court, Randolph A. & Jeanine 204-386-2354 C
 Rivers; Redspur Ent. Ltd. 204-328-5346 C
 Virden; Heaman, Douglas J., Walter, Robert & Kenneth... 204-748-2666 R C

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 Altona; Sawatzky, John 204-324-6364 C
 Altona; Wiebe, Henry D. & Lloyd 204-324-8036 C
 Arborg; Timchisen, Donald Victor 204-376-5116 C
 Aubigny; Hamblin, David & Lorraine 204-746-4779 C
 Boissevain; Armstrong, Duncan T. & A.J. 204-534-2566 C
 Boissevain; Peters, Scott 204-534-6692 C
 Brandon; Whetter, Rodney & Darren 204-727-0045 F R C
 Carman; Dyck, Ron A. 204-745-3415 R
 Crystal City; Smith, R. Wally 204-873-2248 R
 Darlingford; Wilson, James M. 204-246-2388 C
 Domain; Manness, Ronald & Patricia & Graeme 204-736-2622 C
 Domain; Pitura, Carl & Calvin C. 204-736-2849 C
 Elm Creek; Runne, James Armin 204-745-0145 C
 Glenboro; Jefferies, Ron 204-827-2102 C
 Grosse Isle; Rutherford, Jack A. & Rick 204-467-5613 R
 Hazelridge; Saramaga, Robert P. & Andrew 204-755-2817 C
 Holland; Zeghers, Donald Edmond 204-526-2145 C
 Killarney; Brinkschulte, Hermann 204-523-7464 C
 Killarney; Chatham, Don & Linda 204-523-8412 C
 Lowe Farm; Sawatzky, Matt 204-746-2187 C
 Mac Gregor; Sims, Curtis Edwin 204-685-2237 R C
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 Minto; Fraser, Rick G. 204-776-2047 C
 Morden; Park, Robert J. 204-745-0088 C
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 Pilot Mound; Wallace, Brad & Joe 204-825-2628 C
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Reston; Greig, Fred L. & Fotheringham, John A. (Jack)	204-877-3813	C
Rosenort; Friesen, Rick & Lloyd	204-746-8325	C
Rosser; Mulligan, Kenneth	204-322-5373	R
Sanford; Bergen, Edward Harry & Tim	204-736-2278	C
Sanford; Schlichting, Martin	204-736-4068	C
Somerset; Sierens, Joseph & Chris	204-744-2883	C
Somerset; Van Deynze, Marc	204-744-2384	C
St. Joseph; Parent, Renald & Paul	204-737-2625	R
Stonewall; Unger, Ronald K. & Darcy	204-467-8630	R C
Warren; Riddell, Clifford Royden & Craig Thomas	204-227-5679	C
Winnipeg; James, David J. & Dorothy	204-222-8785	C

CDC PTARMIGAN

Killarney; Brinkschulte, Hermann	204-523-7464	C
Minto; Fraser, Rick G.	204-776-2047	S F
Rapid City; Nevin, William Ryan & Schram, Brent S.	204-826-2587	C

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Brandon; Whetter, Rodney & Darren	204-727-0045	S F
Crystal City; Smith, R. Wally	204-873-2248	F
Darlingford; Wilson, James M.	204-246-2388	S FR
Dauphin; Fisher, Roderick Allan & Douglas James	204-622-8800	F
Domain; Manness, Ronald & Patricia & Graeme	204-736-2622	S FR
Dufrost; Catellier, Patrick Raymond	204-347-5503	R
Glenboro; Jefferies, Ron	204-827-2102	F
Glenella; Schmidt, Kenneth Frederick & Adrene, Lukin, Shirley	204-352-4435	S F
Grosse Isle; Rutherford, Jack A. & Rick	204-467-5613	F
Hazelridge; Saramaga, Robert P. & Andrew	204-755-2817	S
Holland; Zeghers, Donald Edmond	204-526-2145	S R
Lowe Farm; Penner, Curtis	204-829-3556	S FR
Mac Gregor; Sims, Curtis Edwin	204-685-2237	R
Minto; Fraser, A. Jay C.	204-776-7722	F
Minto; Fraser, Rick G.	204-776-2047	C
Morris; Hamblin, Lorne & Christine	204-746-6403	S F
Notre Dame; Durand, Gabriel A. & Marc	204-248-2268	F
Oak River; Henry, Cameron & Mc Lean, Eric	204-566-2422	F
Oakville; Miller, Darcy Charles	204-267-2283	R
Plumas; Court, Randolph A. & Jeanine	204-386-2354	FR
Reston; Greig, Fred L. & Fotheringham, John A. (Jack)	204-877-3813	F
Rosser; Friesen, Rick & Lloyd	204-746-8325	R
Rosser; Krym, Lynden	204-467-5143	S R
Sanford; Bergen, Edward Harry & Tim	204-736-2278	S R
Somerset; Van Deynze, Marc	204-744-2384	R
St. Joseph; Parent, Renald & Paul	204-737-2625	FR
Stonewall; Unger, Ronald K. & Darcy	204-467-8630	R
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SUNRISE

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Minto; Fraser, Rick G.	204-776-2047	S FR

FALL RYE

DANKO

Boissevain; Froese, Wesley A.J. & Ian	204-534-6846	S R C
Souris; Kohut, Anton	204-483-2004	C
Souris; Kohut, David Anton	204-483-3063	S F C

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Boissevain; Froese, Wesley A.J. & Ian	204-534-6846	C
Dauphin; Durston, Scott L. & James A.	204-638-7623	S F C
Glenella; Schmidt, Kenneth Frederick & Adrene, Lukin, Shirley	204-352-4435	F
Holland; Patenaude, Donald & Robert	204-526-2391	C
Holland; Zeghers, Donald Edmond	204-526-2145	S C
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Variety Description Key

A "CHECK CHARACTERISTICS" box has been placed at the bottom of each table, to display the long term yield, # of site years, maturity and any other check attributes.

Except for long term average yield, variety description information was obtained from the Co-operative Registration Trials.

"Resistance to" ratings: HS = highly susceptible; S = susceptible; MS = moderately susceptible; MR = moderately resistant; R = resistant; n/a = not available.

Site Years Tested is the cumulative number of locations over the years that a variety has been tested against the check variety. The more site years, the more dependable the data.

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Key to 2012 Yield Tables

Yields derived over 2 or more growing seasons are the best indicator of variety performance. For new varieties, "2012 Average Yield" over all sites is more reliable than data from a single location. Use single site year data with caution.

CV % = Coefficient of Variation. A measure of random variation in a trial. A low CV is desirable.

LSD = Least Significant Difference. Varieties must differ by the LSD to be considered significantly different from one another.

Sign Diff = Significant Difference. Indicates if a real difference exists between varieties at an individual site.

Canola Comments

For specific notes regarding the canola tables, refer to the CANOLA COMMENTS at the top of page 53.

Soybean Comments

For specific notes regarding the soybean tables, refer to the SOYBEAN COMMENTS at the top of page 64.

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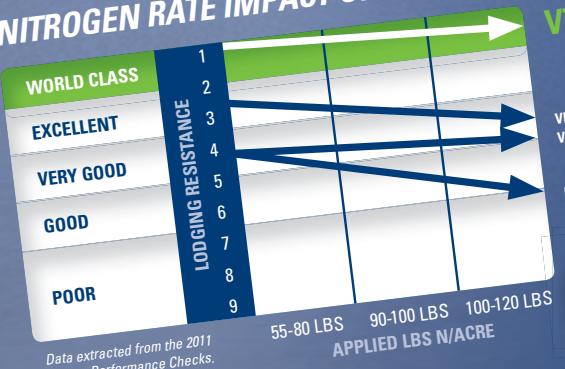
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Manitoba Agriculture, Food and Rural Initiatives Variety Guide

CANOLA

Canola Comments

The Variety Descriptions table summarizes the performance of canola varieties that will be available for planting in spring 2013. The post-registration Canola Performance Trial (CPT) was designed to be more reflective of field practices. This includes the use of the appropriate herbicide products matching herbicide tolerant (HT) varieties.

The CPT information within *Seed Manitoba* 2013 and on-line, provides both data sources which have been reviewed through a protocol and data audit process. The data presented was collected based on a specific scientifically designed protocol to ensure comparisons are unbiased. Detailed notes on other variety attributes and trial management are at www.canolaperformancetrials.ca

Performance at individual locations can be compared within the HT group and between groups, but the best performance indicator is to compare varieties over multiple sites. This also includes comparing performance of small plot trials with field scale trial results. The trial design included grouping by herbicide tolerance so the LSD (Least Significant Difference) has been included for each HT group to determine if yield difference between varieties are significant. Using the compassions of the yield performance to the standard 73-75RR that is included in all small plot and field scale trials, comparisons can be made between HT groups and between small plot and field scale trials.

Data Sources

Data presentation in the long and mid season canola growing zones trials table (page 54, 56) was collected from small plot, replicated trials, that are typically less than 1/4 acre in size. Varieties have been entered by the representative marketing company for testing.

Field scale trials range (page 54, 58) from 0.5 to 1.5 acres in size and are managed by growers using their typical production practices. The trials are planted, swathed, harvested, and in some cases sprayed by growers using the respective herbicide systems according to established protocols. The performance results presented are those varieties that were also included in the testing under small plot, replicated trials.

Blackleg Rating for Canola

The rating represents a variety's blackleg tolerance relative to the highly susceptible variety Westar. Varieties with a resistant (R) or moderately resistant (MR) rating for blackleg have shown the greatest ability to suppress blackleg incidence and severity, but can still develop some lesions or cankers. Individual field performance and tolerance may vary from tolerance levels reported in the registration trials. In fields showing higher than expected levels of blackleg or where there has been history of a tight rotation with canola, it may be necessary to lengthen rotation to achieve sufficient blackleg control.

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CANOLA (continued)

Comments:

All varieties tested in the 2012 Canola Performance Trials are hybrid canola varieties.

Variety Descriptions

Distributor	Variety (B.napus)	Average Yield		LONG Season Zone (4 trials)				MID Season Zone (13 trials)				WCC/RRC Blackleg Tolerance
		MID-LONG Zone bu/ac	% of 73-75RR	Yield (bu/ac)	Maturity (days)	Lodging (1-5)	Height (inches)	Yield (bu/ac)	Maturity (days)	Lodging (1-5)	Height (inches)	
Clearfield Tolerant												
BrettYoung	5525 CL	46	91	41	92	1.4	46	47	96	2.5	43	R
BrettYoung	5535 CL	42	85	40	88	1.5	45	43	93	3.2	40	R
Viterra	VR 9560 CL	49	98	44	92	1.8	47	51	97	3.0	45	R
	<i>LSD (bu/ac)</i>			6				7				
Liberty Tolerant												
Bayer CropScience	5440	50	100	42	91	1.2	46	53	95	1.9	43	R
Bayer CropScience	L120	45	89	38	90	1.4	44	47	95	2.3	41	R
Bayer CropScience	L130	49	97	43	89	1.3	44	51	93	2.2	42	R
Bayer CropScience	L150	49	99	41	90	1.8	46	52	96	2.9	42	R
Bayer CropScience	L154	52	103	44	91	1.5	46	54	96	2.5	44	R
Bayer CropScience	L159	51	101	43	92	1.4	49	53	96	2.1	45	R
	<i>LSD (bu/ac)</i>			6				5				
Roundup Tolerant												
CANTERRA SEEDS	CANTERRA 1970	47	94	36	93	1.3	48	50	97	2.2	44	R
CANTERRA SEEDS	CANTERRA 1990	48	96	38	90	1.7	45	51	96	3.0	41	R
CANTERRA SEEDS	CANTERRA 1999 †	51	101	45	90	1.5	45	52	95	3.0	42	R
BrettYoung	6050 RR	45	90	39	88	2.2	43	47	94	3.4	40	R
BrettYoung	6060 RR	47	94	38	93	1.4	47	50	98	2.6	43	R
DEKALB	72-65 RR	45	91	38	90	2.2	42	48	96	3.3	41	R
DEKALB	73-45 RR	47	93	43	88	2.2	41	48	93	3.2	39	R
DEKALB	73-75 RR	50	100	45	89	1.8	44	52	95	3.4	41	R
DEKALB	74-44 BL†	47	94	40	90	1.6	43	50	94	2.9	41	R
DEKALB	74-47 CR†	52	100	—	—	—	—	52	96	3	42	R
FP Genetics	94H04	44	89	39	88	1.9	46	46	94	3.5	40	R
Cargill - Victory Hybrid	V12-1*	49	99	40	91	1.8	45	52	97	2.8	43	R
Viterra	VR 9559 G	49	97	43	91	1.6	47	50	97	2.4	44	R
Viterra	VT 520 G†	49	94	39	94	1.2	48	52	98	1.7	45	MR
	<i>LSD (bu/ac)</i>			5				6				
GRAND MEAN (bu/ac)		48		41	90	1.6	45	50	96	2.7	42	

* Indicates varieties with Specialty oil profiles

† Indicates varieties with interim registration.

CANOLA PERFORMANCE TRIAL — Field Scale Trial Location Data Summary

Variety	Yield LONG Zone			Yield MID Zone		
	bu/ac	% of 73-75RR	Sites	bu/ac	% of 73-75RR	Sites
5440	41	97	12	44	107	16
L120	34	81	1	37	91	6
L130	41	97	17	44	106	20
L150	38	91	18	41	100	26
L154	41	98	12	41	99	15
L159	39	94	12	40	99	14
CANTERRA 1970	41	98	2	41	100	4
CANTERRA 1990	39	94	12	41	101	21
CANTERRA 1999	43	103	1	42	102	6
6060 RR	39	94	11	40	99	15
72-65 RR	39	94	9	41	101	17
73-15 RR	—	—	—	44	108	9
73-45 RR	41	98	9	42	103	20
74-44 BL	39	93	16	43	106	21
74-47 CR	42	99	4	41	101	12
73-75 RR	42	100	24	41	100	43



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CANOLA PERFORMANCE TRIAL — Long and Mid Season Zone Plot Location Data

Variety (B.napus)	LONG Season Zone 2012 Yield (bu/ac)						MID Season Zone 2012 Yield (bu/ac)												
	Boissevain, MB	Dauphin, MB	Melita, MB	Portage la Prairie, MB	AVERAGE YIELD	Arborg, MB	Aberdeen, SK	Foam Lake, SK	North Battleford, SK	Saskatoon, SK	Indian Head, SK	Swift Current, SK	Melfort, SK	Scott, SK	Yorkton, SK	Foresterburg, AB	Vulcan, AB	Fort Saskatchewan, AB	AVERAGE YIELD
Clearfield																			
5525 CL	38	35	34	58	41	40	34	57	63	62	34	25	38	46	45	61	48	63	47
5535 CL	41	30	39	53	40	40	29	50	53	54	27	24	38	38	45	48	48	64	43
VR 9560 CL	44	39	34	58	44	41	37	56	64	71	35	27	46	52	51	66	47	70	51
LSD (bu/ac)	4	7	5	10	6	8	4	8	6	7	5	4	8	7	6	6	3	12	7
Liberty Link																			
5440	34	39	37	57	42	39	40	61	65	73	32	25	52	53	56	57	49	82	53
L120	40	31	26	53	38	25	31	55	63	68	33	22	46	47	49	56	46	66	47
L130	46	35	32	57	43	37	32	61	65	69	28	26	51	50	53	58	51	78	51
L150	39	36	31	58	41	35	36	64	66	76	32	25	50	50	52	66	49	78	52
L154	40	40	36	58	44	35	39	65	69	77	32	26	49	51	62	69	49	81	54
L159	42	32	36	60	43	37	36	68	66	75	31	27	51	52	58	62	50	80	53
LSD (bu/ac)	4	6	7	5	6	7	7	6	3	5	4	3	7	3	6	8	2	8	5
Roundup Ready																			
CANTERRA 1970	36	31	25	54	36	39	35	56	65	66	37	26	46	47	47	58	49	82	50
CANTERRA 1990	29	34	36	54	38	43	41	55	64	67	42	26	46	49	45	62	52	69	51
CANTERRA 1999†	48	39	38	55	45	48	41	57	64	73	35	27	44	50	53	53	56	79	52
6050 RR	44	29	34	49	39	35	39	53	57	64	29	25	38	44	43	51	54	82	47
6060 RR	32	32	33	54	38	36	40	59	65	68	38	23	48	49	49	59	48	69	50
72-65 RR	41	31	33	48	38	41	37	52	58	63	34	23	44	49	41	58	48	71	48
73-45 RR	44	31	37	59	43	44	38	51	58	66	29	27	44	45	50	51	54	64	48
73-75 RR	46	38	41	55	45	56	44	58	64	69	32	27	44	48	53	53	51	72	52
74-44 BL†	39	33	32	55	40	39	41	53	61	67	37	26	45	45	50	58	51	72	50
74-47 CR†	—	—	—	—	—	47	45	60	63	71	33	26	41	49	58	52	51	75	52
94H04	40	33	30	52	39	40	37	48	57	65	31	24	43	46	39	57	49	63	46
V12-1*	42	34	35	51	40	37	42	66	64	72	34	27	51	50	47	73	47	69	50
VR 9559 G	41	39	37	55	43	48	40	60	63	67	36	27	43	49	48	60	50	65	50
VT 520 G†	35	36	33	52	39	41	33	60	61	67	32	—	44	50	55	61	43	74	52
LSD (bu/ac)	5	5	6	6	5	7	5	7	4	5	3	3	10	8	5	11	3	8	6
GRAND MEAN (bu/ac)	40	34	34	55	41	40	38	58	63	68	33	25	45	48	50	58	50	73	50
CV%	11	12	12	8		14	10	9	5	5	7	7	10	10	8	10	4	9	
Seeding Date	18-May	11-May	08-May	21-May		07-Jun	19-May	14-May	14-May	21-May	20-May	12-May	01-Jun	16-May	15-May	14-May	18-May	19-May	

* Indicates varieties with Specialty oil profiles

† Indicates varieties with interim registration.



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CANOLA PERFORMANCE TRIAL — Field Scale Trial Location Data — Manitoba only

Variety	2012 Yield: % 73-75 RR																			
	LONG Season Zone											MID Season Zone								
	Brandon ¹	Brandon ²	Elie	Halbstadt	Hamota	Howden	Kenton	Killarney	Lauder	Melita	Oakville	Portage La Prairie	Rossburn	Somerset ¹	Somerset ²	St. Adolphe	Stonewall	Arborg	Dauphin	Swan River
5440	—	93	—	94	105	—	—	—	97	—	—	89	—	—	91	83	93	—	100	—
L120	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	101
L130	87	96	—	93	108	86	108	—	97	—	—	90	—	95	102	81	89	—	112	—
L150	103	90	—	94	94	75	105	—	93	—	—	85	—	95	93	76	86	—	108	69
L154	—	98	—	104	95	—	—	—	99	—	—	92	—	—	105	88	96	—	112	—
L159	—	94	—	99	96	—	—	—	99	—	—	83	—	—	94	81	86	—	98	—
CANTERRA 1970	—	—	—	—	—	—	—	—	—	101	—	95	—	—	—	—	—	—	—	—
CANTERRA 1990	94	—	93	—	—	85	102	100	—	100	97	—	95	94	—	—	—	81	—	126
CANTERRA 1999	—	—	—	—	—	—	—	—	—	—	103	—	—	—	—	—	—	—	—	—
6060 RR	95	—	87	—	—	83	106	96	98	—	—	104	97	—	—	—	73	—	121	
72-65 RR	100	—	89	—	—	85	101	102	—	—	—	—	—	92	—	—	91	—	95	
73-15 RR	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	93	
73-45 RR	102	—	88	—	—	92	101	99	—	—	—	—	—	100	—	—	—	88	—	117
74-44 BL	96	89	84	—	—	84	105	96	—	108	—	85	101	91	78	—	92	87	106	112
74-47 CR	—	—	98	—	—	—	—	96	—	106	—	—	—	—	—	—	—	90	—	—
73-75 RR	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
73-75 RR (bu/acre)	41	43	50	42	42	28	50	41	43	37	27	50	51	51	34	46	33	59	40	31

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FLAX

New for 2013

Variety	Code	Breeder	Distributor	Seed Availability
AAC Bravo	FP 2270	AAFC - Morden	FP Genetics	2015
CDC Glas	FP 2300	Crop Development Centre	SeCan	2014

Varieties that have been supported for registration

FP 2308	AAFC - Morden
FP 2314	Crop Development Centre
FP 2325	Viterra

Comments:

All variety descriptions, with the exception of yield data, are based on data from the Flax Cooperative Registration Trials.

AC Emerson demonstrates the greatest tolerance to flax chlorosis.

All varieties are immune to rust.

The Canadian Grain Commission advises that the following oilseed flax varieties **CDC Mons**, **CDC Normandy** and Solin varieties **CDC Gold, 2047, 2126, 1084, 2090** and **2149** will be deregistered effective August 1, 2013.



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FLAX (continued)

Variety Descriptions

Variety	Site		Maturity	Height	Seed	Oil Quality ¹			Resistance Level:		
	Years Tested	Yield bu/acre	+/- 102 days	+/- 27 inches	Size TKW	Oil Content	Iodine Number	ALA Content	Lodging ²	Fusarium Wilt	Powdery Mildew
AAC Bravo	4	31	1	0	6.4	44.6	194.0	60.2	G	MR	MR
AC Carnduff	6	30	0	-1	5.6	44.7	192.3	57.0	VG	MR	MR
AC Emerson	30	31	-2	-1	6.4	43.8	196.1	59.3	G	R	R
AC Watson	3	30	-2	-2	6.2	44.4	192.7	57.1	VG	MR	R
CDC Arras	13	31	0	-2	6.1	45.2	189.2	54.4	G	MR	MS
CDC Bethune	102	32	0	0	5.8	45.6	188.6	54.7	G	MR	MR
CDC Glas	4	32	1	1	5.2	45.8	192.0	56.6	G	MR	MR
CDC Sanctuary	15	32	3	1	5.8	45.6	190.7	57.2	G	MR	MR
CDC Sorrel	49	33	1	1	6.4	45.1	192.7	57.8	F	MR	MR
Flanders	1	31	1	-2	5.3	45.4	191.9	57.2	F	MR	MR
Hanley	69	31	-2	-2	5.7	44.7	197.7	58.6	VG	R	MR
Lightning	40	32	1	-2	6.0	47.6	192.5	56.1	G	MR	R
Macbeth	29	32	0	-1	6.2	47.7	193.1	56.7	G	R	MR
NorLin	50	30	0	-1	5.7	43.5	189.7	56.7	VG	MR	MS
Prairie Blue	68	32	1	-1	5.2	46.3	192.2	57.3	VG	MR	MR
Prairie Grande	40	31	-2	-4	5.8	45.6	192.9	57.5	G	MR	MR
Prairie Sapphire	26	33	2	-1	5.8	48.1	193.1	57.2	G	MR	MR
Prairie Thunder	47	31	0	-3	5.9	45.3	194.7	57.9	G	R	MR
Taurus	39	31	0	-1	5.6	45.6	187.0	53.9	VG	MR	R
Vimy	4	31	1	0	6.1	45.0	191.9	57.6	F	MR	MS
Varieties that have been supported for registration											
FP 2308	4	31	1	0	5.8	45.5	191.8	57.5	G	MR	MR
FP 2314	4	31	1	1	5.7	45.5	194.4	59.1	G	MR	MR
FP 2325	4	31	2	2	6.4	45.8	194.5	61.9	G	MR	R
GRAND MEAN (bu/acre)		31									
LSD (0.05)		2									

1 Oil quality of flax is based on the amount of linolenic acid measured in the seed or as measured by iodine value which is calculated from the fatty acid composition of the seed. A higher iodine value and/or higher ALA content indicates a higher overall oil quality in the seed.

2 VG = Very Good; G = Good; FG = Fair to Good; F = Fair; PF = Poor to Fair; P = Poor.

Yield Comparisons

Variety	2012 Average Yield (bu/acre)	2012 Yield (bu/acre)									
		Boissevain	Dauphin	Hamiota	Morden						
AAC Bravo	21	18	16	30	20						
CDC Bethune	21	16	16	29	21						
CDC Sanctuary	21	16	18	31	20						
CDC Glas	23	19	19	33	20						
Prairie Sapphire	24	15	23	37	21						
Varieties that have been supported for registration											
FP 2308	21	17	18	27	22						
FP 2314	21	17	16	29	21						
FP 2325	20	19	16	26	20						
SITE GRAND MEAN (bu/acre)		17	18	30	21						
CV%		8.3	6.0	4.0	5.1						
LSD (bu/acre)		—	2	2	—						
Sign Diff		No	Yes	Yes	No						
Seeding Date		18-May	11-May	15-May	17-May						
Harvest Date		27-Aug	06-Sep	24-Sep	27-Aug						

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*Some restrictions apply.

MUSTARD

Comments:

All varieties are rated resistant tolerance to blackleg.

Data is donated and approved for publication by the Prairie Recommending Committee for Oilseeds (PRCO).

Variety Descriptions¹

Variety	Yield % Check	Site Years Tested	Days to Maturity +/- Check	Height +/- Check	Mucilage ² cS* ml/g	Fixed Oil % Seed	Protein % Seed
Yellow - Sinapis alba	% of AC Pennant						
AC Pennant	100	94	0	0	42.0	29.4	34.7
AC Base	100	94	+1	+3	38.3	29.2	34.7
Ace	98	94	+2	+5	46.7	29.0	35.3
Adante	100	94	+1	+5	51.9	28.2	35.6
Oriental - Brassica juncea	% of Cutlass						
AC Vulcan	98	85	0	+1	—	40.6	29.6
Cutlass	100	85	0	0	—	41.1	29.2
Forge	97	85	+2	+10	—	38.8	29.7
Brown - Brassica juncea	% of Commercial Brown						
Centennial Brown	102	85	0	+4	—	36.6	30.0
Commercial Brown	100	85	0	0	—	38.1	28.8
Duchess	103	85	0	+1	—	38.2	28.8
CHECK CHARACTERISTICS							
Yellow - AC Pennant	1716	94	91	96			
Oriental - Cutlass	2078	85	91	114			
Brown - Commercial Brown	1890	85	92	111			
lb/ac		site years	days	cm			

1 All varieties are tested at all locations (Co-operative Mustard Test location) from a 10 year period of 1999-2008.

2 Mucilage is a measure of viscosity.

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SOYBEANS

NOTES FOR ALL SOYBEAN TABLES

Maturity Notes: Always Use More Than 1 Criteria to Evaluate Maturity.

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- 1 Soybean varieties have been organized into 3 maturity zones - short, mid and long season areas. Although there are no variety restrictions, the short season grouping is meant to be a starting point for new growers in the outer production areas. The long season group is targeted for the southern Manitoba generally south of Highway 23, with the mid season grouping making up the bulk of the production area in between the short and long season area.
 - 2 Company Crop Heat Unit ratings are assigned to assist growers select varieties suitable for their area. Unfortunately Company Heat Unit ratings do not always reflect the actual maturity in Manitoba. Growers should never rely on just 1 criteria for judging maturity. Experimental lines are not assigned a HU rating until they become registered.
 - 3 Relative days to maturity (dtm) is the number of days from seeding to plant maturity (95% of the pods on the plant are mature with seeds rattling in the pods when plant is shaken) and is expressed as + or - days from the check. Growers need to be cautious when using only one year data when evaluating maturity and yield. Using multiple year maturity data when available will give you a better indication on how a variety will mature with different growing seasons. Actual days to maturity for the check is found in the grey Check Box at the bottom of the table.

General Notes:

- 1 Roundup Ready and Conventional soybean varieties are evaluated separately from Roundup Ready type varieties, meaning direct comparison of varieties between different tables is not possible. All trials are solid seeded at 210,000 plants/acre.
- 2 Hilum colour can range from Yellow (Y), ImperfectYellow (IY), Grey (G), Brown (BR), Buff (BF) or Black (BL) and is solely a marketing issue. The hilum is the point on the soybean seed where it attaches to the pod.
- 3 Relative Seeds/lb, these were the seed numbers of the varieties entered into the trial. Soybean seed size can vary greatly between varieties and even from seed lot to seed lot of the same variety. Growers should use the seed size for their seed lot when calculating seeding rates.
- 4 Lodging is rated at harvest; 1=standing upright, 5= flat along the ground. A rating of 3 or more can promote white mold within the crop canopy.
- 5 Iron Deficiency Chlorosis (IDC) rating scores 1=green leaves, 2=yellowish leaves, 3=green veins with yellow leaves, 4=brown dead tissue between green veins, 5=severe chlorosis and a stunted growing point. Ratings were taken from 4 sites prone to iron chlorosis over the last 2 years. IDC tolerant varieties are varieties with lower IDC Scores and perform better on soils prone to iron deficiency.
- 6 Iron Deficiency Chlorosis (IDC) grouping is used because varieties will have different visual rating scores from year to year. Numerical ratings which are close but are in different groupings will show similar symptoms. Both numerical and groupings should be considered together when judging IDC. Tolerant=leaves stayed green, Semi Tolerant=leaves when yellow then turned green, Susceptible= leaves went chlorotic and had dead patches on their leaves and were often stunted.
- 7 Soybeans are not eligible for MASC Production Insurance in all parts of the province - consult your local agent for more details.

WESTERN MANITOBA SOYBEAN ADAPTATION TRIAL

Comments:

The Adaptation Soybean variety trial was tested and the data donated by the Manitoba Pulse Growers Association.

Soybeans do not qualify for MASC's AgrilInsurance at Roblin or Hamiota.

In 2012, trials were located at Boissevain, Carberry, Melita, Roblin and Hamiota. However, Boissevain and Carberry trials were lost due to weather issues and the Melita and Roblin trials were harvested but data was deemed unacceptable for publication.

Variety	Company Heat Units	Yield %	Site Years Tested	Days to ¹ Maturity +/- Check	2012 Yield: % of 23-10RY
		Check			Hamiota
23-10RY	2325	100	6	0	100
Pekko R2	2325	101	6	1	103
NSC Libau RR2Y	2375	90	1	1	90
900Y71	2450	97	6	1	98
004R21	2425	102	6	2	93
900Y61	2425	96	6	2	88
Bishop R2	2450	87	1	2	87
Vito R2	2450	97	1	3	97
24-10RY	2425	97	6	4	94
TH 32004R2Y	2425	110	6	4	112
Sampsa R2	2425	99	6	4	92
HS 006RYS24	2450	100	6	4	88
Experimental lines that have been supported for registration in Canada					
HX 007RY32		81	1	3	81
LS 002R23		94	1	3	94
NSM EXP 1225 R2		91	1	1	91
SC2375R2		95	1	4	95
TH 33003R2Y		95	1	3	95
CHECK CHARACTERISTICS					
23-10 RY	50 bu/acre	6 site years	125 days to maturity	23-10RY (bu/acre)	
				CV%	6.1
				LSD%	9.5
				Sign Diff	Yes
				Seeding Date	15-May
					Harvest Date
					1-Oct

1 Maturity ratings based only on 2012 data at the Hamiota location.

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NATTO SOYBEANS

Comments:

OAC Prudence is not a natto type soybean; it is used as a check to determine the yield potential of natto type soybeans compared to conventional soybeans.

The Natto Soybean variety trials were tested and the data donated by Manitoba Pulse Growers Association.

Variety Descriptions

Manitoba Variety Grouping	Company Heat Unit	Variety	Relative Days to Maturity +/- Check				Yield % Check	Site Years Tested	Lodging	Seeds/lbs	IDC Rating (1-5)	2012 Yield: % of OAC Prudence						
			Average	2012	2011	2010						Carman	St. Adolphe	Morris	Rosebank	Morden		
Short Season	2375	AC QGC 12N	-8	—	-7	-9	77	40	2.8	5200	2.3	—	—	—	—	—		
Mid Season	2475	OAC Prudence	0	0	0	0	100	49	1.7	2300	1.6	100	100	100	100	100		
Experimental lines that have been supported for registration in Canada																		
		Colibri	3	—	3	—	81	22	1.2	7350	—	—	—	—	—	—		
		OT 08-05	2	1	1	3	91	20	2.3	4300	—	106	104	92	86	89		
CHECK CHARACTERISTICS																		
OAC Prudence				115	114	106	125	49	49	OAC Prudence (bu/acre)			48	36	38	75	74	
				days to maturity				bu/acre	site years	CV%			3.9	4.8	6.1	6.5	6.9	
								LSD%			Sign Diff			8	9	10	10	12
								Seeding Date			Harvest Date			Yes	Yes	Yes	Yes	Yes
								14-May 09-May 12-May 17-May 16-May			14-May 09-May 12-May 17-May 16-May							

1 Lodging and maturity ratings (1-5) were averaged across the Morris, St. Adophe and Carman sites.

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CONVENTIONAL SOYBEANS

Comments:

The Conventional Soybean variety trial was tested and the data donated by Manitoba Pulse Growers Association.

Variety Descriptions

Manitoba Variety Zones	Company Heat Unit	Variety	Relative Days to Maturity + / - Check			Yield % Check	Site Years Tested	Hilum Colour	Relative Seeds/lb	Lodging ¹
		Average	2012	2011	2010					
Mid Season Zone	2450	OAC Prudence	0	0	0	100	84	Y	1851	1.7
	2500	DH863	4	4	5	87	10	Y	2230	1.6
	2550	DH404	4	4	—	82	10	IY	2300	1.6
	Experimental lines are being tested/proposed for registration in Canada									
	OT09-03		2	1	3	105	17	Y	2151	1.8
	SeCan 11-05C		1	0	2	105	11	Y	2356	1.4
Long Season Zone	OAC 11-02C		4	4	—	110	5	Y	2634	1.6
	Experimental lines are being tested/proposed for registration in Canada									
	OAC 11-03C		7	7	—	111	5	IY	2628	1.9
	SeCan 11-06C		5	4	5	111	11	LBR	2006	1.8
	OAC 11-04C		8	8	—	107	5	LB	2216	1.3
CHECK CHARACTERISTICS										
OAC Prudence			115	114	106	125	49	84		
			days to maturity				bu/acre	site years		

¹ Lodging and Maturity ratings are averaged across the 2012 St. Adolphe, Carman and Morris sites.

YIELD COMPARISONS

Manitoba Variety Zones	Variety	2012 Average Yield	Site Years Tested	2012 Yield: % of OAC Prudence							
				Arborg	Carman	St. Adolphe	Morris	Rosebank	Morden		
Mid Season Zone	OAC Prudence	100	5	100	100	100	100	100	100		
	DH863	80	4	16	120	122	92	—	—		
	DH404	76	4	20	104	109	99	—	—		
	Experimental lines are being tested/proposed for registration in Canada										
	OT09-03	111	5	—	123	120	110	97	112		
	SeCan 11-05C	109	5	—	124	115	95	108	106		
Long Season Zone	OAC 11-02C	110	5	—	127	117	102	99	112		
	Experimental lines are being tested/proposed for registration in Canada										
	OAC 11-03C	111	5	—	121	119	113	97	114		
	SeCan 11-06C	116	5	—	128	124	110	102	120		
	OAC 11-04C	107	5	—	119	123	105	91	108		
CHECK CHARACTERISTICS		OAC Prudence (bu/acre)		60	48	36	38	75	74		
		CV%		11.3	3.9	4.8	6.1	6.5	6.9		
		LSD%		15	8	9	10	10	12		
		Sign Diff		Yes	Yes	Yes	Yes	Yes	Yes		
Seeding Date				17-May	14-May	09-May	12-May	17-May	16-May		
Harvest Date				28-Sep	24-Sep	18-Sep	24-Sep	27-Sep	19-Sep		

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ROUNDUP READY SOYBEANS

New for 2013

Variety	Previous Code	Distributor	Seed Availability
004R21	LS004R21	Delmar Commodities	2012
23-10RY	23-10RY	DEKALB	2012
90Y01	PH11002	DuPont Pioneer	2013
90Y21	PH11005	DuPont Pioneer	2013
Astro R2	32006R27	Quarry Seeds Ltd	2012
Bishop R2	SC-1001	SeCan	2012
Beurling R2	SC-2500RR	SeCan	2012
Currie R2	SC-2500RR	SeCan	2012
LS 003R22	LS 003R22	Delmar Commodities	2012
LS 005R22	LS 005R22	Delmar Commodities	2012
LS 006R21	LS 006R21	Delmar Commodities	2013
LS 007R22	LS 007R22	Delmar Commodities	2012
LS 005R22	LS 0005 RR2	Delmar Commodities	2012
NSC Elie RR2Y	NSMR2-EXP 110	Northstar Genetics Manitoba	2012
NSC Richer RR2Y	NSMR2-EXP 80	Northstar Genetics Manitoba	2012
Pekko R2	CFS11.1.01R2	BrettYoung Seeds Ltd./Elite	2012
PS 0074 R2	EXP00712 RS	PRIDE Seeds	2013
PS 0083 R2	EXPO33R2	PRIDE Seeds	2012
S00-B7	X2R00721	Syngenta Canada	2013
Sampsia R2	CFS11.301R2	BrettYoung Seeds Ltd./Elite	2012
TH 32004R2Y	32004	Quarry Seeds Ltd	2012
TH 33008R2Y	TH 33008R2Y	Quarry Seeds Ltd	—
Vito R2	PR1182713R2	Northstar Genetics Manitoba	2013

Comments:

The Roundup Ready Soybean variety trial was tested and the data donated by the Manitoba Pulse Growers Association.

Variety Descriptions

Manitoba Variety Zones	Company Heat Unit	Variety	Relative Days to Maturity ²					Yield % Check	Site Years Tested	Hilum Colour	IDC ⁴		
			Type ¹	Average	2012	2011	2010				(1-5)	Rating (1-5)	Grouping
Short Season Zone	2375	29002RR	RR1	-7	-9	-6	-7	86	29	Y	3300	1.0	2.6 Susceptible
	2325	Pekko R2	R2Y	-5	-6	-3	—	101	10	BL	2580	1.1	2.0 Semi Tolerant
	2325	23-10RY	R2Y	-4	-6	-3	—	103	12	BL	2600	1.3	2.0 Semi Tolerant
	2450	Bishop R2	R2Y	-3	-4	-2	—	99	11	IY	2782	1.7	2.8 Susceptible
	2350	Vito R2	R2Y	-2	-3	-1	—	101	10	GR	3004	1.4	1.8 Semi Tolerant
	2350	NSC Anola RR2Y	R2Y	-2	-2	-2	—	107	10	BL	3374	1.2	1.9 Semi Tolerant
	2375	NSC Libau RR2Y	R2Y	-2	-3	-1	—	101	12	BL	3122	1.1	1.9 Semi Tolerant
	2425	TH 32004R2Y	R2Y	-2	-3	-1	—	110	14	BL	3200	1.3	1.9 Semi Tolerant
	2450	900Y71	RR1	-2	-1	0	-4	101	21	IY	2750	1.1	1.6 Tolerant
	2425	004R21	R2Y	-1	-2	-1	—	100	14	BL	3070	1.1	1.7 Tolerant
Experimental lines that have been supported for registration in Canada													
NSM EXP 1225 R2													
R2Y -5 -5 — — 105 6 Y 3190 1.1 2.7 Susceptible													
LS 002R23													
R2Y -2 -2 — — 103 6 BL 3000 1.0 2.1 Semi Tolerant													
SC2375R2													
R2Y -2 -2 — — 105 6 BL 2830 1.0 NT NT													
Mid Season Zone	2425	S00-B7	R2Y	-2	-2	—	—	93	5	BL	2550	1.4	NT NT
	2475	Chadburn R2	R2Y	-2	-3	0	—	101	13	BL	3301	1.0	1.6 Tolerant
	2425	24-10RY	R2Y	-2	-2	-1	—	107	16	IB	3016	1.1	1.9 Semi-Tolerant
	2425	Sampsia R2	R2Y	-1	-1	-1	—	111	10	IB	2467	1.0	2.0 Semi Tolerant
	2425	LS 003R22	R2Y	-1	-1	0	—	108	12	BL	2650	1.2	1.8 Semi Tolerant
	2425	NSC Elie RR2Y	R2Y	-1	-1	0	—	107	13	BL	2425	1.3	2.1 Semi Tolerant
	2450	27005RR	RR1	0	0	—	—	98	40	BR	3500	1.1	1.7 Tolerant
	2500	NSC Portage RR	RR1	0	0	0	0	100	53	BR	3768	1.3	1.8 Semi Tolerant
	2450	HS 006RYS24	R2Y	0	0	0	—	103	11	BL	2900	1.5	1.6 Tolerant
	2425	900Y61	RR1	0	0	0	—	101	17	BR	2800	1.3	1.7 Tolerant
	2500	Beurling R2	R2Y	1	0	1	—	94	11	BL	2611	1.8	2.6 Semi Tolerant
	2500	PS 0083 R2	R2Y	1	1	1	—	97	10	BL	2800	1.0	2.3 Susceptible
	2525	90Y01	RR1	1	1	—	—	97	11	IY	2900	1.3	1.8 Tolerant
	2475	NSC Richer RR2Y	R2Y	1	2	0	—	109	10	BL	3808	1.8	1.7 Semi Tolerant
	2475	PS 0074 R2	R2Y	1	1	—	—	92	5	BR	3425	1.4	1.6 Tolerant
	2475	LS 005R22	R2Y	1	1	—	—	99	5	BL	3300	1.4	1.8 Semi Tolerant
	2550	NSC Jaden RR2Y	R2Y	2	2	—	3	108	12	BL	3144	1.6	1.7 Tolerant
	2475	LS 006R21	R2Y	1	1	2	—	106	17	BL	2800	1.2	1.8 Semi Tolerant

(continued) ROUNDUP READY SOYBEANS

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Manitoba Variety Zones	Company Heat Unit	Variety	Type ¹	Relative Days to Maturity ² + / - Check				Yield % Check	Site Years Tested	Hilum Colour	Relative Seeds/lb	Lodging ³ (1-5)	IDC ⁴ Rating (1-5)	Grouping
				Average	2012	2011	2010							
Experimental lines that have been supported for registration in Canada														
		TH 33003R2Y	R2Y	-1	-1	-1	—	106	11	BR	3000	1.6	1.9	Semi Tolerant
		TH 33005R2Y	R2Y	-1	-1	—	—	113	6	BL	2800	1.2	2.1	Semi Tolerant
		TH 33006R2Y	R2Y	1	0	2	—	99	10	IY	2900	1.0	2.1	Semi Tolerant
		TH 33007R2Y	R2Y	1	1	2	—	106	11	BR	2700	1.2	2.1	Semi Tolerant
		HX 007RY32	R2Y	0	0	—	—	109	6	BL	2950	1.3	NT	NT
		SC2450R2	R2Y	0	0	—	—	100	6	BL	3310	1.1	NT	NT
		DAS007R3	R2Y	1	1	—	—	105	6	BR	2900	1.1	NT	NT
		MK0011A5	R2Y	0	0	—	—	102	6	BL	2820	1.2	NT	NT
		X2R00922	R2Y	2	2	—	—	110	5	BL	2875	1.3	NT	NT
Long Season Zone	2500	NSC Osborne RR2Y	R2Y	2	2	3	2	109	20	BL	2894	1.3	1.9	Semi Tolerant
	2500	Currie R2	R2Y	2	1	3	—	110	11	BL	2752	1.6	2.0	Semi Tolerant
	2475	900Y81	RR1	2	2	3	—	97	17	BR	2700	1.0	1.2	Tolerant
	2475	LS 007R22	R2Y	3	3	—	—	109	5	BL	3550	1.9	2.3	Semi Tolerant
	2500	25-10RY	R2Y	3	4	2	—	110	17	BL	2345	1.3	2.2	Semi Tolerant
	2525	Astro R2	R2Y	3	4	3	—	112	10	BL	2800	1.6	1.8	Semi Tolerant
	2525	90M01	RR1	3	3	3	3	96	39	Y	2950	1.0	1.7	Tolerant
	2550	S01-K8	R2Y	5	5	5	—	99	10	BL	2500	1.0	2.2	Semi Tolerant
	2575	90Y21	RR1	4	4	—	—	91	5	Y	2900	1.0	1.7	Tolerant
	2550	TH 33008R2Y	R2Y	10	10	—	—	102	5	BR	2800	1.2	2.7	Susceptible
Experimental lines that have been supported for registration in Canada														
		G8- NSMR2-EXP G8A	R2Y	4	5	4	—	102	10	BL	3370	1.3	2.9	Susceptible
		CFS12.3.01	R2Y	10	10	—	—	108	5	IB	3130	1.4	2.6	Susceptible
CHECK CHARACTERISTICS														
NSC Portage RR				118	117	110	127	51	53	days to maturity bu/ac site years				

1 R2Y Indicates Genuity Roundup Ready 2 Yield Soybeans

2 Maturity ratings for 2012 are average across the Carman, Morris and St. Adolphe sites.

3 Lodging ratings are averaged across Carman and St. Adolphe

4 NT - Varieties were not tested in IDC Trial in 2012



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ROUNDUP READY SOYBEANS (*continued*)

Yield Comparisons

		2012 Yield: % of NSC Portage RR									
		2012 Average Yield	Site Years Tested	2012 Yield: % of NSC Portage RR							
Manitoba Variety Zone	Variety			Beausejour	Arborg	Stonewall	Carman	Morris	St. Adolphe	Rosebank	Morden
Short Season Zone	29002RR	88	8	88	109	104	74	91	87	94	73
	Pekko R2	102	5	—	121	106	84	104	98	—	—
	23-10RY	103	6	90	126	110	100	99	95	—	—
	Bishop R2	99	5	—	106	100	104	87	94	—	—
	Vito R2	103	5	—	119	111	93	93	98	—	—
	NSC Anola RR2Y	110	5	—	112	119	111	106	102	—	—
	NSC Libau RR2Y	102	6	95	98	110	114	99	98	—	—
	TH 32004R2Y	109	8	96	139	104	111	105	107	111	104
	900Y71	99	6	98	111	103	101	92	90	—	—
	004R21	97	8	74	98	111	106	91	98	105	104
Experimental lines that have been supported for registration in Canada											
		NSM EXP 1225 R2	106	6	105	133	110	89	94	101	—
		LS 002R23	103	6	91	132	107	90	99	102	—
		SC2375R2	105	6	107	122	118	82	98	106	—
Mid Season Zone	S00-B7	93	5	—	—	—	95	96	91	92	93
	Chadburn R2	101	8	80	108	106	110	101	105	103	96
	24-10RY	110	8	93	114	108	133	103	104	109	109
	Sampsia R2	112	5	—	113	112	125	99	106	—	—
	LS 003R22	109	6	106	111	114	110	102	112	—	—
	NSC Elie RR2Y	106	8	84	120	110	114	95	100	120	102
	27005RR	97	8	104	71	106	101	95	97	99	101
	NSC Portage RR	100	8	100	100	100	100	100	100	100	100
	HS 006RYS24	101	6	102	—	—	116	92	101	99	97
	900Y61	101	6	97	101	106	117	82	96	—	—
	Beurling R2	88	5	—	—	—	82	94	94	79	92
	PS 0083 R2	94	5	—	96	110	84	94	90	—	—
	90Y01	98	5	—	—	—	108	92	99	89	100
	NSC Richer RR2Y	106	5	—	—	—	121	111	102	99	100
	PS 0074 R2	92	5	—	51	114	95	101	102	—	—
Long Season Zone	LS 005R22	99	5	—	—	—	111	100	96	95	96
	NSC Jaden RR2Y	106	5	—	—	—	108	101	110	100	107
	LS 006R21	107	5	—	—	—	117	110	104	100	107
Experimental lines that have been supported for registration in Canada											
		TH 33003R2Y	103	6	90	—	—	118	103	99	101
		TH 33005R2Y	113	6	115	—	—	125	108	118	104
		TH 33006R2Y	99	5	—	—	—	94	101	97	96
		TH 33007R2Y	104	5	—	—	—	113	91	99	101
		HX 007RY32	109	6	105	—	—	119	107	101	113
		SC2450R2	100	6	105	97	107	100	89	96	—
		DAS007R3	106	6	106	—	—	110	100	106	106
		MK0011A5	102	6	92	—	—	117	93	103	106
		X2R00922	110	5	—	—	—	112	104	108	112
Experimental lines that have been supported for registration in Canada											
		NSC Osborne RR2Y	100	5	—	—	—	90	104	102	99
		Currie R2	109	5	—	—	—	124	105	109	106
		900Y81	90	6	96	65	94	103	94	89	—
		LS 007R22	109	5	—	—	—	123	108	109	100
		25-10RY	108	5	—	—	—	112	102	104	106
		Astro R2	107	5	—	—	—	132	100	103	98
		90M01	90	8	100	42	95	91	94	94	96
		S01-K8	100	5	—	—	—	90	95	98	101
		90Y21	91	5	—	—	—	87	93	97	94
		TH 33008R2Y	102	5	—	—	—	118	82	83	108
Experimental lines that have been supported for registration in Canada											
		G8 R2	97	5	—	—	—	102	95	94	94
		CFS12.3.01	108	5	—	—	—	135	94	97	111
CHECK CHARACTERISTICS		NSC Portage RR (bu/acre)	54	50	47	56	36	54	55	78	
		CV%	9.0	7.1	6.2	5.8	6.5	4.8	5.0	8.0	
		LSD%	14.3	11.8	10.6	9.3	10.3	7.6	8.2	13.2	
		Sign Diff	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Seeding Date			17-May	17-May	17-May	14-May	12-May	10-May	17-May	16-May	
Harvest Date			27-Sep	29-Sep	21-Sep	24-Sep	24-Sep	13-Sep	27-Sep	18-Sep	



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SUNFLOWERS - NON-OIL TYPE

Comments:

The 2012 sunflower trials were tested and data donated by the National Sunflower Association of Canada Inc.

All sunflower varieties currently available are susceptible to sclerotinia rot. Weather conditions and presence of sclerotinia inoculum play a major role in disease development and severity.

Seed sizing information will be posted in January 2013 at www.seedmb.ca.

More detailed information from individual trials will be distributed to NSAC members in good standing in the December 2012 edition of the Canadian Sunflower Grower magazine.

Variety Descriptions

Company	Variety	Herb Type	2012 Yield (lb/ac)			2011 Summary	% Nutmeat	Maturity ¹ (days)	Height ¹ (inches)	Resistance to:		
			DMR	Beausejour	Minto					Rust ²	Verticillium	Downy ³
Seeds 2000	6946	— N	2817	3571	4332	2563	58	122	68	S	MR	HS
Seeds 2000	6946 DMR	— Y	3054	3813	4352	2711	57	120	68	HS	MR	R
Seeds 2000	6950	— N	2842	3583	4050	2675	56	123	70	MR	MR	HS
Seeds 2000	Jaguar DMR	CL Y	3313	3723	3585	—	50	123	67	—	—	—
Seeds 2000	Jaguar	CL N	2918	3770	3829	2456	52	122	67	MS	MR	HS
Seeds 2000	Sundance DMR	— Y	3276	3764	3391	2731	50	123	73	HS	MR	MR
Experimental lines are being tested/proposed for registration in Canada												
CHS Sunflower	RH400 CL	CL N	3102	3483	3933	2848	48	122	72	MR	MS	S
Seeds 2000	X9180 EX DMR	ExSun Y	2951	3706	3781	2880	54	123	69	HS	MS	MR
Site Grand Mean (lb/ac)			2895	3528	3796	2544						
CV%			9.4	6.2	10.6							
LSD (lb/ac)			394	316	691							
Sign Diff			Yes	Yes	Yes							
Seeding Date			15-May	14-May	11-May							
Harvest Date			28-Sep	12-Oct	14-Sep							

1 Average height and maturity derived from data collected in the MCVET Sunflower trials in 2008-2012. Data from all sites accepted for yield.

2 Reaction indicated is to Races 2, 3, and 4 under controlled indoor conditions.

3 Reaction indicated is to Race 2.

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SUNFLOWERS - OIL TYPE

Comments:

The 2012 sunflower trials were tested and data donated by the National Sunflower Association of Canada Inc.

All sunflower varieties currently available are susceptible to sclerotinia rot. Weather conditions and presence of sclerotinia inoculum play a major role in disease development and severity.

Oil content information will be posted in January 2013 at www.seedmb.ca.

More detailed information from individual trials will be distributed to NSAC members in good standing in the December 2012 edition of the Canadian Sunflower Grower magazine.

Variety Descriptions

Company	Variety	Oil Type	Herb Type	2012 Yield (lb/ac)			2011 Summary	Maturity ¹ (days)	Height ¹ (inches)	Resistance to:			
				Beausejour	Minto	Morden				Verticillium	Wilt	Downy ³ Mildew	
DuPont Pioneer	63N82	NS	ExSun	Y	2322	3502	3420	2139	128	66	S	MR	S
Seeds 2000	Defender Plus	NS	—	Y	2309	3320	3674	2357	123	62	HS	MR	R
SYNGENTA Seed	IS 3433 NS/DM	NS	—	Y	2683	3964	3814	—	127	61	HS	MR	MR
Syngenta	7120 HO/DM	HO	—	N	2310	3492	3246	—	124	63	S	MR	MR
Syngenta	3495 NS/CL/DM	NS	CL	Y	2768	3856	4171	—	126	73	HS	MR	M
Seeds 2000	X4219	NS	ExSun	N	2852	4076	3745	2272	126	64	HS	MR	S
Experimental lines are being tested/proposed for registration in Canada													
DuPont Pioneer	P63ME70	NS	ExSun	Y	2502	4163	3783	2825	126	69	HS	MR	R
DuPont Pioneer	P63ME80	NS	ExSun	Y	2638	3620	3581	2070	129	70	HS	MR	R
Seeds 2000	X6822	HO	CL	Y	2728	3508	3745	—	129	67	—	—	—
Syngenta	SYN NX 24121	HO	CL	Y	2471	3095	3298	—	127	71	MR	MR	R
Grand Mean (lbs/ac)				2558	3660	3648	2334						
CV%				11.4	9.0	6.8							
LSD (lbs/ac)				—	479	423							
Sign Diff				No	Yes	Yes							
Seeding Date				15-May	14-May	11-May							
Harvest Date				28-Sep	12-Oct	14-Sep							

1 Average height and maturity derived from data collected in the MCVET Sunflower trials in 2008-2012. Data from all sites accepted for yield.

2 Reaction indicated is to Races 2, 3, and 4 under controlled indoor conditions.

3 Reaction indicated is to Race 2.



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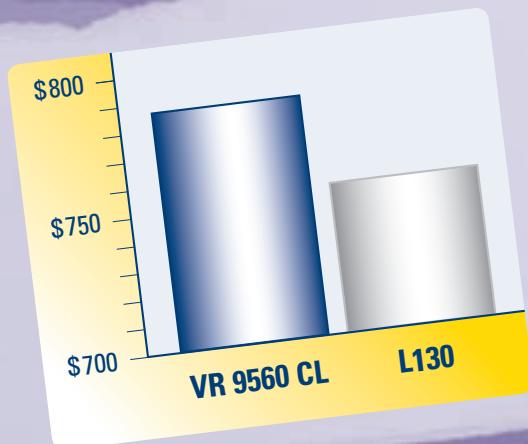
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* Viterra production contract required. VR 9560 CL canola is a Viterra researched and recommended variety. Clearfield® is a registered trademark of BASF Agricultural Products. All products listed are trademarks of their respective companies.

Distributor Contacts for Varieties in Seed Manitoba 2013

Look up variety within the correct CROP KIND to find the company, then look for company phone number in the box at bottom of section.

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CANOLA

- see Canola table to determine which companies market specific varieties -

FLAX

AAC Bravo	FP Genetics
AC Carnduff	SeCan
AC Emerson	SeCan
AC Watson	Viterra
CDC Arras	FP Genetics
CDC Bethune	SeCan
CDC Glas	SeCan
CDC Sanctuary	SeCan
CDC Sorrel	SeCan
Flanders	SeCan
Hanley	SeCan
Lightning	CANTERRA SEEDS
Macbeth	Viterra
NorLin	SeCan
Prairie Blue	SeCan
Prairie Grande	SeCan
Prairie Sapphire	Alliance Seed Corporation
Prairie Thunder	CANTERRA SEEDS
Taurus	FP Genetics
Vimy	SeCan

MUSTARD

Sinapis alba	Trade
AC Base	Trade
AC Pennant	Viterra
Ace	Trade
Andante	Trade
Brassica juncea	Trade
AC Vulcan	Trade
Centennial Brown	Trade
Cutlass	Trade
Duchess	Viterra
Forge	Viterra

CONVENTIONAL SOYBEANS

OAC PRUDENCE	SeCan
DH404	Sevita International
DH863	Sevita International

NATTO SOYBEANS

AC QGC 12N	Quarry Seeds Ltd.
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ROUNDUP READY SOYBEANS

004R21	Delmar Commodities
23-10RY	DEKALB
24-10RY	DEKALB
25-10 RY	DEKALB
27005RR	Quarry Seeds Ltd.
29002RR	Quarry Seeds Ltd.
900Y61	DuPont Pioneer
900Y71	DuPont Pioneer
900Y81	DuPont Pioneer

ROUNDUP READY SOYBEANS

90M01	DuPont Pioneer
90Y01	DuPont Pioneer
90Y21	DuPont Pioneer
Astro R2	Quarry Seeds Ltd.
Beurling R2	SeCan
Bishop R2	SeCan
Chadburn R2	SeCan
Currie R2	SeCan
HS 006RYS24	Hyland Seeds
LS 003R22	Delmar Commodities
LS 005R22	Delmar Commodities
LS 006R21	Delmar Commodities
LS 007R22	Delmar Commodities
NSC Anola RR2Y	North Star Genetics Manitoba
NSC Elie RR2Y	North Star Genetics Manitoba
NSC Jaden RR2Y	North Star Genetics Manitoba
NSC Libau RR2Y	North Star Genetics Manitoba
NSC Osborne RR2Y	North Star Genetics Manitoba
NSC Portage RR	North Star Genetics Manitoba
NSC Richer RR2Y	North Star Genetics Manitoba
Pekko R2	BrettYoung
PS 0074 R2	PRIDE Seeds
PS 0083 R2	PRIDE Seeds
S00-B7	Syngenta Canada
S01-K8	Syngenta Canada
Sampsia R2	BrettYoung
TH 32004R2Y	Quarry Seeds Ltd.
TH 33008R2Y	Quarry Seeds Ltd.
Vito R2	North Star Genetics Manitoba

SUNFLOWERS

- see Sunflower table to determine which companies market specific varieties -

DISTRIBUTOR

Alliance Seed Corporation	1-877-270-2890
Bayer CropScience.....	1-888-283-6847
BrettYoung	1-800-665-5015
CANTERRA SEEDS	1-877-439-7333
Cargill	1-204-947-0141
CHS Sunflower.....	1-701-484-5313
DEKALB	1-800-667-4944
Delmar Commodities	1-888-974-7246
FP Genetics.....	1-877-791-1045
Hyland Seeds.....	1-800-265-7403
North Star Genetics Manitoba.....	1-701-454-6427
DuPont Pioneer	1-800-265-9435
PRIDE Seeds	1-800-265-5280
Quarry Seeds Ltd.....	1-888-274-9243
SeCan	1-800-665-7333
Seeds 2000	1-877-841-7447
Sevita International.....	1-613-989-5400
Syngenta Canada Inc.....	1-877-964-3682
Viterra.....	1-800-569-4411

PHONE NUMBER



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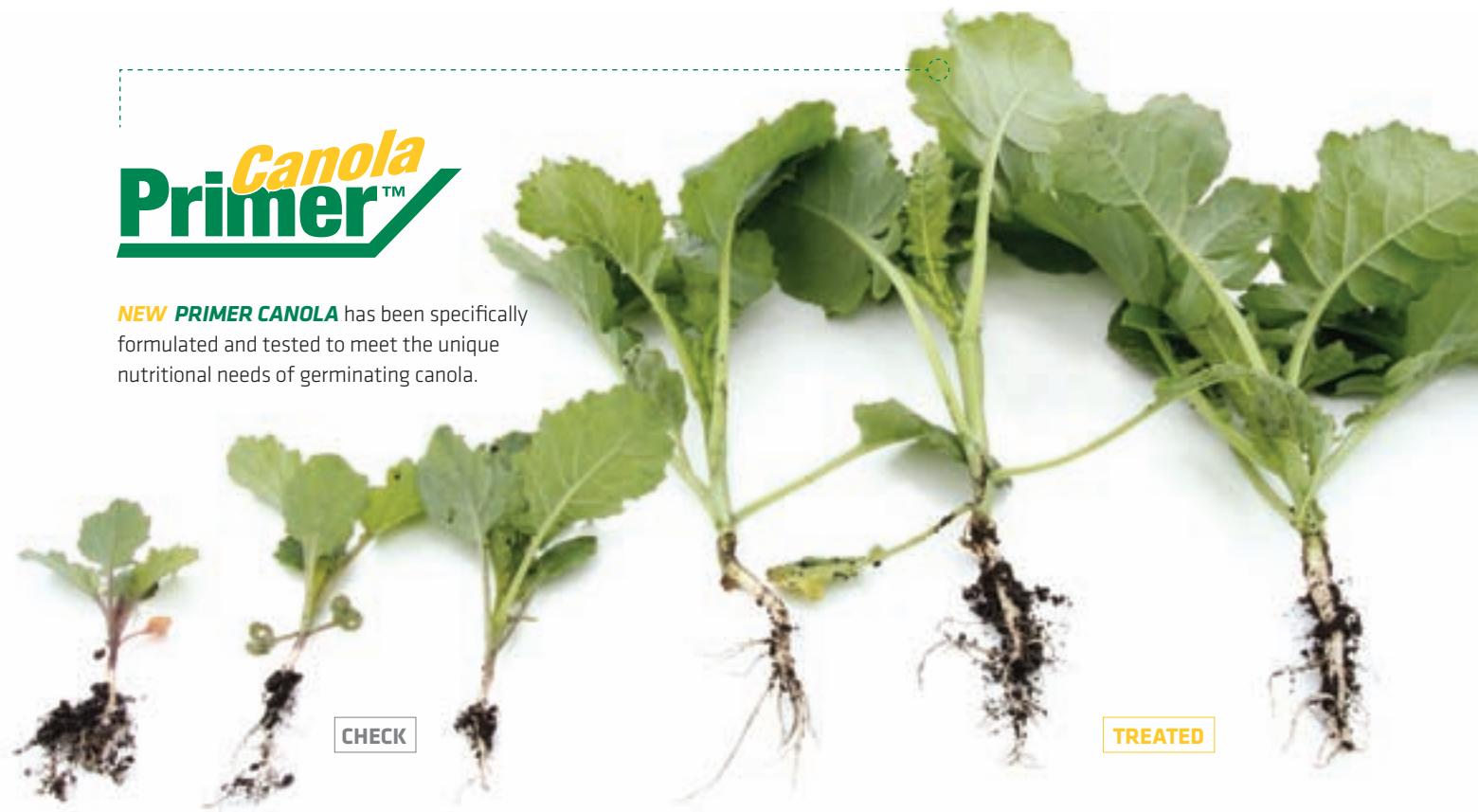
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Growers List



CANOLA

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Winnipeg; Canterra Seeds Ltd.....	204-988-9750	C
Winnipeg; Canterra Seeds Ltd.....	204-988-9750	C

RED RIVER 1861

Gilbert Plains; Tokar, Bob & Stoughton, Murray.....	204-548-2805	C
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FLAX

AAC Bravo©

Domain; Manness, Ronald & Patricia & Graeme	204-736-2622	S
Somerset; Sierens, Joseph & Chris	204-744-2883	S

CDC BETHUNE©

Boissevain; Froese, Wesley A.J. & Ian	204-534-6846	C
Boissevain; Latimer, Kevin B. & Duane E.....	204-534-6631	C
Carman; Elias, Isaac	204-745-3301	C
Crystal City; Buchanan, Kenneth S. & Dean K.....	204-873-2661	C
Domain; Manness, Clayton & Scott & Alan	204-736-2922	C
Domain; Manness, Ronald & Patricia & Graeme	204-736-2622	C
Killarney; Brinkschulte, Hermann	204-523-7464	R
Milden; Bailey, George & Roy G. & Ralph J. & C. & B.....	306-935-4702	R
Notre Dame; Durand, Gabriel A. & Marc.....	204-248-2268	C
Oak River; Henry, Cameron & Mc Lean, Eric	204-566-2422	C
Oakville; Miller, Darcy Charles	204-267-2283	R
Reston; Greig, Fred L. & Fotheringham, John A. (Jack)....	204-877-3813	C

CDC SORREL©

Carman; Menold, Thomas	204-745-3377	C
Deloraine; Bolduc, Ronald And Bell, A.J. & J.C.....	204-747-2913	C
Elie; Lachance, J.B. Adrien & Paul M. & Lionel.....	204-353-2694	C
Elphinstone; Gerrard, Jody	204-759-2213	C
Foxwarren; Graham, George Arthur	204-683-2367	R
Notre Dame; Durand, Leo	204-248-2372	C
Portage; Pugh, William G. & B.M.....	204-274-2179	R
Sanford; Schlichting, Martin.....	204-736-4068	C
Somerset; Van Deynze, Marc	204-744-2384	C
Stonewall; Unger, Ronald K. & Darcy	204-467-8630	C
Wawanesa; Ellis, Warren P. & Simon.....	204-824-2290	C

HANLEY©

La Salle; Wiens, Edward & Ernie	204-736-2646	C
Sanford; Bergen, Edward Harry & Tim.....	204-736-2278	R
Winnipeg; James, David J. & Dorothy	204-222-8785	C

Minimum Damage MAXIMUM GERMINATION



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LIGHTNING©

Crandall; Doupe, Neil D.....	204-562-3632	C
Plumas; Court, Randolph A. & Jeanine.....	204-386-2354	C
Somerset; Sierens, Joseph & Chris	204-744-2883	R

PRAIRIE SAPPHIRE©

Arborg; Fridfinnson, Eric Numi	204-376-5180	C
Boissevain; Armstrong, Duncan T. & A.J.....	204-534-2566	R
Roblin; Mann, Ryan L.C.....	204-937-2154	C

PRAIRIE THUNDER©

Reston; Greig, Fred L. & Fotheringham, John A. (Jack)....	204-877-3813	R C
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MUSTARD

AAC A100©

Winnipeg; Canterra Seeds Ltd.....	204-988-9750	C
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SOYBEANS

004R21

Altona; Martens, Wesley J.....	204-324-6061	C
Dufrost; Catellier, Guy R.....	204-347-5534	C
Gretna; Krahm, Kevin	204-327-6444	C
Morris; Enns, Art.....	204-746-8522	C
St. Jean Baptiste; Lafond, Normand.....	204-758-3933	C
Winkler; Delmar Commodity Ltd.	888-974-7246	C

23-10RY

Tillsonburg; Monsanto Canada Inc.....	519-688-9888	S F C
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24-10RY

Homewood; Foebe, Earl W., Bruce D. & Murray	204-745-2868	C
Tillsonburg; Monsanto Canada Inc.....	519-688-9888	C

25-10RY

Tillsonburg; Monsanto Canada Inc.....	519-688-9888	R C
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32004R2Y

Altona; Martens, Wesley J.....	204-324-6061	C
Aubigny; Chartier, Remi.....	204-347-5534	C
Dufrost; Catellier, Guy R.....	204-347-5534	C
Morris; Dueck , Arthur	204-746-2026	C

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Stonewall; Quarry Grain Commodities Inc. 204-467-8877 F C
 Stonewall; Quarry Grain Commodities Inc. 204-467-8877 C
 Winkler; Ens, Abram E.& Christopher & Friesen, Jake 204-325-4658 S

900Y61

Carman; Dyck, Ron A. & Ben 204-626-3283 R
 Carman; Mc Knight, H.S.A. (Bud) 204-745-2310 R
 Chatham; Pioneer Hi-Bred Production L.P. (Soybeans) 800-265-0554 S F R C
 Grosse Isle; Rutherford, Jack A. & Rick 204-467-5613 R C

900Y71

Carman; Lehmann, Doug 204-745-3032 R
 Chatham; Pioneer Hi-Bred Production L.P. (Soybeans) 800-265-0554 S F R C
 Domain; Erb, Roland 204-736-2710 C
 Grosse Isle; Rutherford, Jack A. & Rick 204-467-5613 C
 Morden; Dalke, Irvin 204-822-3662 C

900Y81

Chatham; Pioneer Hi-Bred Production L.P. (Soybeans) 800-265-0554 S F R C

ASTRO R2

Morris; Dueck , Arthur 204-746-2026 S F C
 Stonewall; Quarry Grain Commodities Inc. 204-467-8877 C

BEURLING R2

Morris; Hamblin, Donald & Bradley 204-746-8233 R
 Winnipeg; James, David J.& Dorothy 204-222-8785 R

BISHOP R2

Carman; Menold, Thomas 204-745-3377 R
 Morden; Park, Robert J. 204-745-0088 R
 Portage; Askin, Raymond T. & Jeffrey S. 204-274-2417 R
 Warren; Riddell, Clifford Royden & Craig Thomas 204-227-5679 R

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CHADBURN R2

Altona; Wiebe, Henry D. & Lloyd 204-324-8036 R C
 Carman; Menold, Thomas 204-745-3377 C
 Carman; Menold, Ulrich 204-745-2822 S F C
 Darlington; Wilson, James M. 204-246-2388 F C
 Domain; Johnson, David & Don 204-746-0275 C
 Dufrost; Catellier, Guy R. 204-347-5534 C
 Dufrost; Catellier, Patrick Raymond 204-347-5503 C
 Hazelridge; Saramaga, Robert P. & Andrew 204-755-2817 S F C
 Morden; Park, Robert J. 204-745-0088 C
 Morris; Hamblin, Donald & Bradley 204-746-8233 C
 Oak Bluff; Anseeuw , Mark J. 204-895-8375 C
 Oakville; Miller, Darcy Charles 204-267-2283 C
 Portage; Askin, Raymond T. & Jeffrey S. 204-274-2417 C
 Rosser; Krym, Lynden 204-467-5143 S F C
 Sanford; Bergen, Edward Harry & Tim 204-736-2278 C
 Stonewall; Unger, Ronald K. & Darcy 204-467-8630 C
 Warren; Riddell, Clifford Royden & Craig Thomas 204-227-5679 R C
 Whitemouth; Klepatz, Wayne 204-348-2294 R
 Winnipeg; James, David J.& Dorothy 204-222-8785 C

CURRIE R2

Altona; Wiebe, Henry D. & Lloyd 204-324-8036 C
 Carman; Menold, Thomas 204-745-3377 C
 Dufrost; Catellier, Patrick Raymond 204-347-5503 C
 Winkler; Ens, Abram E.& Christopher & Friesen, Jake 204-325-4658 C

HS 006RYS24

Blenheim; Thompsons Limited 519-676-1863 C
 La Salle; Turski, Robert 204-736-4130 C
 Morden; Park, Robert J. 204-745-0088 C
 Plum Coulee; Janzen, Ken & Ernie A. 204-829-7749 S F R C

LS 005R22

Dufrost; Catellier, Guy R. 204-347-5534 C
 Dufrost; Catellier, Roger & Richard 204-347-5503 C
 Sanford; Bergen, Edward Harry & Tim 204-736-2278 C
 St. Jean Baptiste; Lafond, Yan 204-758-3933 C
 Winkler; Delmar Commodity Ltd. 888-974-7246 C

LS 006R21

Winkler; Delmar Commodity Ltd. 888-974-7246 C
 Winkler; Peters, Ray 204-829-3625 C

LS 007R22

Dufrost; Catellier, Guy R. 204-347-5534 C

LS003R22

Sanford; Bergen, Edward Harry & Tim 204-736-2278 C
 Winkler; Delmar Commodity Ltd. 888-974-7246 C

NSC ANOLA RR2Y

Boissoeain; Froese, Wesley A.J. & Ian 204-534-6846 R
 Domain; Manness, Ronald & Patricia & Graeme 204-736-2622 S R
 Domain; Northstar Genetics Canada 204-736-2849 R
 Domain; Pitura, Carl & Calvin C. 204-736-2849 R
 Grosse Isle; Rutherford, Jack A. & Rick 204-467-5613 R
 Hazelridge; Saramaga, Robert P. & Andrew 204-755-2817 R
 Reston; Greig, Fred L. & Fotheringham, John A. (Jack).... 204-877-3813 R
 Rosenort; Friesen, Rick & Lloyd 204-746-8325 R

NSC BALMORAL RR2Y

Domain; Manness, Ronald & Patricia & Graeme 204-736-2622 R
 Domain; Northstar Genetics Canada 204-736-2849 C
 Fannystelle; Nadeau, Brian 204-436-2469 C
 Rosenort; Friesen, Rick & Lloyd 204-746-8325 C

NSC ELIE RR2Y

Altona; Wiebe, Henry D. & Lloyd 204-324-8036 C
 Boissoeain; Froese, Wesley A.J. & Ian 204-534-6846 R
 Domain; Manness, Ronald & Patricia & Graeme 204-736-2622 C
 Domain; Pitura, Carl & Calvin C. 204-736-2849 S F C
 Fannystelle; Nadeau, Brian 204-436-2469 R
 Grosse Isle; Northstar Genetics Manitoba, 701-454-6427 C
 Hazelridge; Saramaga, Robert P. & Andrew 204-755-2817 C
 Homewood; Froebe, Earl W., Bruce D. & Murray 204-745-2868 R C
 Plum Coulee; Giesbrecht, H. Edward & Raymond J. 204-829-3365 C
 Rosenort; Friesen, Rick & Lloyd 204-746-8325 C



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NSC LIBAU RR2Y

Domain; Manness, Ronald & Patricia & Graeme	204-736-2622	C
Domain; Northstar Genetics Canada	204-736-2849	C
Domain; Pitura, Carl & Calvin C.	204-736-2849	C
Fannystelle; Nadeau, Brian	204-436-2469	C
Grosse Isle; Northstar Genetics Manitoba,	701-454-6427	C
Grosse Isle; Rutherford, Jack A. & Rick	204-467-5613	S R C
Homewood; Froebe, Earl W., Bruce D. & Murray	204-745-2868	R C
Neepawa; Northstar Seed Ltd.	204-476-5241	C
Oak Bluff; Gousseau, Marcel E.	204-895-1357	C
Oak River; Henry, Cameron & Mc Lean, Eric	204-566-2422	C
Reston; Greig, Fred L. & Fotheringham, John A. (Jack)....	204-877-3813	C
Rosenort; Friesen, Rick & Lloyd.....	204-746-8325	C

NSC OSBORNE RR2Y

Domain; Manness, Ronald & Patricia & Graeme	204-736-2622	C
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NSC RICHER RR2Y

Domain; Manness, Ronald & Patricia & Graeme	204-736-2622	C
Domain; Northstar Genetics Canada	204-736-2849	R
Domain; Northstar Genetics Canada	204-736-2849	R
Domain; Pitura, Carl & Calvin C.	204-736-2849	S C
Fannystelle; Nadeau, Brian	204-436-2469	R
Grosse Isle; Northstar Genetics Manitoba,	701-454-6427	C
Homewood; Froebe, Earl W., Bruce D. & Murray	204-745-2868	R
Plum Coulee; Giesbrecht, H. Edward & Raymond J.	204-829-3365	R
Rosenort; Friesen, Rick & Lloyd.....	204-746-8325	C

OAC ERIN

Homewood; Froebe, Earl W., Bruce D. & Murray	204-745-2868	C
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OAC PRUDENCE

Carman; Menold, Ulrich.....	204-745-2822	S F
Domain; Wiens, Robert Frank	204-736-2951	R C
Morris; Hamblin, Donald & Bradley	204-746-8233	R

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AC Carberry
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OAC Prudence
OAC Erin

RR Varieties

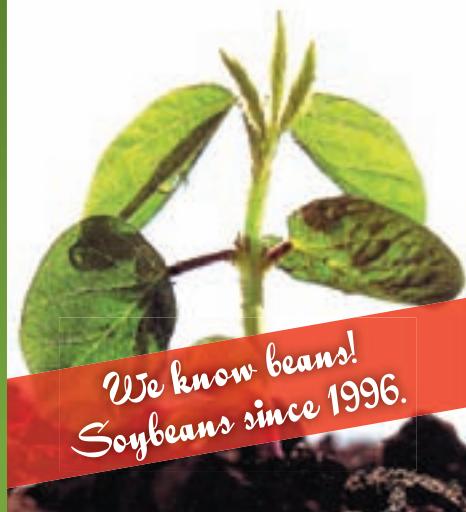
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PEKKO R2

Boissevain; Froese, Wesley A.J. & Ian	204-534-6846	C
Elm Creek; Lepp, Harry Rudy	204-436-2125	C
Fannystelle; Nadeau, Brian	204-436-2469	C
Plum Coulee; Janzen, Ken & Ernie A.	204-829-7749	F
Reston; Greig, Fred L. & Fotheringham, John A. (Jack)....	204-877-3813	C
Sanford; Schlichting, Martin.....	204-736-4068	C
St. Anne; Dueck, Jacob Eldon, Brian J. & Ken G.	204-355-4495	R
St. Norbert ; Brett-Young Seeds Limited	204-261-7932	S F R C
St. Norbert ; Brett-Young Seeds Limited	204-261-7932	S C

PRO2525R2

Altona; Martens, Wesley J.	204-324-6061	C
Dufrost; Catellier, Guy R.	204-347-5534	C

PS 0083 R2

Chatham; Agrelian Genetics Inc. (Pride Seeds).....	519-354-3210	S C
Mac Gregor; Hulme, Lorne.....	204-685-2627	C

S00-B7

Cottam; Syngenta Canada, Inc.	519-839-4851	F R
Lowe Farm; Penner, Curtis.....	204-829-3556	S

S00-W3

Cottam; Syngenta Canada, Inc.	519-839-4851	F R C
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SAMPSA R2

St. Norbert ; Brett-Young Seeds Limited	204-261-7932	S F C
Winkler; Dyck, Patrick J.	204-325-7803	C

TH 33008R2Y

Morris; Dueck , Arthur	204-746-2026	S F
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204.734.4899



November 2012

To our valued customers,

Meridian is pleased to announce our merger with Sakundiak and Behlen, sister companies to Meridian under our parent company WGI Westman Group Inc. Effective January 1, 2013, all Behlen, Sakundiak and Meridian agriculture products will be marketed and sold under the Meridian brand.

Behlen agriculture products offer a diverse product line of galvanized hopper bins and cost effective on-farm building solutions. Sakundiak compliments this product line with large flat bottom galvanized bins and industry leading grain augers.

The Meridian brand has become synonymous with excellence and customer satisfaction, and we continue to grow in both geographic reach as well as product offering. Our commitment to our customers is second to none, hence our pursuit of new technologies and innovations to meet customer needs.

We are pleased to tell you that the Meridian agricultural products now include: smooth-wall hopper bins, galvanized hopper and flat bottom bins, aeration, grain rings, bulk seed tenders, grain augers, auger movers, conveyors, arch-wall and on-farm buildings, fuel tanks and custom built hopper bins.

To better meet your on-farm storage and handling needs, we bring together these innovative products under one strong, trusted brand – MERIDIAN.

Behlen, Sakundiak and Meridian pride themselves on commitment to the highest quality and customer service that is unmatched in the industry; this will continue to be our key mandate. Our customers will continue to receive the same quality product and service they have come to expect from Meridian.

We look forward to serving you in the future and encourage you to visit your local dealer to learn more about Meridian's Storage and Handling products. Or visit our website at www.meridianmfg.com.

Sincerely,

A handwritten signature in black ink, appearing to read "Glenn Friesen".

Glenn Friesen
Senior Vice President, Sales and Marketing
Meridian Manufacturing Group

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BUILT TO MOVE. BUILT TO STORE. BUILT FOR YOUR FARM.



Bulk Seed Tenders



Quonset



Grain Augers



Belt Conveyors



1947

Sakundiak opens its first plant to manufacture disc harrows in Saskatchewan. The first plant employed only 3 employees building disc harrows. Production soon changed to grain augers, and the first auger manufactured was only 24' long with a 6" diameter



1969

Behlen releases their pre-engineered steel building systems. Behlen's steel building systems division would soon become the largest in Canada

1974

Sakundiak's auger division moves to a new, larger location outside Regina, Saskatchewan. The added floor space helped meet the demand for increasingly larger augers



1979

Wheatland Bins opens in Lethbridge, Alberta



1965

Friesen launches its first, all-welded, smooth-wall steel hopper bin. The Friesen Bin soon became the preferred alternative to corrugated galvanized storage for seed, feed and fertilizer. Additional manufacturing space was soon added to meet the growing demand

1965

Sakundiak develops an auger with a self leveling. The product is eventually patented for this unique feature



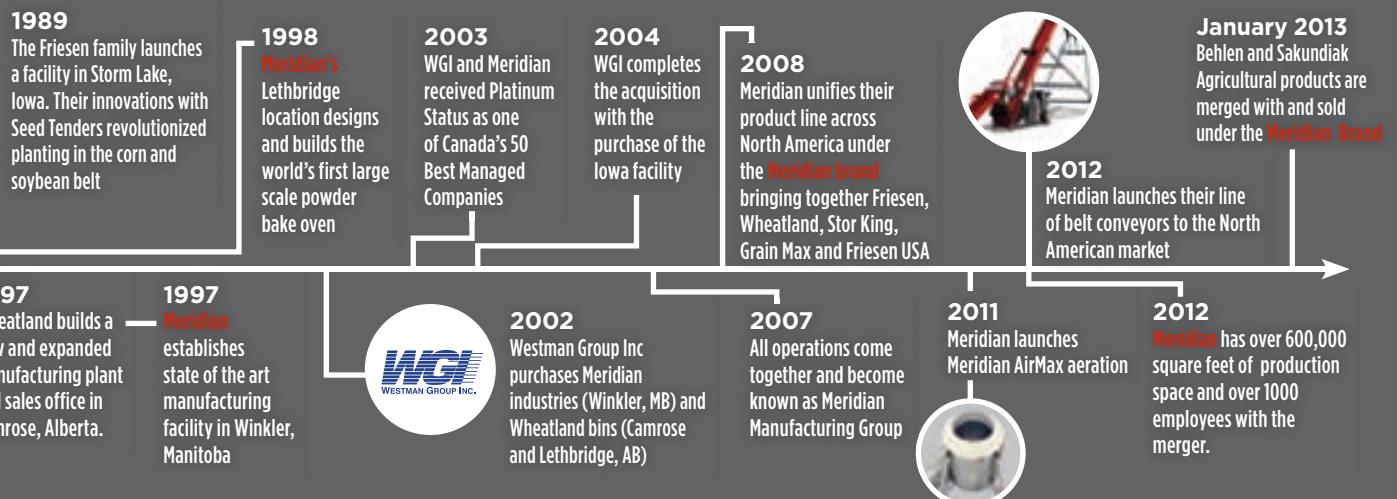
1977

Behlen launches their line of flat floor, galvanized grain silos. This style of silo has come to be depended upon by farmers world-wide

1984

Wheatland opens an additional sales office in Camrose, Alberta

For all your storage and handling needs there is a Meridian product built for the job. From fuel to grain to fertilizer to seed we've designed our product lines with you in mind, so they work for your farm. To learn more, visit www.MeridianMFG.com.



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We are truly grateful to you for choosing Meridian products for your storage and handling needs.

On behalf of the 900 staff at Meridian, we hope that you have benefited from the enhanced quality of our products and services. We will continue our efforts to meet your requirements and exceed expectations in the future.

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Variety Description Key

For the pulse crop types of Fababeans, Field Beans and Lentils, a "CHECK CHARACTERISTICS" box has been placed at the bottom of each table, to display the long term yield, number of site years, maturity and any other check attributes.

For the Field Pea table, a grey box has been placed at the bottom of the table and displays the Grand Mean for Yield (bu/acre) and the corresponding LSD value ($p < 0.05$).

Except for long term average yield, variety description information was obtained from the Co-operative Registration Trials.

"Resistance to" ratings: VG = Very Good; G = Good; F = Fair; P = Poor; VP = Very Poor; "n/a" = not available

In the Fababean, Field Bean and Lentil tables, Site Years Tested is the cumulative number of locations over the years that a variety has been tested either against the check variety. In the Field Pea table, Site Years Tested is the cumulative number of locations over the years that a variety has been tested. The more site years, the more dependable the data.

Ⓐ Indicates a variety that is protected by Plant Breeder's Rights or a variety where protection has been applied for but not yet granted at time of printing.

TKW (Thousand Kernel Weight) is the weight in grams of 1000 seeds.

Key to 2012 Yield Tables

Yields derived over 2 or more growing seasons are the best indicator of variety performance. For new varieties, the average yield over all sites is more reliable than data from a single location. Use single site year data with caution.

CV % = Coefficient of Variation. A measure of random variation in a trial. A low CV is desirable.

LSD = Least Significant Difference. Varieties must differ by the LSD to be considered significantly different from one another.

Sign Diff = Significant Difference. Indicates if a real difference exists between varieties at an individual site.

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Manitoba Seed Growers' Association
Box 121, RR#3, Carman, MB
204-745-6274
www.seedmanitoba.ca

Manitoba Agriculture, Food and Rural Initiatives Variety Guide

FABABEANS

Comments:

The fababean variety trials were tested by MCVET and partially sponsored by the Manitoba Pulse Growers Association.

In 2012, trials were located at Arborg, Melita and Roblin. However, Arborg and Melita trials were lost due to disease and the Roblin trials had excess moisture damage. Data is reprinted from 2011.

Variety Descriptions

Variety	Yield % Check	Site Years Tested	Type ¹	Seed Size TKW (g)	Tannin ¹		Zero Tannin ¹	
					2011 Yield % of CDC Fatima	Arborg Roblin	2011 Yield % of Snowbird	Arborg Roblin
CDC Fatima	100	30	Tannin	523	100	100	—	—
Florent	103	8	Tannin	523	105	117	—	—
Taboar	95	10	Tannin	471	103	114	—	—
Snowbird	100	8	Zero Tannin	502	—	—	100	100
Varieties that are being tested or proposed for registration								
FB34-2	93	5	Zero Tannin	347	—	—	93	89
Divine	102	11	Tannin	551	109	111	—	—
Melodie	108	11	Tannin	516	122	128	—	—
CHECK CHARACTERISTICS					CDC Fatima (lb/acre)		5345	4545
CDC Fatima	3628 lb/ac	30 site years			CV %	7.1	6.9	
					LSD %	12	11	
					Sign Diff	Yes	Yes	
					Snowbird (lb/acre)		5439	4909
CDC Snowbird	4927 lb/ac	8 site years			CV %		11.8	4.8
					LSD %		20	8
					Sign Diff	Yes	Yes	

¹ Traditionally tannin fababean tan coloured seed coats contain tannins and can't be fed directly to livestock. Zero tannin fababean have white seed coats and can be fed directly to livestock.



Manitoba
Pulse Growers
Association Inc.

MPGA is proud to support the MCVET pulse
and soybean post-registration variety trials.

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www.manitobapulse.ca

FIELD BEANS — Western Manitoba Adaptation Trials (formerly called Narrow Row trials)

Comments:

Long term yield data and days to maturity are from Manitoba Pulse Growers Association Trials grown in 10 to 12 inch row spacing.

More detailed measurements from the trials are available to MPGA members and will be distributed in the December Special Edition of the Pulse Beat magazine.

Days to maturity is critical. Do not select a variety that will not mature in time, under normal growing conditions. Early fall frost severely affects yield and quality.

Consult your local MASC agent for information on insurability of edible beans in your area.

Variety Descriptions

Bean Class	Variety	Years Tested					Yield % Check	Site Years Tested	Days to ¹ Maturity	Plant ² Type
		2012	2011	2010	2008	2007				
Small Seeded Types										
Navy	Envoy	x	x	x	x	x	100	33	0	I
Navy	Skyline	x	x	x			80	5	3	I
Navy	Lightning	x	x	x			117	5	2	II
Navy	OAC Spark	x	x				111	5	-4	I
Navy	1190m-13	x	x				128	5	-4	III
Black	Carman Black	x	x				146	5	1	II
Black	CDC Jet	x	x	x	x	x	110	24	2	II
Black	CDC Superjet	x	x				86	3	2	II
Black	CDC Blackcomb	x	x	x	x		132	5	-2	II
Large Seeded Types										
Pinto	AC Ole	x	x	x			122	11	8	II
Pinto	CDC Pintium	x	x	x	x	x	100	33	0	I
Pinto	Winchester	x					105	4	5	II
Pinto	Island	x	x	x	x		118	10	3	II
Pinto	Mariah	x	x	x			110	5	4	II
Pinto	Winmor	x	x	x	x		122	7	5	II
Pinto	2537-12	x					87	3	-2	I
Pinto	CDC WM-2	x	x	x			110	5	4	III
Pink	2171-2	x					113	2	1	I
Yellow	CDC Sol	x					110	2	19	I
CHECK CHARACTERISTICS										
Bean Grouping		Check Varieties			Yield (lbs/acre)		Site Years	Days to Maturity		
Small seeded		Envoy			1778		33	101		
Large seeded		CDC Pintium			2008		33	98		

1 Maturity data provided to compare relative differences among varieties - actual maturity will vary depending on seasonal growing conditions.

2 Growth Habit: I - determinate bush, II - indeterminate bush, III - indeterminate vine

FIELD BEANS — Wide Row Trials

Varieties or Lines Tested for the First Time in 2012

Navy: ISB 1815-2, ISB 1816,

Pinto: Max, Sequoia, CDC WM-2

Black: CDC Blackcomb

Small Red: SR47-3-3

Great Northern: GN13-10-1, 99118

Light Red Kidney: 9350, 9351

Comments:

Individual site and more detailed measurements from these trials are available to Manitoba Pulse Growers Association (MPGA) members and are distributed free in the Winter Edition of the Manitoba Pulse Beat to all MPGA members in good standing.

Long term yield data and days to maturity are from Manitoba Pulse Growers Association Trials conducted by Agriculture and Agri-Food Canada. Results are from row crop trials located at Morden, Portage, Carman/Graysville, and Winkler/Plum Coulee sites.

Days to maturity is critical. Do not select a variety that will not mature in time, under normal growing conditions. Early fall frost severely affects yield and quality. Consult your local MASC agent for information on insurability of edible beans in your area.

Variety Descriptions¹

MARKET CLASS/Variety	Years Tested						Yield % Check	Site Years Tested	Days to ² Maturity +/- Check
	2012	2011	2010	2009	2008	2007			
NAVY									
AC Cruiser	x	x	x	x	x	x	122	41	5
Cargo	x	x	x	x	x	x	104	37	-1
Envoy	x	x	x	x	x	x	100	57	0
Galley		x	x	x	x	x	113	22	3
Aspen	x						120	16	3
HY4181		x	x	x			123	9	2
Lightning	x	x	x	x	x		125	17	1
Portage	x	x	x	x			130	13	1
OAC Spark	x	x	x				101	17	-4
T9903	x	x	x	x	x	x	119	33	1
T9905	x	x	x	x			139	13	5
Varieties that are registered in the US or being tested or proposed for registration in Canada									
07073		x					100	4	4
ISB 1815-2	x						130	4	1
ISB 1816	x						128	4	4
Indi	x		x				135	5	4
NA06-002		x					80	4	5
PINTO									
AC Ole	x	x	x	x	x	x	91	23	-1
AC Pintoba	x	x	x	x		x	94	30	3
CDC WM-2	x						89	4	0
Island		x	x	x	x		83	11	-4
Mariah	x	x	x	x	x		93	17	-1
Maverick	x	x	x	x	x	x	90	26	1
Medicine Hat	x		x	x			90	16	-4
Winchester		x					86	4	-2
Windbreaker	x	x	x	x	x	x	100	34	0
Varieties that are registered in the US or being tested or proposed for registration in Canada									
Max	x						91	4	4
Sequoia	x						84	4	5
Stampede	x		x				92	7	2
06185		x					90	4	3
06189		x					92	7	2
cob 2824-99	x	x	x				97	10	-1
GTS 907	x	x	x				100	10	0
La Paz		x	x	x			96	14	2
Sinaloa	x						95	7	2
PIN DJ09-1012		x					103	4	0
ND 307	x		x				102	7	4
C6V-1237	x						93	4	-1
BLACK									
Black Violet	x	x	x	x	x		96	18	2
Carman Black	x	x	x	x			96	13	1
CDC Jet	x	x	x	x	x	x	92	22	1
Eclipse	x	x	x	x	x		100	22	0
CDC Superjet	x	x	x				89	10	1
CDC Blackcomb	x						87	4	1
Varieties that are registered in the US or being tested or proposed for registration in Canada									
04352		x					84	4	4
06252		x	x	x			84	9	3
06253		x					79	4	1
Bandit		x	x				75	6	dfm 3
Black Velvet		x					103	6	3
PINK									
Varieties that are registered in the US or being tested or proposed for registration in Canada									
Pink Floyd			x	x	x		109	8	0
ROG 922		x		x	x		100	12	0
SMALL RED									
AC Earlired	x	x	x	x	x		100	44	0

FIELD BEANS (continued)

Market Class/Variety	Years Tested						Yield % Check	Site Years Tested	Days to ² Maturity +/- Check
	2012	2011	2010	2009	2008	2007			
Varieties that are registered in the US or being tested or proposed for registration in Canada									
SR47-3-3	x						113	4	5
09304		x					122	4	7
CRANBERRY									
Cran 09	x	x	x	x	x	x	100	44	0
Etna	x	x	x	x	x	x	99	36	2
Red Rider		x	x				87	7	dfm ³
GREAT NORTHERN									
Beryl R	x		x	x	x		100	45	0
Varieties that are registered in the US or being tested or proposed for registration in Canada									
GN13-10-1	x						85	3	1
99118	x						94	7	1
DARK RED KIDNEY									
ROG802	x	x	x	x			100	31	0
OAC Redstar	x	x					105	7	dfm ³
Varieties that are registered in the US or being tested or proposed for registration in Canada									
Red Rover		x					67	3	1
LIGHT RED KIDNEY									
Foxfire		x	x	x	x		94	31	-3
Pink Panther	x	x	x	x	x		100	34	0
Varieties that are registered in the US or being tested or proposed for registration in Canada									
Clouseau	x		x		x		104	6	2
9350	x						109	3	-1
9351	x						91	3	-2
WHITE KIDNEY									
GTS 402	x	x					87	14	-2
YELLOW									
CDC Sol	x	x	x				81	10	6
Varieties that are registered in the US or being tested or proposed for registration in Canada									
8560863	x						57	4	dfm ³
Check Varieties	Bean Type	First Year Tested			Yield lbs/acre	Site Years Tested		Days to Maturity	
Envoy	Navy	1994			2021	57		100	
Windbreaker	Pinto/Yellow	2002			2691	34		97	
Eclipse	Black	2005			2307	22		100	
ROG 922	Pink	2005			1964	12		100	
AC Earlired	Small Red	1999			2262	44		94	
Cran 09	Cranberry	2000			1875	44		99	
Beryl R	Great Northern	2002			2483	45		100	
ROG802	Dark Red Kidney	1997			1728	31		101	
Pink Panther	Light Red Kidney/White Kidney	2001			2016	34		100	

1 Long term Average Yield is the best indicator of variety performance. Use single site-year data with caution.

2 Due to different weather conditions each year, the actual number of days it takes a variety to fully mature varies from year to year. Choosing a variety that needs a longer growing season than your farm increases your risk of frost damage and lower returns.

3 Indicates variety did not mature in one or more sites.

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LENTILS

Comments:

The lentil variety trial is coordinated with the Saskatchewan Regional Variety testing program; therefore the seed source is the same as used in the Saskatchewan trials.

The lentil variety trial was tested by MCVET and partially sponsored by the Manitoba Pulse Growers Association.

Clearfield lentils are tolerant to the herbicide Odyssey. These varieties are easily identified by the "CL" designation at the end of the name.

Variety Descriptions

Market Class	Variety	Yield	Site	Resistance to			Seed Wt (TKW)	Cotyledon Colour	2012 Yield:	
		% Check	Years Tested	Maturity ¹	Asochyta	Anthracnose ¹			Hamiota	
Small green	CDC Invincible CL	78	9	Early	G	G	35	Yellow	90	
	CDC Milestone	89	17	Early	G	VP	37	Yellow	—	
	Eston	88	14	Early	VP	VP	33	Yellow	—	
Medium green	CDC Imigreen CL	65	9	Medium	G	F	63	Yellow	71	
	CDC Impress CL	71	11	Medium	G	P	52	Yellow	81	
	CDC Richlea	91	14	Medium	VP	VP	51	Yellow	—	
Large green	CDC Greenland	74	14	Med/Late	G	VP	64	Yellow	—	
	CDC Empower CL	68	5	Medium	G	P	74	Yellow	—	
	CDC Improve CL	77	14	Medium	F	VP	67	Yellow	67	
	CDC Plato	77	18	Med/Late	G	P	62	Yellow	79	
	Laird	69	14	Very Late	VP	VP	67	Yellow	—	
French green	CDC Peridot CL	81	9	Early	G	P	40	Yellow	78	
Extra small red	CDC Robin	84	17	Early	G	G	30	Red	—	
	CDC Impala CL	84	11	Early	G	G	31	Red	84	
	CDC Imperial CL	83	15	Early	G	G	30	Red	83	
	CDC Redbow	88	8	Early/Med	G	G	42	Red	—	
	CDC Rosebud	90	8	Early	G	G	29	Red	—	
	CDC Rosetown	94	15	Early	G	G	31	Red	104	
Small red	CDC Imax CL	85	9	Medium	G	G	50	Red	95	
	CDC Impact CL	82	14	Early	G	P	34	Red	—	
	CDC Maxim CL	103	11	Early/Med	G	G	40	Red	112	
	CDC Red Rider	92	5	Early/Med	G	F	45	Red	—	
	CDC Redberry	100	18	Early/Med	G	G	42	Red	100	
	CDC Redcoat	82	8	Early	G	G	40	Red	—	
Large red	CDC KR-1	79	8	Medium	G	G	56	Red	—	
CHECK CHARACTERISTICS							CDC Redberry (lb/ac)		3222	
CDC Redberry							CV%		4.1	
3022 lb/ac							LSD%		7	
18 site years							Sign Diff		Yes	
							Seeding Date		15-May	
							Harvest Date		24-Sep	

¹ Ratings determined in Saskatchewan and may not be accurate under wetter growing conditions present in Manitoba.



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FIELD PEAS

New for 2013

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Variety	Code	Type	Distributor	Seed Availability
CDC Saffron	CDC 2093-22	Yellow	Saskatchewan Pulse Growers	2014

Comments:

The field pea variety trial is coordinated with the Saskatchewan Regional Variety testing program; therefore the seed source is the same as used in the Saskatchewan trials.

Variety Descriptions

Variety	Site Years Tested	Yield bu/acre	Relative ¹ Maturity	Relative ¹ Vine Length	Seed Size (TSW)	Green ² seed coats	Resistance to:						
							Lodging	Powdery Mildew	Mycos- phaerella	Fusarium ³ Wilt	Seed Coat Breakage	Seed Coat	
										Bleaching		Dimpling	
Yellow													
Agassiz	34	72	E-M	M	230	n/a	G	VG	F	F	n/a	G	n/a
Argus	14	67	M	M	230	n/a	G	VG	F	F	n/a	F	n/a
Canstar	20	69	E	M	240	n/a	G	VG	P	G	n/a	G	n/a
CDC Bronco	31	59	M	M	230	G	G	VG	F	F	n/a	G	G
CDC Centennial	20	69	E	M	270	F	F	VG	F	F	n/a	G	G
CDC Golden	39	64	M	M	230	G	G	VG	F	F	n/a	G	G
CDC Hornet	27	67	M	M	220	G	G	VG	F	F	n/a	F	G
CDC Meadow	47	70	E	M	220	G	G	VG	F	F	n/a	G	G
CDC Minuet	22	67	M	M	190	F	F	VG	F	F	n/a	F	G
CDC Mozart	38	67	M	S	220	F	F	VG	F	F	n/a	G	G
CDC Prosper	29	62	E	M	150	G	G	VG	F	G	n/a	G	F
CDC Saffron	5	66	M	M	250	G	G	VG	F	P	n/a	G	G
CDC Treasure	34	67	E	M	210	G	G	VG	F	G	n/a	F	F
Cutlass	62	65	M	M	220	G	G	VG	F	F	n/a	F	F
DS-Admiral	20	65	E	M	240	G	G	VG	F	F	n/a	G	G
Eclipse	66	68	M	M	250	G	G	VG	F	F	n/a	G	F
FUSION	21	66	M	M	245	n/a	G	VG	P	P	n/a	F	n/a
Hugo	14	67	M	M	220	n/a	G	VG	F	G	n/a	G	n/a
Polstead	35	67	M	S	280	n/a	G	VG	P	P	n/a	F	n/a
Reward	20	68	M	M	240	n/a	G	VG	F	F	n/a	G	n/a
SW MIDAS	29	66	E	M	220	G	G	VG	F	F	n/a	G	G
SW SALUTE	23	66	M	M	220	F	F	VG	F	P	n/a	F	F
Sorento	28	67	M	M	260	n/a	F	VG	F	F	n/a	G	n/a
Thunderbird	26	69	M	M	220	n/a	G	VG	F	F	n/a	G	n/a
Tudor	19	65	M	M	270	F	G	VG	P	F	n/a	F	G
Green													
CDC Montero	24	63	L	M	230	n/a	F	VG	F	F	F	G	F
CDC Patrick	33	65	M	M	190	n/a	G	VG	F	G	G	G	F
CDC Pluto	9	66	M	M	160	n/a	F	VG	F	F	G	G	n/a
CDC Sage	19	57	M	M	220	n/a	G	VG	F	G	G	G	F
CDC Striker	55	62	M	M	230	n/a	G	P	F	G	G	VG	G
CDC Tetris	20	66	L	M	210	n/a	G	VG	F	G	G	G	G
COOPER	47	66	L	M	270	n/a	G	VG	F	F	G	F	G
Nitouche	12	63	M	M	250	n/a	G	P	P	P	G	F	F
Other Pea types													
CDC Rocket (Maple)	19	61	M	M	210	G	F	VG	F	n/a	n/a	n/a	G
CDC Dakota (Dun)	14	72	M-L	M	205	n/a	G	VG	F	n/a	n/a	n/a	G
CDC Mosaic (Maple)	14	58	M-L	M	180	n/a	G	VG	F	n/a	n/a	n/a	G
CDC Horizon (Silage)	14	60	M	M	170	F	G	VG	F	n/a	n/a	n/a	G
CDC Leroy (Silage)	20	58	M	M	150	F	G	VG	F	n/a	n/a	n/a	G
CDC Tucker (Silage)	21	62	M	M	170	F	G	VG	F	n/a	n/a	n/a	G
Stella (Silage)	13	57	L	M	220	n/a	G	VG	F	F	n/a	G	n/a
GRAND MEAN (bu/acre)		62											
LSD (bu/acre) (0.05)		5											

¹ The relative maturity of the variety Cutlass is 99 days (Medium). Please add 3 - 4 days for each rating beyond Medium. The relative vine length for Cutlass is 34 inches (Medium)

² Green seed coats: G = 0-10%; F = 11-25%

³ Varieties which show good disease tolerance to one strain of Fusarium wilt may be susceptible to other strains.

⁴ Seed coat dimpling rating : VG = 0-5%; G = 6-20%; F = 21-50%

Yield Comparisons

Variety	2012 Average Yield (bu/acre)	2012 Yield (bu/acre)				
		Arborg	Boissevain	Hamiota	Melita	Thornhill
Yellow						
Agassiz	67	52	82	85	47	67
Argus	67	51	86	80	54	65
CDC Hornet	70	54	84	92	52	68
CDC Meadow	69	58	81	92	53	62
CDC Saffron	68	59	84	79	47	70
CDC Treasure	63	54	86	91	54	32
Cutlass	67	54	86	81	59	55
Hugo	68	60	82	76	56	65
Sorento	71	57	85	93	59	60
Green						
CDC Patrick	64	51	85	76	48	62
CDC Tetris	64	54	85	71	42	68
Other						
CDC Dakota	74	52	91	97	51	77
CDC Mosaic	64	52	76	71	51	69
CDC Horizon	63	52	79	72	48	66
Stella	53	38	69	60	49	52
SITE GRAND MEAN (bu/acre)		53	83	81	51	62
CV %		5.5	5.8	4.8	9.0	14.0
LSD (bu/ac)		5	8	7	8	15
Sign Diff		Yes	Yes	Yes	Yes	Yes
Seeding Date	10-May	09-May	15-May	25-Apr	04-May	
Harvest Date	13-Aug	27-Aug	10-Sep	31-Jul	23-Aug	

Some things have changed, some haven't.



some haven't.

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Distributor Contacts for Varieties in Seed Manitoba 2013

Look up variety within the correct CROP KIND to find the company, then look for company phone number in the box at bottom of section.

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FABABEANS

CDC Fatima	Legumex Walker Canada Inc.
Florent	Legumex Walker Canada Inc.
Snowbird	Bob Park
Taboar	Terramax Holding Corp.

FIELD BEANS

NAVY (WHITE)

AC Cruiser	Hensall District Coop
Aspen	Saskcan Pulse Trading
Cargo	Various Bean Dealers
Envoy	Various Bean Dealers
Galley	AAFC - Harrow
HY4181	Hyland Seeds - Beans
Lightning	Hensall District Coop
OAC Spark	University of Guelph
Portage	CANTERRA SEEDS
Skyline	Terramax Holding Corp.
T9903	Hyland Seeds - Beans
T9905	Hyland Seeds - Beans

PINTO

AC Ole	Various Bean Dealers
AC Pintoba	CANTERRA SEEDS
CDC Pintium	Various Bean Dealers
CDC WM-2	University of Saskatchewan
Island	AAFC - Harrow
Maverick	Various Bean Dealers
Mariah	CANTERRA SEEDS
Medicine Hat	CANTERRA SEEDS
Winchester	Various Bean Dealers
Windbreaker	CANTERRA SEEDS
Winnmor	Viterra - BSC

BLACK

Black Violet	Viterra - BSC
Carmen Black	Agriculture and Agri-Food Canada
CDC Blackcomb	University of Saskatchewan
CDC Jet	Ben Martens Charlois & Seed
Eclipse	Duncan Seeds
CDC SuperJet	Ben Martens Charlois & Seed

SMALL RED

AC Earlied	Saskcan Pulse Trading
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CRANBERRY

Cran 09	Various Bean Dealers
Etna	Seminis Vegetable Seeds
Red Rider	SeCan

GREAT NORTHERN

Beryl R	Various Bean Dealers
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DARK RED KIDNEY

OAC Redstar	SeCan
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LIGHT RED KIDNEY

Foxfire	Various Bean Dealers
Pink Panther	Various Bean Dealers

WHITE KIDNEY

GTS 402	Various Bean Dealers
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YELLOW

CDC Sol	Legumex Walker Canada Inc.
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LENTILS

CDC Greenland	Saskatchewan Pulse Growers
CDC Imax CL	Saskatchewan Pulse Growers
CDC Imigreen CL	Saskatchewan Pulse Growers
CDC Impact CL	Saskatchewan Pulse Growers
CDC Impala CL	Saskatchewan Pulse Growers
CDC Imperial CL	Saskatchewan Pulse Growers
CDC Impower CL	Saskatchewan Pulse Growers
CDC Impress CL	Saskatchewan Pulse Growers
CDC Improve CL	Saskatchewan Pulse Growers
CDC Invincible CL	Saskatchewan Pulse Growers
CDC KR-1	Saskcan Pulse Trading
CDC Maxim CL	Saskatchewan Pulse Growers
CDC Milestone	Saskatchewan Pulse Growers
CDC Peridot CL	Saskatchewan Pulse Growers
CDC Plato	Saskatchewan Pulse Growers

LENTILS

CDC Red Rider	Saskatchewan Pulse Growers
CDC Redberry	Saskatchewan Pulse Growers
CDC Redbow	Saskatchewan Pulse Growers
CDC Redcoat	Saskatchewan Pulse Growers
CDC Richlea	Saskatchewan Pulse Growers
CDC Robin	Saskatchewan Pulse Growers
CDC Rosebud	Saskatchewan Pulse Growers
CDC Rosetown	Saskatchewan Pulse Growers

FIELD PEAS

Agassiz	CANTERRA SEEDS
Argus	SeCan
Canstar	Canseed (Canada) Ltd.
CDC Bronco	Saskatchewan Pulse Growers
CDC Centennial	Saskatchewan Pulse Growers
CDC Dakota	Saskatchewan Pulse Growers
CDC Golden	Saskatchewan Pulse Growers
CDC Hornet	Saskatchewan Pulse Growers
CDC Horizon	Saskatchewan Pulse Growers
CDC Leroy	Saskatchewan Pulse Growers
CDC Meadow	Saskatchewan Pulse Growers
CDC Minuet	Saskatchewan Pulse Growers
CDC Montero	Saskatchewan Pulse Growers
CDC Mosaic	Saskatchewan Pulse Growers
CDC Mozart	Saskatchewan Pulse Growers
CDC Patrick	Saskatchewan Pulse Growers
CDC Pluto	Saskatchewan Pulse Growers
CDC Prosper	Saskatchewan Pulse Growers
CDC Rocket	Saskatchewan Pulse Growers
CDC Saffron	Saskatchewan Pulse Growers
CDC Sage	Saskatchewan Pulse Growers
CDC Striker	Saskatchewan Pulse Growers
CDC Tetrис	Saskatchewan Pulse Growers
CDC Tucker	Saskatchewan Pulse Growers
CDC Treasure	Saskatchewan Pulse Growers
COOPER	CANTERRA SEEDS
Cutlass	Saskatchewan Pulse Growers
DS-Admiral	FP Genetics
Eclipse	FP Genetics
FUSION	CANTERRA SEEDS
Hugo	Alliance Seed Corporation
Nitouche	FP Genetics
Polstead	FP Genetics
Reward	SeCan
Sorento	FP Genetics
Stella	Alliance Seed Corporation
SW MIDAS	FP Genetics
SW SALUTE	FP Genetics
Thunderbird	CANTERRA SEEDS
Tudor	FP Genetics

DISTRIBUTOR

AAFC - Harrow	1-519-738-2251
Agriculture and Agri-Food Canada	1-613-773-1000
Alliance Seed Corporation	1-877-270-2890
Ben Martens Charolais & Seed	1-204-534-6952
Bob Park	1-403-782-4821
Canseed (Canada) Ltd.	1-780-674-2595
CANTERRA SEEDS	1-877-439-7333
University of Saskatchewan	1-306-966-5855
Duncan Seeds	1-204-822-6629
FP Genetics	1-877-791-1045
Hensall District Coop	1-204-295-3938
Hyland Seeds - beans	1-204-745-7179
Legumex Walker Canada Inc.	1-204-829-2326
Saskatchewan Pulse Growers	1-306-668-5556
Saskcan Pulse Trading	1-306-525-4490
SeCan	1-800-665-7333
Seminis Vegetable Seeds	1-519-351-7640
Terramax Holding Corp	1-306-699-7368
University of Guelph	1-519-824-4120
Viterra - BSC	1-204-745-6711

PHONE NUMBER

Growers List



FABABEANS

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FLORENT©

Dauphin; Fisher Seed Farms Ltd.....	204-622-8800	C
Dauphin; Ritchie, John Ross & Raymond	204-638-7543	R
Dauphin; Ritchie, Raymond.....	204-638-7543	R

TABASCO©

Warren; Riddell, Clifford Royden & Craig Thomas	204-227-5679	S F
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FIELD BEANS

AC OLE

Winkler; Ens, Abram E.& Christopher & Friesen, Jake	204-325-4658	F
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CARGO

Mac Donald; Adrain, Glen & Gillespie, Gerald G.	204-274-2251	C
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CDC PINTIUM

Boissevain; Martens, Ben F. & John J. & Ryan	204-534-6952	C
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CDC SOL©

High Bluff; Lytle, Robert	204-857-9950	F
Treherne; Huggart, Ray & Walker, Legumet.....	204-723-2125	C
Treherne; Pritchard, Ian & Harvey.....	204-749-2284	C

CDC SUPERJET

Boissevain; Martens, Ben F. & John J. & Ryan	204-534-6952	R
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ENVY

Hensall; Hensall District Co-Operative Inc.	519-262-3002	C
Mac Donald; Adrain, Glen & Gillespie, Gerald G.	204-274-2251	C

LIGHTNING

Hensall; Hensall District Co-Operative Inc.	519-262-3002	C
Winkler; Ens, Abram E.& Christopher & Friesen, Jake	204-325-4658	C

PORTRAGE

Mac Gregor; Hulme, Lorne.....	204-685-2627	S F
Portage; Munro, Clarke Allan & Jared Cory & Trevor Clarke.	204-857-8272	C

WINDBREAKER

Altona; Wiebe, Henry D. & Lloyd	204-324-8036	C
Portage; Sissons, Grant G., Donald Angus & Blye	204-857-7341	C
St. Joseph; Parent, Renald & Paul	204-737-2625	C

PEAS

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ABARTH©

Domain; Manness, Ronald & Patricia & Graeme	204-736-2622	S
Hamiota; Knight, Ronald M. & Jeff	204-764-2450	S

AGASSIZ©

Decker; Murray, Donald H. & Ryan.....	204-764-2733	S
Domain; Manness, Ronald & Patricia & Graeme	204-736-2622	R
Glenboro; Jefferies, Ron.....	204-827-2102	C
Stonewall; Unger, Ronald K. & Darcy.....	204-467-8630	R C
Virden; Heaman, Douglas J., Walter, Robert & Kenneth...	204-748-2666	C

ARGUS©

Domain; Manness, Clayton & Scott & Alan.....	204-736-2922	R
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CDC MEADOW

Boissevain; Peters, Scott	204-534-6692	C
Brandon; Wheat City Seeds Ltd.	204-727-3337	C
Brandon; Whetter, Rodney & Darren	204-727-0045	R
Foxwarren; Graham, George Arthur	204-683-2367	C
Hamiota; Knight, Ronald M. & Jeff	204-764-2450	R C
Holland; Kubinec, Anastasia.....	204-526-2776	C
Holland; Patenaude, Donald & Robert	204-526-2391	C
Kenton; Stevenson, Robert H. & Sidney H.	204-838-2012	C
Miniota; Walker, Alan Glen	204-567-3647	R C
Oak Lake; Smith, Gerald R. & Leigh E.....	204-855-2808	C
Oak River; Henry, Cameron & Mc Lean, Eric	204-566-2422	C
Reston; Greig, Fred L. & Fotheringham, John A. (Jack)....	204-877-3813	C
Rivers; Redspur Ent. Ltd.....	204-328-5346	C

CDC PATRICK

Marquette; Friesen, Paul	204-322-5773	R
Medora; Vandaele, Vernon L.....	204-665-2384	C

CDC STRIKER

Boissevain; Martens, Ben F. & John J. & Ryan	204-534-6952	C
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SW MIDAS©

Hamiota; Knight, Ronald M. & Jeff	204-764-2450	C
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Variety Description Key

A CHECK CHARACTERISTICS box has been placed at the bottom of each table to display the long term yield, number of site years and any other check attributes information.

Except for the long term average yield, variety description information for canary seed and buckwheat was obtained from the Co-operative Registration Trials.

Site Years Tested is the cumulative number of locations over the years that a variety has been tested against the check. The more site years the more dependable the data.

Ⓐ Indicates a variety that is protected by Plant Breeders Rights or a variety where protection has been applied for but not yet granted at time of printing.

Key to 2012 Yield Tables

Yields derived over two or more growing seasons are the best indicator of variety performance. For new varieties, 2012 Average Yield over all sites is more reliable than data from a single location. Use single site year data with caution.

CV% = Coefficient of Variation. A measure of random variation in a trial. A low CV is desirable.

LSD = Least Significant Difference. Varieties must differ by the LSD value to be considered significantly different from one another.

Sign Diff = Significant Difference. Indicates if a real difference exists between varieties at an individual site.

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Manitoba Agriculture, Food and Rural Initiatives Variety Guide

BUCKWHEAT

New for 2013

Variety	Code	Breeder	Distributor	Seed Availability
Horizon	DF-4	Mancan Genetics Ltd.	Mancan Genetics Ltd.	—

Comments:

The buckwheat variety trials were tested by MCVET and partially sponsored by the Manitoba Buckwheat Growers Association.

Previous to 2012, buckwheat was last tested by MCVET in 2008.

Variety Descriptions

Variety	Yield % Check	Site Years Tested	Days to 50% Bloom +/- Check	Height +/- Check	2012 Average Yield	2012 Yield: % of Koma			
						Arborg	Carberry	Melita	Roblin
AC Manisoba	104	13	-3	-2	117	87	86	181	138
AC Springfield	102	13	-1	-5	110	92	93	108	125
Horizon	113	4	—	—	114	87	129	143	124
Koma	100	13	0	0	100	100	100	100	100
Koto	104	13	-2	-3	97	62	85	119	127
Mancan	99	13	-2	-6	99	81	88	106	123
Manor	111	4	—	—	—	—	—	—	—
CHECK CHARACTERISTICS					Koma (lb/acre)	653	795	480	706
Koma	1521	13	47	45	CV%	20.7	12.4	15.9	3.9
	lb/acre	site years	days	inches	LSD%	—	—	—	—
					Sign Diff	No	No	No	No
					Seeding Date	01-Jun	11-Jun	01-Jun	05-Jun
					Harvest Date	20-Sep	02-Oct	18-Sep	20-Sep

CANARY SEED

Comments:

Canary Seed was last tested in 2006

Variety Descriptions

Variety	Yield % Check	Site Years Tested	Days to Maturity +/- Check	Height +/- Check	Seed ¹ Size
Conventional Types (Hairy)					
Cantate	92	6	-2	-2	L
Keet	100	38	0	0	S
Hairless Types					
CDC Bastia	81	4	5	-1	M
CDC Maria	73	14	4	-3	M
CDC Togo	70	10	6	-1	L
CHECK CHARACTERISTICS					
Keet	1588	38	105	44	
	lb/acre	site years	days	inches	

¹ TKW ranges from 7.1 g to 8.0 g, L= Large, M = Medium, S= Small.

GRAIN CORN

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Comments:

The 2012 grain corn hybrid trials were tested and the data donated by the Manitoba Corn Committee. The data presented is for one year only. Use with caution.

All hybrids are evaluated at a plant population of 28,000 plants per acre. Plots are planted at a higher rate and thinned to achieve the target population.

Yields are corrected to 15.5% moisture content. Due to space limitations, only yield and moisture content at harvest is presented but bushel weights and days to silking were also determined.

The Manitoba Corn Committee publishes the annual results with all yearly data, as well as long term data, in their brochure which is available from the Manitoba Corn Grower's Association (204-745-6661) and at local Manitoba Agriculture, Food & Rural Initiatives offices.

CHU ¹	Hybrid	Traits	Distributor	Altona		Carman		St.Pierre		Beausejour		Melita		Wawanesa	
				Yield (bu/ac)	Moisture (%)										
2000	39F44	RR2	DuPont Pioneer	138	17.7	—	—	96	18.5	72	12.3	—	—	84	20.9
2050	P7213R	RR2	DuPont Pioneer	125	17.3	143	15.0	84	15.5	86	12.0	91	16.1	93	16.2
2100	LR9074RB	RR2/ECB	Delmar Commodities	152	21.4	142	18.3	72	16.8	77	12.3	96	19.0	91	19.7
2100	P7443R	RR2	DuPont Pioneer	155	20.4	153	14.5	106	16.8	90	12.1	94	15.9	102	17.1
2125	DKC26-25	RR2	DEKALB	150	18.5	170	15.8	111	17.2	92	12.4	99	18.1	85	20.3
2125	LR9975RR	RR2	Delmar Commodities	146	23.2	159	16.6	94	17.9	79	12.0	98	18.9	86	20.5
2125	A4023BTTR	BT/RR2	PRIDE Seeds	124	19.6	133	15.0	97	17.0	84	12.3	93	16.5	94	17.5
2150	A4176BTTR	BT/RR2	PRIDE Seeds	135	21.8	169	17.1	102	17.6	83	11.9	81	19.3	87	20.8
2150	N04F-3000GT	GT/CB/LL/RW	Syngenta Seeds	138	17.3	152	16.4	90	15.3	77	12.1	108	16.7	86	17.9
2175	DKC27-54	RR2	DEKALB	157	19.7	168	17.7	90	18.2	84	12.6	98	19.1	100	19.4
2175	39D95	RR2	DuPont Pioneer	149	18.6	159	15.1	96	15.3	86	12.2	101	15.9	100	15.9
2175	2262RR	RR2	PICKSEED	144	19.6	172	16.9	102	17.5	88	12.3	99	19.8	87	19.9
2175	TH 4377RR	RR	Quarry Seeds Ltd.	150	23.0	131	16.5	82	17.9	82	12.4	99	18.1	75	25.8
2200	DKC28-76	RR2	DEKALB	152	20.1	146	17.1	94	17.0	—	—	—	—	—	—
2200	DKC27-55	GENVT2P	DEKALB	146	20.6	146	17.7	61	18.0	—	—	—	—	—	—
2200	39B90	RR2	DuPont Pioneer	149	20.4	162	15.9	108	17.6	83	12.1	101	15.9	97	18.0
2200	A4240RR	RR	PRIDE Seeds	140	22.2	154	15.6	87	19.7	78	12.1	90	18.4	80	21.8
2250	X4033	RR	BrettYoung	153	18.9	167	16.5	116	15.2	90	12.2	109	17.5	86	19.0
2250	39Z69	HX1/LL/RR2	DuPont Pioneer	139	19.6	148	15.7	99	15.7	—	—	—	—	—	—
2250	39D97	HX1/LL/RR2	DuPont Pioneer	133	19.8	173	16.0	126	15.9	—	—	—	—	—	—
2250	39V05	RR2	DuPont Pioneer	150	17.7	180	15.4	102	13.4	—	—	—	—	—	—
2250	HL R208	RR2	Hyland Seeds	142	20.1	144	15.1	99	15.9	85	11.9	87	17.5	88	18.7
2250	MZ 1261BR	YGBT/RR2	Maizex Seeds Inc.	125	19.0	159	15.8	99	18.4	85	12.0	101	18.5	97	20.5
2250	MZ 1244RR	RR2	Maizex Seeds Inc.	119	22.2	142	17.6	95	18.7	87	12.1	89	18.9	79	21.1
2250	PP EXP179	GT	Quarry Seeds Ltd.	149	19.7	139	15.5	80	14.4	—	—	—	—	—	—
2250	N08N - GT	GT/CB/LL	Syngenta Seeds	141	19.3	149	16.0	103	17.5	79	12.1	94	17.0	82	23.5
2275	HL 3085	RR2	Hyland Seeds	145	24.5	160	16.5	102	18.5	76	12.1	92	20.7	82	22.0
2275	BAXXOS RR	RR2	Hyland Seeds	131	23.7	138	18.5	82	18.5	—	—	—	—	—	—
2275	HL B16R	YGBT/RR2	Hyland Seeds	138	23.5	122	18.0	97	17.8	—	—	—	—	—	—
2300	X0684	RR	BrettYoung	146	18.2	165	16.1	127	14.6	—	—	—	—	—	—
2300	MZ 1440R	RR2	Maizex Seeds Inc.	149	19.7	156	17.2	92	18.2	—	—	—	—	—	—
2300	EX 1203	RR2	Maizex Seeds Inc.	155	19.2	158	15.7	—	—	—	—	—	—	—	—
2300	A4631G2 RIB	GENVT2P	PRIDE Seeds	153	20.4	162	17.2	91	17.6	—	—	—	—	—	—
2325	DKC30-20	VT Triple	DEKALB	137	21.2	165	16.6	71	15.6	—	—	—	—	—	—
2325	2304RR	RR2	PICKSEED	143	21.3	180	17.4	84	19.0	—	—	—	—	—	—
2350	20T47 RR	RR	BrettYoung	156	20.5	152	15.5	95	19.1	—	—	—	—	—	—
2350	E50G27 R	RR	BrettYoung	149	21.6	172	17.1	99	16.5	—	—	—	—	—	—
2350	DKC30-07	GENVT2P	DEKALB	155	19.2	188	16.5	—	—	—	—	—	—	—	—
2350	3093	RR2	Hyland Seeds	155	20.3	172	16.5	108	15.4	—	—	—	—	—	—
2350	MZ 1441DBR	GENVT2P	Maizex Seeds Inc.	134	20.0	146	17.2	103	18.6	—	—	—	—	—	—
2350	MZ 1677R	RR2	Maizex Seeds Inc.	138	23.5	165	16.6	—	—	—	—	—	—	—	—
2350	SilEx BTTR	YGCBRR2	PICKSEED	149	22.1	159	18.1	99	17.9	—	—	—	—	—	—

CHU ¹	Hybrid	Traits	Distributor	Altona		Carman		St.Pierre		Beausejour		Melita		Wawanesa		
				Yield (bu/ac)	Moisture (%)	Yield (bu/ac)	Moisture (%)	Yield (bu/ac)	Moisture (%)	Yield (bu/ac)	Moisture (%)	Yield (bu/ac)	Moisture (%)	Yield (bu/ac)	Moisture (%)	
2400	DKC31-10	GENVT2P	DEKALB	157	21.4	207	16.7	—	—	—	—	—	—	—	—	
2400	P8107HR	HX1/LL/RR2	DuPont Pioneer	136	19.4	179	17.1	101	16.8	—	—	—	—	—	—	
2400	P8193HR	HX1/LL/RR2	DuPont Pioneer	136	20.4	181	16.5	109	15.5	—	—	—	—	—	—	
2400	8105	SmartStax	Hyland Seeds	145	24.4	154	17.2	82	17.2	—	—	—	—	—	—	
2400	N12R-3000GT	GT/CB/LL/RW	Syngenta Seeds	139	22.8	157	17.2	92	18.3	—	—	—	—	—	—	
2450	HL 4122	HXT/LL/RR2	Hyland Seeds	133	21.2	160	15.6	97	15.3	—	—	—	—	—	—	
2500	P8210HR	HX1/LL/RR2	DuPont Pioneer	159	20.6	177	16.4	103	15.8	—	—	—	—	—	—	
2525	8166	SmartStax	Hyland Seeds	160	25.2	162	17.2	98	17.8	—	—	—	—	—	—	
2550	P8651HR	HX1/LL/RR2	DuPont Pioneer	166	25.4	183	17.7	—	—	—	—	—	—	—	—	
2550	N17P-3000GT	GT/CB/LL/RW	Syngenta Seeds	126	26.8	159	19.4	90	21.3	—	—	—	—	—	—	
2600	P8622HR	HX1/LL/RR2	DuPont Pioneer	159	25.7	184	18.0	—	—	—	—	—	—	—	—	
2600	N20Y-3000GT	GT/CB/LL/RW	Syngenta Seeds	158	21.9	162	17.1	116	17.3	—	—	—	—	—	—	
2625	N21J-3000GT	GT/CB/LL/RW	Syngenta Seeds	142	25.9	149	18.4	91	23.0	—	—	—	—	—	—	
				GRAND MEAN	145	21.0	160	16.7	96	17.2	83	12.2	96	17.9	89	19.8
				CV%	7.4	6.3	9.2	4.4	10.8	7.1	8.5	2.2	10.7	7.6	10.0	10.0
				Sign Diff	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes
				LSD (0.05)	15	1.8	23	1.1	17	2.0	—	—	—	2.2	12.2	2.7
				Planting Date	12-May		9-May	10-May		15-May	15-May		18-May			
				Harvest Date	24-Sep		1-Oct	2-Oct		2-Oct	8-Oct		12-Oct			

¹ Each company assigns a corn heat unit (CHU) rating to each of their hybrids. The CHU rating is a measure of relative maturity and is one criteria for choosing a hybrid which will mature in your area. Moisture content at harvest, density, and days to 50% silk are other measurements to look at when evaluating the relative maturity of a hybrid.



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INDUSTRIAL HEMP

Comments:

A licence from Health Canada is required to grow Industrial Hemp.

THC testing for some varieties is required.

As per the Industrial Hemp Regulations, industrial hemp varieties must be approved for commercial cultivation under licence for the current crop year. Please refer to Health Canada's "List of Approved Cultivars" for the 2013 Growing Season report prior to seeding.

Please note that the Industrial Hemp Regulations requires that all seed planted for the production of industrial hemp in Canada must be of pedigreed status (Certified or better).

For more information, please refer to Health Canada's website at www.healthcanada.gc.ca/hemp.

Variety Descriptions

Variety	Yield % Check	Site Years Tested	2012 Average Yield	2012 Yield: % of CRS-1			
				Arborg	Carberry	Gilbert Plains	Melita
Alyssa	82	13	67	68	89	61	55
Anka	81	10	79	—	—	81	78
Canda	119	10	110	84	137	108	116
CanMa	88	3	88	—	91	85	90
CFX-1	94	13	94	100	118	74	90
CFX-2	92	9	90	79	103	88	92
CRS-1	100	13	100	100	100	100	100
Delores	96	12	91	76	105	95	—
Finola	53	9	65	74	70	55	61
Joey	111	6	98	100	—	100	93
Jutta	94	8	67	—	—	83	52
Silesia	64	4	64	60	71	69	58
X59	103	4	103	116	109	106	83
Varieties that are being evaluated for approval							
Debbie	84	4	84	67	110	84	80
CHECK CHARACTERISTICS							
CRS-1	1601	13	CRS-1 (lb/acre)	1299	980	1197	1314
	lb/acre	site years	CV%	10.6	13.3	15.1	8.9
			LSD%	13	19	18	12
			Sign Diff	Yes	Yes	Yes	Yes
				Seeding Date	31-May	14-May	31-May
				Harvest Date	24-Sep	05-Sep	10-Sep
						Various	14-May

Distributor Contacts for Varieties in Seed Manitoba 2013

Look up variety within the correct CROP KIND to find the company, then look for company phone number in the box at bottom of section.

BUCKWHEAT	
AC Manisoba	SeCan
AC Springfield	Springfield Mills Inc.
Horizon	Mancan Genetics Ltd.
Koma	Springfield Mills Inc./Fisher Seeds/
Koto	Durand Seeds
Mancan	Fisher Seeds
Manor	Public
	Public

CANARY SEED	
Cantate	Hansen Seeds
CDC Bastia	Crop Development Center
CDC Maria	Public
CDC Togo	CANTERRA SEEDS
Keet	Public

GRAIN CORN

- see Grain Corn table for specific hybrids,
then check Distributor table below for phone number -

INDUSTRIAL HEMP	
Alyssa	Parkland Industrial Hemp Growers Coop Ltd.
Anka	Ontario Hemp Alliance
Canda	Parkland Industrial Hemp Growers Coop Ltd.
CanMa	PhytoGene Resources Inc.
CFX-1	Hemp Genetics International Inc.
CFX-2	Hemp Genetics International Inc.
CRS-1	Hemp Genetics International Inc.
Delores	Parkland Industrial Hemp Growers Coop Ltd.
Finola	Hemp Oil Canada Inc.
Joey	Parkland Industrial Hemp Growers Coop Ltd.
Jutta	Ontario Hemp Alliance
Silesia	Alberta Innovates Technology Futures
X59	Terramax

DISTRIBUTOR

PHONE NUMBER	
Alberta Innovates Technology Futures	1-780-632-8436
BrettYoung Seeds Ltd.	1-800-665-5015
CANTERRA SEEDS	1-877-439-7333
Crop Development Center	1-306-966-5855
DEKALB	1-800-667-4944
Delmar Commodities	1-204-331-3696
DuPont Pioneer	1-800-265-9435
Durand Seeds	1-204-248-2268
Fisher Seeds Ltd.	1-204-622-8800
Hansen Seeds	1-306-465-2525
Hemp Genetics International Inc.	1-604-882-4936
Hemp Oil Canada Inc.	1-800-289-4367
Hyland Seeds	1-800-265-7403
Maizex Seeds Inc.	1-877-682-1720
Mancan Genetics Ltd.	1-204-822-4396
Ontario Hemp Alliance	1-613-281-2734
Parkland Industrial Hemp Growers Coop Ltd.	1-204-629-4367
PhytoGene Resources Inc.	1-613-240-4120
PICKSEED	1-204-633-0088
PRIDE Seeds	1-800-265-5280
Quarry Seeds Ltd.	1-888-274-9243
SeCan	1-800-665-7333
Springfield Mills Inc.	1-204-362-1524
Syngenta Seeds Canada Inc.	1-888-756-7333
Terramax	1-306-699-7368



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Growers List



BUCKWHEAT

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AC MANISOBA

Notre Dame; Durand, Gabriel A. & Marc..... 204-248-2268 R

HORIZON

Morden; Mancan Genetics Ltd. 204-822-4396 C

KOMA

Dauphin; Fisher, Roderick Allan & Douglas James..... 204-622-8800 F C
Deloraine; Nestibo Agra Ltd..... R
Glenella; Schmidt, Kenneth Frederick & Adrene, Lukin, Shirley 204-352-4435 R
Notre Dame; Durand, Gabriel A. & Marc..... 204-248-2268 S F

MANCAN

Notre Dame; Durand, Gabriel A. & Marc..... 204-248-2268 S F C

CORN - OPEN POLLINATED

CM440

Minto; Rao, Sajjad 204-776-5561 F

CM533

Minto; Rao, Sajjad 204-776-5561 R

INDUSTRIAL HEMP

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ALYSSA

Dauphin; Parkland Industrial Hemp Growers 204-629-4367 R

CANDA

Dauphin; Parkland Industrial Hemp Growers 204-629-4367 R

CFX-1

Saskatoon; Hemp Genetics International Inc..... 604-882-4936 C

CFX-2

Langley; Friesen, Kevin G..... 604-882-4936 C

CRS-1

Dauphin; Fisher, Roderick Allan & Douglas James..... 204-622-8800 R C

FINOLA©

Ste. Agathe; Hemp Oil Canada Inc 204-882-2480 R C

USO 14

Carberry; Robinson, Chris T. 204-834-2357 C

USO 31

Carberry; Robinson, Chris T. 204-834-2357 C

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Variety Description Key

Except for long term average yield and quality data, variety description information was obtained from the Co-operative Registration Trials.

Disease Resistance ratings: (HS) highly susceptible; (S) susceptible; (MS) moderately susceptible; (MR) moderately resistant; (R) resistant; (n/a) not available.

© Indicates a variety that is protected by Plant Breeder's Rights or a variety where protection has been applied for but not yet granted at time of printing.

* Seed sources can be found at the back of the forage section.

Key to 2012 Yield or Quality Tables

Numbers in brackets indicate site years. Site Years Tested is the number of locations added up over the years that a variety has been tested in trials against the check. The more site years the more dependable the data. Use data with caution when there are fewer than 3 site years for annual crops and 9 site years for perennial crops.

CV % = Coefficient of Variation. A measure of random variation in a trial. A small % CV is desirable.

LSD % = Least Significant Difference. Varieties must differ by this percentage to be considered significantly different from one another.

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InVigor L130	InVigor 5440
InVigor L150	InVigor L156H
InVigor L154	



PIONEER

45H29 RR	43E02 RR
45H31 RR	43E01 RR
45S54 RR	46H75 CL
46S53 RR	45H73 CL
45S52 RR	

VICTORY HYBRID CANOLA

V12-1	v1050
v1040	v2045

VITERRA

VT 500 G	VR 9560 CL
VR 9559 G	VR 9557 GS
Red River 1861 RR	



73-45 RR	73-75 RR
74-44 BL	

BrettYoung

6060 RR	5525 CL
6040 RR	5535 CL
6050 RR	

CANTERRA SEEDS

Canterra 1990

Nexera™ CANOLA

1012 RR	2012 CL
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Scan here for the latest information.



Manitoba Agriculture, Food and Rural Initiatives Variety Guide

FORAGE CULTIVAR EVALUATION

The Manitoba Forage Council operates the Forage Cultivar Evaluation Program. Management of the program is through an industry team approach. Producers, seed trade, extension and researchers are involved in the forage evaluation management committee.

The perennial forage cultivar evaluation is coordinated with similar programs in Saskatchewan and Alberta, allowing for sharing of test data. The annual forage testing is coordinated with other testing facilities and producer organizations. The testing sites

are Arborg, Carberry, Melita, Rosebank (formerly Neepawa), Roblin and St. Adolphe (formerly St. Pierre Jolys). Cooperation and support from program partners have allowed the efficient operation of testing in 2012.

The objective of the evaluation program is to provide information to Manitoba's forage producers and industry partners on the performance of annual and perennial forage cultivars under Manitoba conditions. The program measures dry matter yields of perennials under a three-cut system over three pro-

duction years and annuals under a one-cut system over 3 years. The program has also developed test procedures to evaluate persistence, winter-hardiness and grazing tolerance.

The Manitoba Forage Council publishes results from the forage evaluation trials with detailed information on forage production. These reports are available from Manitoba Agriculture, Food and Rural Initiatives (MAFRI) offices, MAFRI Forage specialists, Rangeland and Pasture specialists, and the Manitoba Forage Council.

Support for Forage Cultivar Evaluation was obtained from various sectors of the agricultural industry. In appreciation of their partnership in this program, the following sponsors are acknowledged:

Manitoba Agriculture, Food and Rural Initiatives
Agricultural Sustainability Initiative
Green Cover Program – Agriculture and Agri-Food Canada
Viterra
The Western Forage Variety Testing System

Manitoba Forage Council
Manitoba Forage Seed Association
Parkland Crop Diversification Foundation
Prairies East Sustainable Agricultural Initiative
S.S. Johnson Seeds
Westman Agricultural Diversification Organization

Manitoba Corn Growers Association
Crop Diversification Center - University of Saskatchewan with funding from Saskatchewan Pulse Growers and Saskatchewan Ministry of Agriculture
Canada Manitoba Crop Development Centre

FORAGE ADAPTATION & COMPARISON GUIDE

LEGUMES

Forage	Use	Longevity	Winter Hardiness	Tolerance to:			Preferred Climate and Growing Conditions
				Drought	Flooding	Salinity	
Alfalfa	Hay & Pasture	Long	Good	Good	Low	Low to Moderate	Widely adapted to most Manitoba soils but will not tolerate areas that have periodic flooding.
Alsike Clover	Hay & Pasture	Short	Fair	Poor	Moderate	Low	Prefers low-lying moist areas.
Birdsfoot Trefoil	Pasture	Long	Good	Moderate	High	Low to Moderate	Prefers moist areas.
Cicer Milkvetch	Pasture	Long	Good	Moderate to High	Low	Moderate	Widely adapted but exhibits its creeping habit best on more coarse textured soils.
Red Clover	Hay & Pasture	Short	Poor	Low	High	Low	Best suited to humid areas with moderate temperatures.
Sainfoin	Pasture	Long	Fair	High	Low	Low	Best on brown and dark brown soil areas. In very dry areas it yields poorly. Does well on thin gravelly soils.
Sweet Clover	Hay & Silage	2 years	Fair	Moderate to High	Low	Moderate	Especially productive on fertile soils.

TAME GRASSES

Altai Wild Ryegrass	Pasture	Long	Excellent	High	Low	Very High	Loam & clay soils best - but grows on a wide range of soils. Doesn't appear adapted to Manitoba conditions.
Annual (Italian) Ryegrass	Hay & Pasture	Short annual 1 year	Poor	Low	High	Low	Produces best on soils of medium to high fertility and grows best with adequate moisture.
Creeping Foxtail	Pasture	Long	Good	Low	High	Moderate	Adapted to areas where reed canarygrass grows well and soil moisture is continually available.
Creeping Red Fescue	Pasture Lawn	Long	Excellent	Moderate	Moderate	Low	Does best in high rainfall areas. Will grow in wide range of soil types.
Crested Wheatgrass	Hay & Pasture	Long	Excellent	Moderate to High	Low	Low to Moderate	Adapted to dry areas with good soils but will also establish on lighter soils.
Dahurian Wild Ryegrass	Pasture	Short	Good	Moderate	Low	High	Adapted to all soil zones.
Intermediate Wheatgrass	Hay & Pasture	Short to Medium	Good	Moderate to High	Low	Low	Well drained soils with ample moisture.

FORAGE ADAPTATION & COMPARISON GUIDE — Grasses (*continued*)

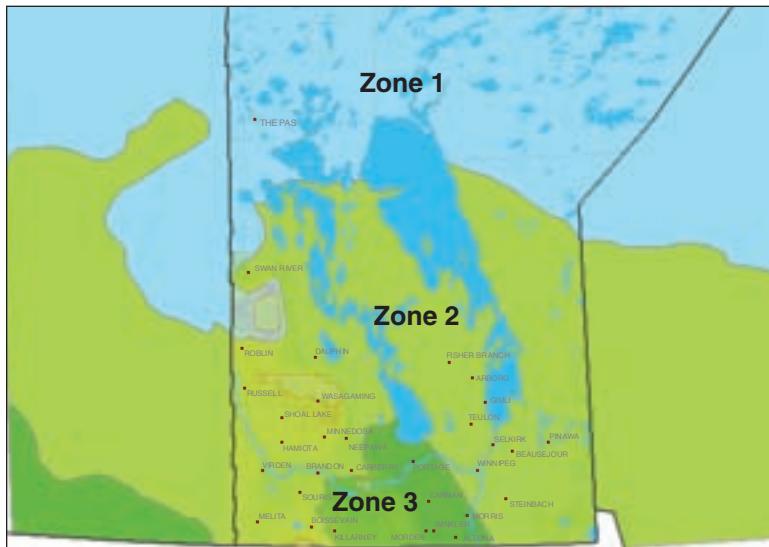
Forage	Use	Longevity	Winter Hardiness	Tolerance to:			Preferred Climate and Growing Conditions
				Drought	Flooding	Salinity	
Kentucky Blue Grass	Pasture Lawn	Long	Excellent	Moderate	Moderate	Low	Prefers cool and humid. Grows on most soils.
Meadow Bromegrass	Hay & Pasture	Long	Good	High	Low	Low	Grows well on most soils where Smooth Brome does well.
Meadow Fescue	Pasture	Short - Medium	Good	Moderate	High	Low to Moderate	Prefers soil with good moisture and good drainage.
Meadow Foxtail	Pasture	Long	Good	Low	High	Low	Prefers cool moist conditions. High water table.
Orchard grass	Hay & Pasture	Short	Fair	Moderate	Low to Moderate	Low	Prefers moist conditions. Sandy soils are too dry for good growth unless in high rainfall area.
Perennial Ryegrass	Hay & Pasture	Short 2-3 years	Poor	Low	Low	Low	Needs high precipitation and fertility for high yields. Adapted to wide range of soils.
Pubescent Wheatgrass	Hay & Pasture	Medium	Good	Moderate to High	Low	Low to Moderate	Widely adaptable to precipitation, temperature, elevation, and low fertility soil.
Russian Wild Ryegrass	Pasture	Long	Excellent	Very High	Low	Very High	Can be grown on a wide range of soils. Most productive on fertile loams.
Smooth Bromegrass	Hay & Pasture	Long	Excellent	Moderate	Moderate	Low to Moderate	Well adapted to all soils in Manitoba.
Tall Fescue	Pasture	Medium	Good	Moderate	Moderate to High	High	Variety of soils. Does well on wet, poorly drained soils.
Tall Wheatgrass	Hay & Pasture	Medium	Excellent	Low	High	High	Adapted to saline and imperfectly drained alkali soils.
Timothy	Hay & Pasture	Medium	Good	Low	High	Low	Cool moist areas with good drainage.

NATIVE GRASSES

Awned Wheatgrass	Hay & Pasture	Medium	Good	Moderate	Moderate	Low to Moderate	Prefers moderately sandy to loam soils with good moisture and drainage. Found in moist flats, meadows and low growing bushes.
Big Bluestem	Pasture	Long	Good	Low to Moderate	Moderate	Low to Moderate	Grows under a wide range of conditions.
Green Needlegrass	Pasture	Long	Good	High	Moderate	Low to Moderate	Performs best on medium to heavy textured soils. Prefers moist sites with good drainage.
Little Bluestem	Pasture	Long	Good	High	Low	Moderate	Sandy, gravelly soils with shallow water table or where snow accumulates. Common on prairie upland.
Northern Wheatgrass	Pasture	Long	Good	Very High	Moderate	Moderate	Prefers medium to coarse textured soil.
Prairie Cord Grass	Hay & Riparian	Long	Good	Low to Moderate	High	Low to Moderate	Wide range of soils (sand to clay) - does best on seasonally dry areas, marsh edges, wet meadows, drainageways.
Reed Canarygrass	Hay & Pasture	Long	Good	Moderate	Very High	Low	Moist cool climate. Poorly drained areas subject to temporary flooding.
Side Oats Grama	Hay & Pasture	Long	Good	Moderate to High	Low	Low to Moderate	Adapted to a range of soils. Performs best on fine textured soils. Found on rocky ridges, open grasslands and hillsides.
Slender Wheatgrass	Hay & Pasture	3-5 years	Good	Moderate	Moderate	High	Widely adapted - prefers sandy loams.
Switch grass	Pasture	Medium	Fair	Low	Moderate	Moderate	It has potential for good summer pasture when enough moisture. Grows best on loam and sandy loams.
Western Wheatgrass	Hay & Pasture	Long	Excellent	High	Moderate to High	High	Widely adapted - prefers heavy moderately alkaline soil. Tolerates periodic flooding.

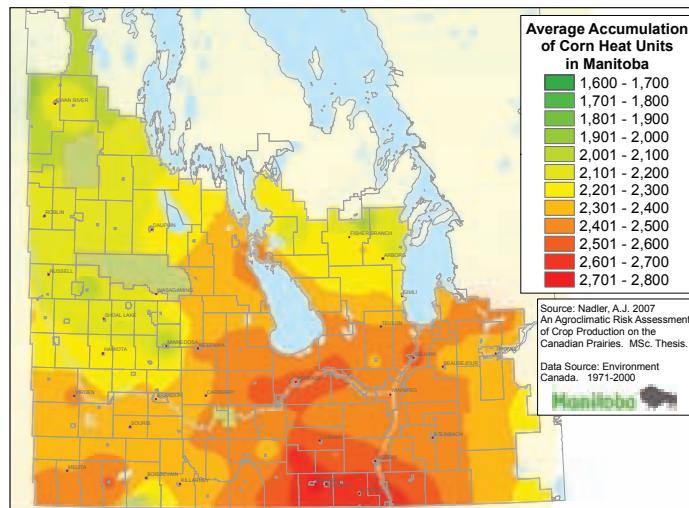
Source: Manitoba Agriculture Food and Rural Initiatives – Forage Adaptation & Comparison Guide

ALFALFA WINTER HARDINESS



This Plant Hardiness Zones (2000) map outlines the different zones within Manitoba where various types of plants (including alfalfa) will likely survive the winter. It is based on 30-year average climatic conditions of each area (min. and max. temperatures, frost-free period, summer and January rainfall, snow cover, wind speed, elevation). Hardiness Zone ratings are to be used only as guideline when selecting varieties as many factors influence overwintering ability (such as snow cover, timing of cold weather, location of plants in the landscape, relative health of plants as they enter winter). Always use optimum management techniques to ensure winter survival when choosing a variety with slightly poorer overwintering rating.

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ANNUAL FORAGE — Variety Descriptions

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C
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Variety ¹	Seed Source	Awned or Hooded	Rough, Smooth or Super Smooth Awns	Days to Maturity (Robust) ²	Lodging	Disease Resistance Ratings ³					
						Stem Rust	Loose Smut	Surface borne Smut	Root Rot	Netted Net Blotch	Spotted Net Blotch
BARLEY											
AC Lacombe (6)◎	17	A	S	-1	G	MR	MS	MR	MS	MS	MR
AC Ranger (6F)	5	A	S	0	G	MR	MS	I	MR	I	MR
AC Rosser (6)◎	17	A	S	+2	F	MR	MS	MR	MR	I	MR
Binscarth (6F)	21	A	R	-2	G	MR	I	MR	MR	I	—
CDC Austenson (2)◎	17	A	R	0	G	I	S	R	I	MS	R
CDC Cowboy (2F)◎	17	A	R	0	G	MR	MS	MR	I	I	MR
CDC Mindon (2)◎	17	A	R	0	G	I	R	R	—	S	MR
Champion (2)◎	20	A	R	-1	G	I	S	R	—	S	I
Chigwell (6)◎	17	A	S	1	G	S	MS	R	S	I	MR
Desperado (6F)◎	22	A	S	0	G	MR	MS	R	MR	S	MR
Lacey (6W)◎	22	A	SS	0	G	MR	I	MR	MR	S	I
Robust (6W)	4	A	S	89 days	G	MR	I	I	I	S	MS
Sommerville (6F)	7	A	—	—	—	—	—	—	—	—	—
Virden (6F)	17	A	SS	+2	VG	MR	MS	I	MR	MS	MR
Vivar (6)◎	17	A	R	-1	VG	MR	I	R	MR	R	MR
Xena (2)	20	A	R	0	G	MR	MS	MS	MR	S	I
Hulless											
AC Bacon (6)	17	A	S	-1	F	I	MS	I	I	MS	—
CDC Freedom (2)	17	A	R	-1	G	I	MS	MR	I	MR	—
Falcon (6)	14	A	S	-1	VG	MR	MS	MR	I	I	—
Variety ⁴	Seed Source	Days to Maturity (AC Assiniboia) ²			Disease Resistance Level ³						
		Lodging	Stem Rust	Crown Rust	Smut	BYD					
OATS											
AC Assiniboia	20	95 days	VG	I	S	R	I				
AC Medallion	4	+1	F	I	I	R	MS				
AC Mustang	23	-5	G	S	S	MS	MS				
CDC Baler	5	+5	G	S	S	R	MS				
CDC Boyer	17	-2	G	I	I	MS	MS				
CDC Pacer	15	0	F	S	MS	MR	MS				
Dumont	17	+1	F	I	MS	R	MS				
Furlong◎	3	0	G	I	S	R	MR				
Jordan◎	17	3	VG	I	I	R	MR				
Murphy◎	17	+5	G	S	MS	MS	MS				
Pinnacle◎	5	+4	G	I	S	R	MS				
Triactor◎	3	0	VG	S	MR	I	MS				
Triple Crown◎	15	-3	VG	S	MS	MR	MS				
Variety	Seed Source	Days to Maturity (Banjo) ²			Disease Resistance Level ³						
		Lodging	Stem Rust	Leaf Rust	Bunt	Fusarium					
TRITICALE											
AC Alta	14	-1	G	R	R	R	—				
AC Certa	14	-3	G	R	R	R	I				
Banjo	5	100 days	G	R	R	R	—				
Bumper◎	17	-3	G	R	R	R	—				
Bunker◎	5	3	G	R	R	R	I				
Pronghorn	14	-4	G	R	R	R	MR				
SANDRO	5	-3	G	R	R	R	—				
Tyndal◎	17	-3	G	R	R	R	MS				

(continued) ANNUAL FORAGES — Variety Descriptions

Variety	Seed Source	Leaf Type	Maturity Rating ²	Vine Length (cm)	Lodging	Disease Resistance Level ³		
						Powdery Mildew	Mycosphaerella Blight	
PEAS								
40-10	5	Normal	Long	100	P	P	P	
CDC Leroy	16	SemiLeafless	Medium	80	G	VG	F	
CDC Minuet	16	SemiLeafless	Medium	70	F	VG	F	
CDC Sonata	16	Normal	Long	85	F	VG	F	
CDC Tucker	16	SemiLeafless	Medium	80	G	VG	F	
Trapper	17	Normal	Long	100	P	P	P	
	Seed Source	Seed Color	Seed Size (seeds/lb)	Days to Head	Days to Maturity ²			
FOXTAIL MILLET								
Yellow (Golden German)	15	Yellow	160-170,000	75-90	95-110			
Red (Siberian)	15	Red	169-170,000	55-70	70-90			
PROSO MILLET								
Green (Crown)	15	Gray/Green	70-90,000	50-60	85-90			
Red (Cerise)	15	Red	70-90,000	50-60	85			
Yellow (AC Prairie Gold)	20	Yellow	70-90,000	50-60	75			

1 Values in brackets indicate row and type: 2 = two-row; 6 = six-row; W = white aleurone (all others yellow); F = fodder.

2 Quality is highly dependent on plant maturity at harvest. For optimum quality: harvest barley at early-mid dough stage; oats & triticale at milk-early dough stage; peas at early pod formation; millet at early heading.

3 Resistance to leaf diseases can improve forage quality and yield: (R) Resistant; (MR) Moderately Resistant; (I) Intermediate; (MS) Moderately Susceptible; (S) Susceptible; (-) = not available. See Cereal & Special Crops section in of this guide for more detail of crop tolerances.

4 All varieties are susceptible to new races of NA67 and NA76. These races caused moderate damage to crops in the Red Valley in 2001 & 2002.

ANNUAL FORAGE — Variety Comparisons

Variety	Manitoba Mean ¹		Yield at Test Sites % of check ¹					Forage Quality ²				
	% of Virden	% of Ranger	Arborg	Boissevain/ Melita	Hamiota/ Minnedosa	Rosebank	Roblin	RFV (%)	CP (%)	TDN (%)	Beef ³ (lbs/ac)	Site Years
BARLEY												
AC Lacombe (6)◎	98 (13)	— —	107 (3)	102 (4)	91 (4)	— —	— —	—	—	—	—	—
AC Ranger (6F)◎	105 (12)	100 (24)	100 (6)	100 (6)	— —	100 (6)	100 (6)	123	9.8	65	1011	(6)
AC Rosser (6)◎	— —	104 (12)	99 (3)	109 (3)	— —	101 (3)	99 (3)	108	10.2	66	920	(3)
Binscarth (6F)	— —	98 (20)	96 (5)	96 (5)	— —	102 (5)	98 (5)	115	10.1	65	974	(5)
CDC Austenson (2)◎	— —	100 (4)	102 (1)	101 (1)	— —	88 (1)	102 (1)	123	9.6	63	1099	(1)
CDC Cowboy (2F)◎	— —	103 (24)	101 (6)	97 (6)	— —	103 (6)	110 (6)	112	9.6	63	1018	(6)
CDC Mindon (2)◎	— —	97 (8)	95 (2)	93 (2)	— —	94 (2)	107 (2)	133	9.0	64	1043	(2)
Champion (2)◎	— —	107 (12)	107 (3)	97 (3)	— —	108 (3)	116 (3)	136	12.1	65	1185	(3)
Chigwell (6)◎	— —	96 (4)	87 (1)	97 (1)	— —	98 (1)	103 (1)	115	8.8	62	1038	(1)
Desperado (6F)◎	— —	105 (4)	104 (1)	104 (1)	— —	104 (1)	111 (1)	111	7.7	61	1099	(1)
Lacey (6W)◎	— —	92 (12)	89 (3)	101 (3)	— —	93 (3)	86 (3)	111	10.4	66	878	(3)
Robust (6W)	95 (12)	— —	105 (2)	94 (4)	95 (4)	— —	— —	—	—	—	—	—
Sommerville	95 (12)	— —	106 (1)	95 (4)	95 (4)	— —	94 (1)	146	11.0	66	948	(1)
Virden (6F)	100 (28)	99 (13)	100 (7)	100 (7)	100 (4)	100 (3)	100 (3)	103	10.4	63	910	(3)
Vivar (6)◎	— —	99 (12)	97 (3)	97 (3)	— —	96 (3)	106 (3)	127	9.2	63	1068	(3)
Xena (2)◎	— —	101 (16)	92 (4)	110 (4)	— —	100 (4)	101 (4)	120	9.5	63	1064	(4)
Hulless												
AC Bacon (6)	97 (11)	— —	140 (1)	97 (4)	92 (4)	— —	— —	136	11	65	1066	(1)
CDC Freedom (2)	93 (11)	— —	106 (1)	85 (4)	93 (4)	— —	— —	—	—	—	—	—
Falcon (6)◎	102 (2)	— —	102 (1)	— —	— —	— —	— —	—	—	—	—	—

ANNUAL FORAGE (continued)

Variety	Manitoba Mean ¹ % of Triple Crown		Yield at Test Sites % of check ¹					Forage Quality ²				
			Arborg	Boissevain/ Melita	Hamiota/ Minnedosa	Rosebank	Roblin	RFV (%)	CP (%)	TDN (%)	Beef ³ (lbs/ac)	Site Years
OATS												
AC Assiniboia	88	(30)	93 (6)	95 (9)	91 (4)	83 (4)	97 (5)	107	10.2	62	936	(5)
AC Medallion	88	(11)	92 (1)	90 (4)	89 (4)	—	—	—	—	—	—	—
AC Mustang	93	(20)	91 (5)	94 (5)	—	96 (5)	92 (5)	102	10.8	62	985	(5)
CDC Baler	99	(15)	106 (4)	99 (4)	—	94 (3)	98 (4)	104	11.0	62	1051	(4)
CDC Bell	110	(4)	108 (1)	130 (1)	—	100 (1)	100 (1)	100	10.3	61	1117	(1)
CDC Boyer	—	—	—	—	—	—	—	—	—	—	—	—
CDC Pacer	94	(11)	99 (1)	94 (4)	96 (4)	—	—	—	—	—	—	—
Dumont	90	(11)	95 (1)	94 (4)	88 (4)	—	—	—	—	—	—	—
Furlong	95	(11)	103 (3)	102 (3)	—	75 (2)	101 (3)	111	11.0	64	997	(3)
Jordan	102	(12)	94 (3)	102 (3)	—	94 (3)	97 (3)	98	9.3	61	1061	(3)
Murphy	99	(11)	98 (3)	100 (3)	—	93 (2)	103 (3)	97	11.6	59	940	(3)
Pinnacle	95	(26)	99 (5)	99 (8)	100 (4)	90 (3)	94 (4)	100	8.8	60	1049	(3)
Triactor	99	(8)	105 (2)	101 (2)	—	92 (2)	98 (2)	107	9.2	61	1177	(2)
Triple Crown	100	(34)	100 (7)	100 (10)	100 (4)	100 (5)	100 (6)	113	10.4	61	1058	(6)
Variety	Manitoba Mean ¹ % of Banjo		Yield at Test Sites % of check ¹					Forage Quality ²				
			Arborg	Boissevain/ Melita	Hamiota/ Minnedosa	Rosebank	Roblin	RFV (%)	CP (%)	TDN (%)	Beef ³ (lbs/ac)	Site Years
TRITICALE												
AC Alta	104	(11)	82 (1)	117 (4)	94 (4)	—	—	—	—	—	—	—
AC Certa	99	(11)	93 (1)	104 (4)	93 (4)	—	—	—	—	—	—	—
Banjo	100	(19)	100 (3)	100 (6)	100 (4)	—	—	—	105	10.4	61	1052 (2)
Bumper	91	(4)	82 (1)	87 (1)	—	99 (1)	97 (1)	105	10.1	60	1051	(1)
Bunker	89	(8)	80 (2)	91 (2)	—	94 (2)	92 (2)	100	9.5	60	903	(3)
Pronghorn	108	(3)	108 (2)	—	—	—	—	—	—	—	—	—
SANDRO	101	(11)	81 (1)	108 (4)	98 (4)	—	—	—	—	—	—	—
TR-196	88	(4)	92 (1)	72 (1)	—	97 (1)	89 (1)	106	9.0	61	856	(2)
Tyndal	87	(8)	88 (2)	79 (2)	—	92 (2)	92 (2)	107	10.0	61	900	(3)
Variety	Manitoba Mean ¹ % of 40-10		Yield at Test Sites % of check ¹					Forage Quality ²				
			Arborg	Boissevain/ Melita	Hamiota/ Minnedosa	Rosebank	Roblin	RFV (%)	CP (%)	TDN (%)	Beef ³ (lbs/ac)	Site Years
PEAS												
40-10 (Check)	100	(22)	100 (5)	—	—	—	—	100 (4)	122	16	57	980 (4)
CDC Leroy	105	(22)	96 (5)	—	—	—	—	95 (4)	154	16	63	1136 (4)
CDC Minuet	95	(22)	97 (5)	—	—	—	—	100 (4)	155	16	64	1050 (4)
CDC Sonata	104	(22)	98 (5)	—	—	—	—	96 (4)	141	17	60	1077 (4)
CDC Tucker	105	(22)	94 (5)	—	—	—	—	99 (4)	142	16	62	1118 (4)
Trapper	90	(22)	83 (5)	—	—	—	—	87 (4)	129	17	58	898 (4)
Variety	Manitoba Mean ¹ (% of check)		Yield at Test Sites % of check ¹					Forage Quality ²				
			Arborg	Boissevain/ Melita	Hamiota/ Minnedosa	Rosebank	Roblin	RFV (%)	CP (%)	TDN (%)	Beef ³ (lbs/ac)	Site Years
FOXTAIL MILLET												
Yellow (Golden German)	100	(9)	100 (1)	100 (3)	—	100 (2)	100 (3)	85	9.4	59	828	(3)
Red (Siberian)	93	(9)	78 (1)	90 (3)	—	99 (2)	105 (3)	89	9.7	59	791	(3)
Check - Golden German average Dry Matter yield 5602 lb/ac (6273 kg/ha) over 9 site years.												
PROSO MILLET												
Green (Crown)	100	(10)	100 (1)	100 (3)	—	100 (3)	100 (3)	99	10.2	61	823	(3)
Red (Cerise)	101	(10)	91 (1)	109 (3)	—	93 (3)	112 (3)	98	10.4	61	862	(3)
Yellow (AC Prairie Gold)	102	(10)	95 (1)	100 (3)	—	91 (3)	121 (3)	99	10.5	61	836	(3)
Check - Crown average Dry Matter yield 4639 lb/ac (5195 kg/ha) over 10 site years.												

1 Check varieties for cereal crops depends on the year tested. Virden: 8788 lb/ac (9841 kg/ha) over 28 site years; AC Ranger yield: 6292 lb/ac (7046 kg/ha) over 24 site years; Triple Crown 9927 lb/ac (11,117 kg/ha) over 34 site years; Banjo 10,148 lb/ac (11,366 kg/ha) over 14 site years. Forage Pea check 40-10 with an average yield of 9192 lb/ac (10,320 kg/ha) on 22 site years. Data collected over 6 years (2003-2008) on six sites: Arborg, Roblin (MB), Sutherland, Floral (SK), Lacombe, Edmonton (AB).

2 Forage quality: Barley, Oats, Triticale average values from a Manitoba Forage Council test in 2005-2010 on 4 sites (Arborg, Melita, Roblin, Rosebank). Peas average values from 2006-2007 on 2 sites (Roblin and Arborg).

3 Relative Feed Value (RFV), Crude Protein (CP), Total Digestive Nutrients (TDN). Beef, is an estimation of pounds of beef produced under optimum feeding conditions using a rule of thumb that one pound of beef requires an average of 6 lbs of TDN.

5525 CL CRUSHES NEXERA 2012 CL

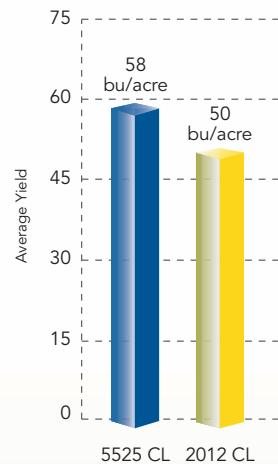
5525 CL

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5525 CL is a yield-leading variety in all canola production systems, delivering outstanding net returns while you retain complete marketing flexibility. Head-to-head in the 2011 Canola Performance Trials mid-season zone, 5525 CL out-yielded Nexera® 2012 by an average of 8 bu/ac¹. The result: \$50.36¹ per acre more in farmers' pockets even after specialty oil premiums. With the freedom to market 5525 CL anywhere, and high net returns, 5525 CL crushes the competition.

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² Data from 2011 Canola Performance Trials – medium season zone.

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¹Based on 2012 Nexera oil premiums and 2012 SR Ps on the seed. For complete details on the trials visit www.canolaperformancetrials.ca

ALFALFA — Variety Descriptions

Variety	Root Type ¹	Use ²	Type ³	Fall ⁴		Winter		Disease Resistance Ratings: ⁷			Year Registered	Notes ⁸	Seed Source
				Dormancy	Hardiness ⁵	Maturity ⁶	BW	VW	PRR				
3010	Sunken	H,P	F,V	3.6	1.8	Medium	HR	HR	HR	2010	Sunken Crown	2	
4010 BR	Branch	H	F	3.6	1.6	Medium	HR	HR	HR	2010	Branched root	2	
4020 MF	Taproot	H	F	4	1.8	Medium	HR	HR	HR	2010	Multifoliate	2	
53Q60	Taproot	H,P	F,V	3	3.0	Early	HR	R	HR	1999	—	12	
54H91	Taproot	H	—	4	3.0	—	HR	HR	HR	—	—	12	
54Q25	Taproot	H,P	V	4	—	—	HR	HR	HR	2003	—	12	
54V46	Taproot	H	—	4	3.0	—	R	R	R	2004	—	12	
54V54	Taproot	H	V	4	2.5	—	HR	HR	HR	2000	—	12	
Able	Taproot	H,P	F,V	2.5	2.9	Early	HR	HR	HR	1995	—	11	
AC Blue J	Taproot	H	F	—	—	Medium	HR	R	R	1994	—	17	
AC Caribou	Taproot	H	F,V	3	1.9	Early	HR	R	MR	1990	—	2	
AC Grazeland Br	Taproot	P,H	V	2	—	Medium	R	S	—	1998	Bloat reduced	11	
AC Longview	Taproot	H	F	3	2.9	Medium	HR	R	—	1999	—	11	
Algonquin	Taproot	H,P	V	2	2.1	Medium	HR	S	S	1973	—	15	
AmeriStand 201+Z	Taproot	H	F	2	1.7	—	HR	HR	HR	2002	Sunken crown	20	
Apica	Taproot	H	F	3	2.3	Early	R	S	S	1982	—	18	
Approved	Taproot	H	F	—	—	Medium	HR	HR	HR	2004	Multifoliate	11	
Atomic	Taproot	H	F,V	3.8	—	—	HR	R	HR	2000	—	18	
Beaver	Taproot	H,P	V	2	2.1	Medium	R	S	S	1961	—	15	
Concept	Taproot	H,P	F,V	3	2.0	Medium	HR	HR	HR	2004	—	2	
Equinox	Taproot	H	V	3.5	—	Medium	HR	HR	HR	2006	—	20	
Forerunner	Taproot	H	F,V	2	—	Early	HR	HR	HR	1995	Multifoliate	6	
Gala	Taproot	H	V	2	2.7	Early	HR	HR	HR	1996	Multifoliate	20	
Halo	—	—	—	—	—	—	—	—	—	—	—	20	
HayGrazer	Branch	P,H	V	3	3.5	Early-Medium	HR	R	R	2002	Sunken crown	9	
Heinrichs	Creeping	P,H	V	1	2.1	Medium-Late	R	—	—	1981	—	20	
Hornet	Taproot	H	F	—	—	Medium	HR	R	HR	1997	—	11	
Hybriforce 400	Taproot	H,P	—	4	3.0	Medium	HR	R	HR	2003	Hybrid	2	
Hybriforce 2410	Taproot	H	—	3.6	1.6	Medium	HR	HR	HR	2010	Hybrid	2	
Leader	Taproot	H	—	3.7	1.3	—	HR	HR	HR	2007	Multifoliate	11	
Magnum 3801 Wet	Tap/Branch	H	F	3	—	Medium	HR	R	HR	2004	—	2	
Matrix	Creeping	P,H	—	2	—	Medium	HR	MR	R	2004	Resistant pea aphid	8	
Multi5301	Taproot	H	V	3	2.9	Early-Medium	HR	R	R	2002	Multifoliate	8,10	
Pickseed 2065MF	Taproot	H	V	3.7	2.0	—	HR	R	HR	2000	Multifoliate	11	
Pickseed 3006	Creeping	P,H	F,V	2	—	—	HR	MR	MR	1999	—	11	
Quattro HR	Taproot	H	V	—	2.6	Early	HR	R	HR	1996	—	11	
Rambler	Creeping	P,H	V	1	—	Late	MR	S	S	1955	—	15	
Rangelander	Creeping	P,H	V	1	2.0	Late	S	S	S	1978	—	17	
RHINO	Taproot	H	V	3	—	Medium	HR	R	R	2002	—	9	
Runner	Creeping	P,H	V	2	2.6	Medium-Late	HR	S	—	1995	—	9	
Spredor 4	Creeping	P,H	F,V	1.5	—	Medium	HR	HR	HR	2002	—	20	
Spyder	Creeping	P,H	—	1	1.0	Medium-Late	HR	R	R	2009	—	2	
Starbuck	Taproot	H	F	3.7	—	—	HR	R	HR	2001	Multifoliate	11	
Stealth SF	Taproot	H	V	4	1.9	Early	HR	R	HR	2004	—	9	
Survivor	Taproot	H	F	3	—	Medium	HR	R	HR	1999	Sunken Crown	2	
Tophand	Taproot	H	V	4	—	Medium	HR	HR	HR	2004	Multifoliate	9	
Totem	—	—	—	—	—	—	—	—	—	2010	—	—	
Trident II	Taproot	H	F,V	3	—	Early	—	—	—	1993	—	3	
Ultra	Taproot	H	F	3	—	Medium	—	—	R	1988	—	6	
Vision	Taproot	H	—	4.4	1.5	—	HR	HR	HR	2009	Multifoliate	11	

Check - Beaver Average Dry Matter Yield 8980 lb/ac (10,058 kg/ha) over 150 site years.

1 Creeping rooted alfalfa types can be more tolerant to grazing than tap rooted types, and may offer better winter hardiness.

2 Use: (H)Hay - developed for maximum yield; may have lower persistence under grazing;

(P) Pasture - varieties are low growing, higher grazing tolerance. First letter is preferred use.

3 Type: F-Flemish type, purple flowered & early-growing. V-Variegated type, derived from flemish & falcata type crosses. F,V-Mixed type, exhibits both characteristics.

4 FD: indicates the varieties characteristic to go dormant in fall. FD 9: will grow vigorously in fall; FD 2: will have little fall growth evident.

Varieties with ratings of 1 - 4 are considered adequately winter hardy for Manitoba conditions while those of 5 or higher are not well adapted.

Varieties with higher ratings should be managed carefully.

5 WH: ability of plants to survive winter and be productive next year. Ratings utilize North American approved Winter Hardiness Zone ratings. Varieties are compared against known check varieties (1=most hardy, 5=least hardy). Score of 1 indicates adaptation to all zones, score of 2 indicates adaptability in zones 2 and above, score of 3 indicates adaptability in 3 and above. (See Winter Hardiness Zone map in front of forage section). Scores are from the Manitoba Forage Council and 3rd party northern US tests using a minimum of 4 sites years of data over 2 winters. Grazing Tolerance: University of Manitoba study (1996 - 1999) determined winterhardiness was more influential than grazing tolerance to stand persistence under grazing.

ALFALFA — Yield Comparisons

FORAGE CROPS

Variety	% Manitoba Mean ⁹			Manitoba Mean % of Beaver	Yield at test sites % of Beaver			
	1st Cut	2nd Cut	3rd Cut		Arborg	Brandon ¹⁰	Neepawa-Rosebank ¹¹	Steinbach-St. Pierre ¹²
3010	104 (6)	116 (5)	—	108 (6)	—	—	105 (4)	99 (2)
4010 BR	—	—	—	—	—	—	—	—
4020 MF	—	—	—	—	—	—	—	—
53Q60	92 (6)	103 (6)	—	97 (6)	—	—	96 (3)	98 (3)
54H91	—	—	—	—	—	—	—	—
54Q25	97 (8)	104 (6)	87 (1)	96 (8)	101 (3)	—	84 (3)	104 (2)
54V46	95 (9)	107 (8)	106 (4)	100 (9)	98 (3)	—	102 (3)	99 (3)
54V54	97 (9)	104 (7)	—	102 (9)	102 (3)	—	103 (3)	100 (3)
Able	94 (2)	106 (2)	—	97 (2)	—	—	97 (2)	—
AC Blue J	97 (70)	107 (63)	112 (21)	101 (75)	98 (24)	105 (5)	101 (26)	100 (20)
AC Caribou	105 (13)	110 (13)	143 (10)	108 (13)	107 (5)	104 (4)	113 (3)	111 (1)
AC Grazeland Br ⁸	97 (9)	107 (9)	110 (4)	99 (9)	97 (3)	—	96 (3)	104 (3)
AC Longview	98 (17)	101 (16)	114 (9)	98 (17)	101 (8)	—	95 (3)	98 (6)
Algonquin	102 (28)	106 (27)	126 (19)	103 (28)	108 (12)	111 (3)	97 (8)	98 (5)
AmeriStand 201+Z	100 (6)	98 (6)	115 (1)	99 (12)	—	—	100 (9)	95 (3)
Apica	101 (18)	102 (17)	147 (14)	106 (18)	104 (6)	102 (9)	114 (3)	—
Approved	102 (6)	104 (6)	112 (1)	103 (6)	—	—	103 (3)	103 (3)
Atomic	95 (9)	106 (9)	134 (4)	100 (9)	98 (3)	—	94 (3)	108 (3)
Beaver	100 (142)	100 (133)	100 (56)	100 (150)	100 (49)	100 (14)	100 (48)	100 (35)
Concept	—	—	—	—	—	—	—	—
Equinox	94 (7)	94 (7)	109 (2)	100 (13)	95 (2)	—	104 (9)	99 (2)
Forerunner	125 (5)	119 (5)	154 (1)	117 (5)	127 (2)	—	108 (3)	—
Gala	94 (10)	110 (10)	163 (10)	104 (10)	100 (7)	106 (1)	—	109 (2)
Halo	—	—	—	107 (1)	—	—	107 (1)	—
HayGrazer	102 (7)	108 (7)	108 (1)	105 (7)	—	—	107 (4)	103 (3)
Heinrichs	100 (37)	98 (37)	119 (27)	98 (37)	96 (15)	98 (9)	103 (8)	95 (5)
Hornet	100 (13)	117 (12)	210 (8)	110 (13)	116 (6)	—	95 (3)	114 (4)
Hybriforce 400	97 (9)	107 (8)	124 (1)	100 (9)	98 (3)	—	93 (3)	108 (3)
Hybriforce 2410	—	—	—	—	—	—	—	—
Leader	—	—	—	—	—	—	—	—
Magnum 3801 Wet	—	—	—	—	—	—	—	—
Matrix	92 (9)	101 (8)	108 (1)	95 (9)	95 (3)	—	85 (3)	104 (3)
Multi5301	100 (8)	101 (8)	—	100 (8)	—	—	97 (5)	104 (3)
Pickseed 2065MF	97 (9)	108 (8)	129 (1)	100 (9)	97 (3)	—	92 (3)	110 (3)
Pickseed 3006	95 (9)	99 (9)	112 (4)	95 (9)	91 (3)	—	94 (3)	101 (3)
Quattro HR	115 (10)	110 (10)	132 (2)	111 (10)	131 (2)	—	104 (5)	106 (3)
Rambler	99 (131)	93 (122)	68 (44)	94 (139)	98 (44)	92 (13)	96 (46)	92 (32)
Rangelander	98 (75)	92 (68)	75 (24)	94 (81)	99 (27)	92 (7)	96 (26)	94 (19)
RHINO	105 (5)	120 (5)	118 (1)	111 (5)	—	—	109 (2)	113 (3)
Runner	95 (8)	102 (8)	91 (5)	101 (8)	110 (2)	93 (4)	100 (2)	—
Spredor 4	97 (12)	101 (6)	—	102 (12)	—	—	104 (9)	96 (3)
Spyder	96 (8)	94 (8)	98 (3)	95 (8)	105 (3)	—	94 (3)	86 (2)
Starbuck	92 (9)	96 (9)	97 (1)	93 (9)	99 (3)	—	83 (2)	97 (3)
Stealth SF	107 (8)	111 (8)	96 (3)	119 (8)	107 (3)	—	121 (3)	100 (2)
Survivor	95 (9)	108 (7)	129 (4)	99 (9)	87 (3)	—	102 (3)	109 (3)
Tophand	97 (9)	111 (7)	—	102 (9)	99 (3)	—	105 (3)	102 (3)
Totem	—	—	—	—	—	—	—	—
Trident II	105 (12)	108 (11)	152 (3)	106 (12)	109 (4)	—	105 (8)	—
Ultra	125 (5)	116 (5)	125 (1)	115 (5)	122 (2)	—	108 (3)	—
Vision	—	—	—	—	—	—	—	—

Check - Beaver Average Dry Matter Yield 8980 lb/ac (10,058 kg/ha) over 150 site years.

6 Maturity rating indicates relative comparison of first flowering dates. Early varieties will bloom before late varieties, may provide more cuts/year, but are less hardy.

7 Disease Resistance:(HR) highly resistant; (R) resistance; (MR) moderately resistant; (S) susceptible. Bacterial Wilt (BW), Verticillium Wilt (VW) Phytophythora Root Rot (PRR).

8 Multifoliate varieties have genetic potential to produce 4 or more leaflets per leaf. This trait is influenced by environmental conditions.

9 These numbers represent the long term average yields as a percent of Beaver, on a per cut basis.

10 Brandon was discontinued in 1995 as a forage variety testing site.

11 The Neepawa site was moved to Rosebank in 2004.

12 The St.Pierre site was moved to Kelburn Farms (St.Adolphe) in 2009. The average mean yields in this column contain data from the following: Kelburn Farms (2009-2011);St.Pierre (1999-2008); Steinbach (1993-1998).

OTHER LEGUME — Variety Descriptions and Yield Comparisons (All Varieties have Limited Data)

Variety	Manitoba Mean % of Check	Use ¹	Winter Hardiness ²	Regrowth	Maturity	Notes ³	Year Registered	Seed Source
BIRDSFOOT TREFOIL								
AC Langille	95 (5)	P	G	Good	Early	non-bloating	1995	20
Bull	97 (3)	P	G	Good	—	non-bloating	1991	11
Empire	87 (4)	P	F	Medium	—	non-bloating	1951	15
Leo	100 (19)	P	G	—	Early	non-bloating	1963	15
OAC Bright	96 (3)	P	E	Medium	—	non-bloating	—	11
Upstart	102 (5)	P	G	—	—	non-bloating	1986	11
Check - Leo average Dry Matter Yield 5610 lb/ac (6299 kg/ha) over 19 site years								
ALSIKE CLOVER								
Frida	— —	—	—	—	—	—	—	11
CICER MILKVETCH								
AC Oxley II	— —	—	—	—	—	non-bloating	—	2
Oxley	100 (11)	P	E	—	—	non-bloating	—	11
Windsor	119 (6)	P	E	—	—	non-bloating	—	20
Check - Oxley average Dry Matter Yield 4544 lb/ac (5102 kg/ha) over 11 site years								
RED CLOVER								
Belle	— —	H,P	—	—	—	double-cut	—	11
Concorde	— —	H,P	—	—	—	double-cut	1992	11
Juliet	— —	H,P	—	—	—	double-cut	—	2
Prima	— —	H,P	—	—	—	double-cut	—	11
Wildcat	— —	—	—	—	—	—	—	2
YELLOW SWEET CLOVER								
Norgold	100 (1)	H	—	—	Very Early	low coumarin	1981	17
Yukon	102 (1)	H	—	—	Early	—	1970	15
Check - Norgold average Dry Matter Yield 4254 lb/ac (4772 kg/ha) over 1 site year								
SAINFOIN								
Nova	100 (11)	H,P	—	—	—	non-bloating	—	17
Check - Nova average Dry Matter Yield 4336 lb/ac (4856 kg/ha) over 11 site years								
NATIVE LEGUME SPECIES								
Limited data for the following marketed Native Legume Species:								
Purple Prairie Clover, White Prairie Clover, American Vetch								
8,20								

1 Use Classes: H - Hay use P - Pasture.

2 Winter Hardiness: Ratings based on winter hardness with check variety: (F) Fair; (G) Good; (E) Excellent.

3 Coumarin is a substance with anti-coagulant properties that is present in all sweet clover varieties. However, newer varieties have been developed with sub-acute levels.

GRASS SPECIES — Variety Descriptions and Yield Comparisons

Variety	Manitoba Mean % of check	Use ¹	Maturity	Year Registered	Notes ²	Seed Source
ANNUAL RYEGRASS						
Italian						
Barmultra	101 (3)	—	—	1981	—	20
Fabio	— —	—	—	—	—	2
Maris Ledger	100 (8)	—	—	1979	—	15
Max	— —	—	—	—	—	11
Nabucco	99 (3)	—	Early/medium	2008	—	9
Check - Maris Ledger average Dry Matter yield 7597 lb/ac (8536 kg/ha) over 8 site years.						
Westerwold						
Aubade	100 (9)	—	Early	1982	—	2
Elunaria	101 (3)	—	—	2008	—	9
SW Botrus	— —	—	—	—	—	11
Sabroso	105 (3)	—	—	—	—	20
Check - Aubade average Dry Matter yield 7913 lb/ac (8891 kg/ha) over 9 site years.						
CREEPING FOXTAIL						
Garrison	100 (3)	P	—	—	—	11
Check - Garrison Dry Matter Average yield 2650 lb/ac (2973 kg/ha) over 3 site years						
CREEPING RED FESCUE						
Boreal	100 (10)	P	Early	1966	—	15
Check - Boreal average Dry Matter yield 4739 lb/ac (5321 kg/ha) over 10 site years.						

Variety	Manitoba Mean % of check	Use ¹	Maturity	Year Registered	Notes ²	Seed Source
CRESTED WHEATGRASS						
AC Goliath	—	—	—	2003	—	17
AC Parkland	—	P	—	1999	—	11
Fairway	93 (17)	H, P	—	1932	Diploid	15
Kirk	100 (35)	H, P	—	1987	Tetraploid	17
Nordan	93 (17)	H, P	—	1958	Tetraploid	15
Parkway	91 (17)	H, P	—	1969	Diploid	11
Check - Kirk average Dry Matter Yield 5724 lb/ac (6416 kg/ha) over 35 site years.						
INTERMEDIATE WHEATGRASS						
Chief	100 (9)	H	—	1961	—	17
Clarke	97 (5)	H	—	1980	—	10
Check - Chief average Dry Matter Yield 5329 lb/ac (5978 kg/ha) over 9 site years.						
MEADOW BROME						
Fleet	100 (40)	P,H	—	1987	—	17
Montana	99 (15)	P,H	—	—	—	20
MBA	— —	—	—	—	—	11
Cache	99 (8)	P,H	—	—	—	9
Paddock	101 (10)	P,H	Early	1987	—	17
Check - Fleet average Dry Matter Yield 4807 lb/ac (5383 kg/ha) over 40 site years.						
MEADOW x SMOOTH BROMEGRASS						
Success ♂	— —	P,H	—	—	Hybrid	11
Bigfoot	— —	P,H	—	—	Hybrid	2
Knowles ♂	103 (12)	P,H	—	—	Hybrid	20
Check - Fleet average Dry Matter Yield 4498 lb/ac (5054 kg/ha) over 12 site years.						
MEADOW FESCUE						
Ensign	100 (25)	P,H	—	1944	—	11
Epic	— —	P,H	Early-Medium	—	—	2
Prevail	— —	—	—	—	—	9
Sigmund	— —	P,H	Early-Medium	—	—	11
Check - Ensign average Dry Matter Yield 4157 lb/ac (4667 kg/ha) over 25 site years.						
MEADOW FOXTAIL						
Mountain	127 (5)	P	—	1989	—	15
Check - Dan average Dry Matter Yield 4696 lb/ac (5272 kg/ha) over 7 site years						
ORCHARDGRASS						
AC Nordic	97 (6)	P,H	Late	1992	Winter Hardiness - VG	2
Arctic	114 (10)	P,H	Medium-Late	1989	Winter Hardiness - E	9
Baridana	— —	P,H	Late	—	—	20
Early Arctic	— —	P,H	Medium	—	Winter Hardiness - E	9
Kay	100 (53)	P,H	Late	1970	Winter Hardiness - G	11
Killarney	— —	—	—	—	—	17
Kootaney	— —	—	—	—	—	17
Okay	— —	H,P	Very Late	1992	Winter Hardiness - VG	11
Check - Kay average Dry Matter Yield 4487 lb/ac (5029 kg/ha) over 59 site years.						
PUBESCENT WHEATGRASS						
Greenleaf	— —	P,H	—	1966	—	20
QUACKGRASS x BLUEBUNCH WHEATGRASS						
NewHy	— —	P,H	—	—	—	20
REED CANARYGRASS3						
Bellevue	— —	P, H	Early	1993	Low alkaloid	11
Marathon	— —	P,H	Medium	—	Low alkaloid	9,20
Rival	100 (21)	P,H	—	1985	Low alkaloid	2
Vantage	112 (21)	P,H	Early	1981	Low alkaloid	12
Venture	108 (21)	P,H	Very Early	1987	Low alkaloid	9
Check - Rival average Dry Matter Yield 4746 lb/ac (5324 kg/ha) over 21 site years.						
RUSSIAN WILD RYEGRASS						
Swift	100 (6)	P,H	—	1978	—	17
Check - Swift average DM yield 3951lb/ac (4432 kg/ha) over 6 site years.						
SLENDER WHEATGRASS						
Revenue	100 (6)	P,H	—	1970	—	11
Check - Revenue average Dry Matter yield 3928 lb/ac (4407 kg/ha) over 6 site years.						
SMOOTH BROMEGRASS						
AC Rocket ♂	105 (15)	H	—	2001	—	20
Baylor	98 (17)	H, P	—	1969	—	11
Bravo	98 (7)	H, P	Early	1983	—	11
Carlton	100 (65)	H, P	—	1961	—	15
Magna	99 (26)	H, P	—	1968	—	17
Peak	— —	H, P	—	—	—	11
Signal	— —	H,P	—	1983	—	17, 20
Check - Carlton average Dry Matter Yield 5857 lb/ac (6559 kg/ha) over 66 site years.						

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GRASS SPECIES (continued)

Variety	Manitoba Mean % of check	Use ¹	Maturity	Year Registered	Notes ²	Seed Source
TALL FESCUE						
Barcel	— —	H,P	Late	1988	—	20
Courtenay	100 (28)	P,H	Late	1987	Winter Hardiness - G	9
Dovey	— —	P,H	—	—	Winter Hardiness - G	11
Fuego	— —	P,H	—	1990	—	11
Kokanee	96 (9)	P,H	—	—	Winter Hardiness - G	2
Maximize	92 (7)	P,H	Late	1990	—	11
Check - Courtenay average Dry Matter Yield 5751 lb/ac (6441 kg/ha) over 28 site years.						
TALL WHEATGRASS						
Orbit	100 (6)	P,H	—	1966	—	17
Check - Orbit Average Dry Matter yield 4216 lb/ac (4730 kg/ha) over 6 site years.						
TIMOTHY						
Basho	99 (18)	H	Medium	1974	—	17
Champ	98 (25)	H,P	Early	1967	—	15
Climax	100 (88)	H,P	Medium-Late	1947	—	15
Drummond	96 (14)	H	Very Late	1940	—	11
Farol	74 (10)	H	Late	1985	—	11, 20
Grindstad	99 (9)	H,P	Early	2000	—	20
Itasca	103 (20)	H,P	Medium	1972	—	11
Richmond	103 (23)	H,P	Very Early	1976	—	11
Tuukka	99 (11)	H	Late	1997	—	19
Limited data for the following marketed varieties.						
Alexander	85 (6)	H	Late	1987	—	19
Alma	96 (3)	H	Medium	1990	—	11
Argus	92 (1)	H	Medium-Early	1998	—	11
Aurora	— —	—	Late	—	—	2
Bottnia II	104 (5)	H,P	Medium	1985	—	20
Carola	— —	H	—	1990	—	11
Colt	100 (3)	H	Medium	1995	—	20
Comtal	— —	H,P	Medium-late	—	—	11
Derby	— —	—	—	—	—	20
Express	112 (6)	H,P	Medium-Late	—	—	9
Joliette	85 (2)	H	Medium	—	—	11
Mariposa	106 (7)	H,P	Late	1984	—	11
Nike	101 (3)	H,P	—	1989	—	11
Promesse	100 (6)	H,P	Medium	1993	—	2
TimPro	— —	H	Early	2001	—	11
Check - Climax average Dry Matter Yield 4742 lb/ac (5315 kg/ha) over 92 site years.						
NATIVE GRASS SPECIES						
Limited data for the following marketed Warm Season Native Grass Species:						
Little Bluestem, Big Bluestem, Sand Bluestem, Indiangrass, Prairie Sandreed					1, 2,8,9	
Sideoats, Grama, Blue Gramma, Switchgrass and Prairie Cordgrass, Western Wheatgrass					11,13,19, 20	
Limited data for the following marketed Cool Season Native Grass Species						
Canada Wildrye, Green Needlegrass, Western Wheatgrass					1, 2,8,9	
Northern Wheatgrass, Streambank Wheatgrass and, Needle and Thread grass.					11,13,19, 20	

1 Use Classes: H - Hay use P - Pasture use. Pasture type varieties tend to display better regrowth.

2 Notes: Reed Canarygrass - Alkaloids adversely affect the nervous system and the rumen digestion. Winter Hardiness: Based on winter hardiness with check variety: (F) Fair; (G) Good; (VG) Very Good; (E) Excellent.

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Foxwarren; George Graham Seed Farms; Box 193; R0J 0R0	204-847-2000
Foxwarren; Hamilton Seeds; Box 43; R0J 0R0	204-683-2496
Foxwarren; West-Fox Farms; Box 97; R0J 0R0	204-683-2247
Franklin; Viterra; Box 25; R0J 0S0	204-476-2668
Gilbert Plains; T & S Seeds; RR 3; R0L 0X0	204-548-2805
Gilbert Plains; Viterra; PO Box 667; R0L 0X0	204-548-2281
Gladstone; Delmar Commodities; Box 480; R0J 0T0	204-385-2292
Gladstone; Milne Farms Ltd.; Box 258; R0J 0T0	204-385-2486
Gladstone; Viterra; Box 67; R0J 0T0	204-385-2349
Glenboro; Jefferies Seeds; Box 582; R0K 0X0	204-827-2102
Glenboro; Viterra; Box 640; R0K 0X0	204-827-2842
Glenlea; Bartmanovich Bros.; Box 6; R0G 0S0	204-736-4638
Grandview; Triple "S" Seeds Ltd.; RR 4; R0L 0Y0	204-546-2590
Gretna; Viterra - Ag Retail; Box 429; R0G 0V0	204-327-5343
Griswold; Viterra; Box 128; R0M 0S0	204-855-2218
Grosse Isle; Rutherford Farms Ltd.; Box 100; R0C 1G0	204-467-5613
Grosse Isle; Viterra; Box 160; R0C 1G0	204-467-8026
Hamiota; Chappell Ag Ventures Inc.; Box 628; R0M 0T0	204-764-2844
Hamiota; Knight Seeds; Box 306; R0M 0T0	204-764-2450
Hamiota; Viterra; Box 460; R0M 0T0	204-764-2111
Hargrave; Viterra; 213 Railway Ave.; R0M 0W0	204-748-1126
Hazelridge; Robert and Andrew Samarama; Box 100; R0E 0Y0	204-755-2817
Holland; Marginets Farm; PO Box 45; R0G 0X0	204-526-2544
Holland; Viterra; Box 9; R0G 0X0	204-723-2423
Holland; Zeghers Seed Inc.; Box 426; R0G 0X0	204-526-2145
Homewood; Agassiz Seed Farm Ltd.; Box 54; R0G 0Y0	204-745-2868
Homewood; Pembina Consumers Coop (2000) Ltd; Box 26; R0G 0Y0	204-745-6421
Inglis; Jackson Seeds Ltd.; Box 142; R0J 0X0	204-564-2293
Kenton; R&E Stevenson; Box 206; R0M 0Z0	204-838-2012
Kenville; Carmichael Seed Farm; Box 68; R0L 0Z0	204-734-3913
Killarney; Chatham Seeds Ltd.; Box 1436; R0K 1G0	204-523-8112
Killarney; HB Agriseed Ltd.; Box 1870; R0K 1G0	204-523-7464
Killarney; Paterson Global Foods Inc.; Box 1230 Highway 18 North; R0K 1G0	204-523-8936
Killarney; Richardson Pioneer; Box 98; R0K 1G0	204-523-7035
La Salle; Wiens Bros.; 81 Kingswood Drive; R0G 0A1	204-736-4204
Landmark; Richardson Pioneer; Box 70 231 Main Street; R0A 0X0	204-355-4061
Landmark; Willow Ridge Seed Farm; Box 63 RR 1; R0A 0X0	204-388-4877
Laurier; LaurEx Seeds Ltd.; Box 55; R0J 1A0	204-447-2622
Letellier; BBF Enterprises Ltd.; Box 327; R0F 1C0	204-737-2605
Letellier; Seed-Ex Inc.; Box 238; R0G 1C0	204-737-2000
Lowe Farm; MB Seeds; RR 1 Box 217; R0G 1E0	204-746-2187
Lowe Farm; Pedigree by Penner; RR 1 Box 19; R0G 1E0	204-829-3556
Lowe Farm; Viterra - Kana AG Retail; Box 10 RR 1; R0G 1E0	204-343-2136
MacDonald; Adrain Ltd.; Box 12; R0H 0S0	204-274-2251
MacGregor; Hulme Agra Products Inc.; Box 68; R0H 0R0	204-685-2627
Manitou; Sanders Seed Farm; RR 1; R0G 1G0	204-242-2576
Marquette; Paul Friesen; Box 16 Group 40; R0H 0V0	204-322-5773
Mather; McLennan Farms Ltd.; Box 67; R0K 1L0	204-529-2372
McCreary; Musgrave Enterprises Ltd.; Box 369; R0J 1B0	204-835-2527
Medora; Vandale Seeds Ltd.; Box 144; R0M 1K0	204-665-2384
Melita; Cargill Ag Horizons - Elva; Box 148; R0M 1L0	204-522-3221
Miami; Viterra; Box 176; R0G 1H0	204-435-2223
Minota; Walker's Seed Service; Box 144; R0M 1M0	204-567-3647
Mintonas; Viterra; Box 85 258 Knox Ave.; R0L 1G0	204-525-2090
Minnedosa; Cordova Seeds; RR 2; R0J 1E0	204-867-2546
Minnedosa; Gugin Seeds; Box 789; R0J 2E0	204-867-3411
Minto; Fraser Seeds Ltd.; Box 85; R0K 1M0	204-776-2047
Minto; Southern Seed; Box 203; R0K 1M0	204-776-2333
Morden; Legumex Walker Canada Inc.; 301 South Railway; R6M 1G7	204-822-6629
Morden; Legumex Walker Canada Inc.-Elias Site; SW-22-4-5; R6M 1V9	204-829-6629
Morden; Philip Hildebrand and Norman Hildebrand; 901 Wardrop Street; R6M 1K2	204-362-0322
Morden; RJP Seed Ltd.; 2 Glenview Dr.; R6M 2A8	204-745-0088
Morris; David Hamblin Farms Ltd.; River Lot 346; R0G 1K0	204-746-6403
Morris; Friesen Seeds Ltd.; RR 1 Box 16; R0G 1K0	204-746-8325
Morris; Horizon Agro; Box 59 RR 1; R0G 1K0	204-746-2026
Neepawa; Northstar Seed Ltd.; Box 2220 534 Brown Ave.; R0J 1H0	204-476-5241
Newdale; Warehamdale Seeds Ltd.; Box 56; R0J 1J0	204-849-2029
Niverville; Terraflex Ag Services Inc.; Box 356; R0A 1E0	204-388-6565
Notre Dame De Lourde; Durand Seeds Inc.; Box 60; R0G 1M0	204-248-2268
Oak Bluff; Anseeuw Farms Inc.; Box 143; R0G 1N0	204-895-8375
Oak Bluff; Derek Erb Seeds Inc.; Box 272; R0G 1N0	204-830-7553
Oak Bluff; Terraco; Box 171; R0G 1N0	204-261-0731
Oak Lake; Gerlyn Acres Ltd.; Box 329; R0M 1P0	204-855-3128
Oak River; Henry, J.S. & Son Ltd.; Box 67; R0K 1T0	204-566-2422
Oakville; Blight Native Seeds Ltd.; Box 244; R0H 0Y0	204-267-2687
Oakville; Miller Agritec Inc.; Box 83; R0H 0Y0	204-267-2283
Petersfield; Viterra; PO Box 340 RD 92 HWY 8; R0C 2L0	204-738-2455
Pilot Mound; Cavers Farms Inc.; Box 90; R0G 1P0	204-825-2012
Pilot Mound; John M. Smith; Box 208; R0G 1P0	204-825-2715

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Pilot Mound; Viterra - Ag Retail; Box 419; R0G 1P0	204-873-2059
Pilot Mound; Wallace Seeds; RR 3; R0G 1P0	204-873-2655
Plum Coulee; Giesbrecht Seed Farms Ltd.; Box 60; R0G 1R0	204-829-3365
Plum Coulee; Janzen Seeds Ltd.; Box 43; R0G 1R0	204-829-7749
Plum Coulee; Viterra - Ag Retail; Box 71; R0G 1R0	204-829-3810
Plumas; Court Seeds and Greenhouses; Box 280; R0J 1P0	204-386-2354
Plumas; Tonn Seeds; Box 5; R0J 1P0	204-386-2206
Portage La Prairie; 5937150 Manitoba Ltd.; 524 6th Avenue NW; R1N 3C9	204-871-0767
Portage La Prairie; Best Cooking Pulses, Inc.; R1N 1B5	204-857-4451
Portage La Prairie; Jamor Farms Ltd.; RR 1 Box 47; R1N 3A1	204-857-8274
Portage La Prairie; Lake Manitoba Seed Co. Ltd.; RR 1 Box 64; R1N 3A1	204-857-8708
Portage La Prairie; McCallister Farms Ltd.; RR 1 Box 68; R1N 3A1	204-857-8444
Portage La Prairie; New Gen Seed Service Ltd.; RR 4 Box 9; R1N 3A4	204-274-2417
Portage La Prairie; Prairie Flax Products; Box 1057; R1N 3C5	204-252-2940
Portage La Prairie; Pugh Seeds Ltd.; RR 4 Box 32; R1N 3A4	204-274-2179
Portage La Prairie; Sanderson, Garry; RR 1 Box 61; R1N 3A1	204-857-8406
Portage La Prairie; Sissons Farms Ltd.; Box 822; R1N 3C3	204-856-9908
Rathwell; Viterra; Box 28; R0G 1S0	204-749-2212
Reston; Avondale Seed Farm Ltd.; Box 190; R0M 1X0	204-877-3813
Reston; Viterra; Box 416; R0M 1X0	204-877-3128
Rivers; Providence Farms; Box 424; R0K 1X0	204-328-7189
Rivers; Redspur Enterprises Ltd.; Box 579; R0K 1X0	204-328-5346
Roblin; G M Seed Cleaning; RR 1; R0L 1P0	204-937-2739
Roblin; Viterra; Box 1270; R0L 1P0	204-937-6370
Rossburn; Sunny Acres Seed Farm; Box 245; R0J 1V0	204-859-2431
Rosser; Krym Farms Ltd.; Box 56; R0H 1E0	204-467-9081
Rosser; Mei-West Enterprises Inc.; Box 87; R0H 1E0	204-467-5922
Russell; Keating Seed Farms Inc.; Box 820; R0J 1W0	204-773-3854
Russell; Woroneski's Seed Plant; Box 1328; R0J 1W0	204-773-3262
S. Claude; R-Way Ag Ltd.; Box 388; R0G 1Z0	204-379-2582
Sanford; Bergen Seed Farm; Box 205; R0G 2J0	204-736-2278
Shoal Lake; Richardson Pioneer; Box 446; R0J 1Z0	204-759-2917
Snowflake; Double Diamond Farm Supply; Box 74; R0G 2K0	204-876-4557
Solsgirth; Nickel Bros.; Box 52; R0J 2B0	204-842-3786
Somerset; Sierens Seed Service; Box 35; R0G 2L0	204-744-2883
Somerset; Van Deynse Farms Ltd.; Box 205; R0G 2L0	204-744-2384
Souris; Kohut Seed Farms Ltd.; Box 98; R0K 2C0	204-483-3063
Souris; Viterra; Box 669; R0K 2C0	204-483-3860
Springstein; Wiebe Seeds; Box 82; R0G 2N0	204-735-2750
St Jean Baptiste; Viterra - Ag Retail; Box 369; R0G 2B0	204-758-3125
St Joseph; Remillard Seed Farm; Box 45; R0G 2C0	204-737-2376
St Joseph; Saskcan Pulse Trading; 10 Martin Street PO Box 36; R0G 2C0	204-737-2625
St Leon; Labossiere, Luc N.; CP 5106; R0G 2E0	204-744-2208
Starbuck; Richardson Pioneer; Box 9; R0G 2P0	204-735-2302
Starbuck; Viterra; Box 179; R0G 2P0	204-735-2258
Ste Agathe; Viterra; Box 68; R0G 1Y0	204-882-2567
Ste Anne; Seine River Seed Farm; Box 6-A RR 1; R5H 1R1	204-355-4495
Ste Rose du Lac; Gagnon Seed Service Ltd.; RR 2; R0L 1S0	204-447-2118
Ste Rose du Lac; S & L Luke Farms Ltd.; Box 426; R0L 1S0	204-447-2547
Steinbach; Marc Hutlet Seeds Ltd.; Box 3023; R5G 1P4	204-422-5805
Steinbach; South East Seeds Inc.; Box 40005; R5G 0N8	204-371-2898
Stonewall; Quarry Grain Commodities Inc.; Box 1840; R0C 2Z0	204-467-8877
Stonewall; Unger Seed Farm Ltd.; Box 471; R0C 2Z0	204-467-8630
Strathclair; Parrish & Heimbecker - Glossop; Box 426; R0J 2C0	204-365-5282
Swan River; Oberlin Farms & Seed Service Inc.; Box 132; R0L 1Z0	204-734-2292
Swan River; Swan Valley Seeds; Box 2256; R0L 1Z0	204-734-2526
Teulon; Kletke Seed Farm Ltd.; Box 23; R0C 3B0	204-886-2822
Teulon; Paterson Grain - Gunton; Box 865; R0C 1H0	204-886-3401
Treherne; Stinson Seeds; Box 1; R0G 2V0	204-723-2319
Virden; Clearview Acres Ltd.; Box 1060; R0M 2C0	204-748-2666
Warren; Jones Farm Seeds; Box 37; R0C 3E0	204-322-5604
Warren; Riddell Seed Co.; Box 334; R0C 3E0	204-227-5679
Waskada; Boissevain Select Seeds/Shur-Gro Farm Services; Box 159; R0M 2E0	204-534-6846
Wawanese; Ellis Farm Supplies Ltd.; Box 208; R0K 2G0	204-824-2290
Westbourne; Richardson Pioneer - Dundonald; Box 114; R0H 1P0	204-274-2301
Whitemouth; Oldenburg Inc.; Box 147; R0E 2G0	204-348-2294
Winkler; Delmar Commodities Ltd.; Box 1055; R6W 4B1	204-343-2323
Winkler; Ens Farms Ltd.; Box 218 RR 1 Group 16; R6W 4A1	204-325-4658
Winkler; Viterra; RR1 Box 72; R6W 4A1	204-325-6498
Winkler; Winkler Co-op; Box 1120; R6W 4B2	204-327-6424
Winnipeg; Botanical Paperworks Inc.; 111 Pacific Ave.; R3B 0M1	204-956-7393
Winnipeg; BrettYoung; PO Box 99 St. Norbert PO Hwy 330; R3V 1L5	204-478-2212
Winnipeg; DL Seeds Inc.; Box 98 St. Norbert PO; R3V 1L5	204-261-1178
Winnipeg; Imperial Seed (1979) Ltd.; 1038 Arlington Street; R3E 2G1	204-786-8457
Winnipeg; James Farms Ltd.; Box 16 Group 620 SS 6; R2C 2Z3	204-222-8785
Winnipeg; Monsanto Canada Inc.; 900 One Research Road; R3T 6E3	204-985-1037
Winnipeg; Parrish & Heimbecker - Transcona; Box 199 B RR 5; R2C 2Z2	204-222-7171
Winnipeg; PickSeed Canada Inc.; Box 4 Group 200 RR 1; R3C 2E6	204-633-0088

ACCREDITED PRIVATE SEED LABS

Lab Name and Address	Contact	Scope of CFIA Accreditation		Other Services
		Purity & Germination	Disease	
Manitoba				
20/20 Seed Labs 1357 Dugald Road Winnipeg, Manitoba R2J 0H3	Shari Lafreniere Tel: 1-877-420-2099 Fax: 1-888-900-1810 shari@2020seedlabs.ca	Crop kinds in Tables I to XI and XVI to XX	None	
Accu-Test Seed Lab Box 579 2nd Ave. E Rivers, Manitoba R0K 1X0	Dorothy Gerrard Tel: (204) 328-5313 Fax: (204) 328-7400 dgerrard@redspcr.ca	Crop kinds in Tables I to XI (except orchardgrass), XIII to XX	Pulses: Ascochyta spp.	Pulses: Anthracnose, Botrytis Vomitoxin
BioVision Seed Lab (Winnipeg) B17-1391 St.James Street. Winnipeg, Manitoba R3H 0Z1	Patrick Greer Tel: 1-877-721-2365 Fax: (204) 775-6614 Patrick.Greer@biovision.ca	Crop kinds in Tables I to XI (except orchardgrass), XIII to XVII	See BioVision Edmonton Lab	Grain analysis, Vomitoxin, Herbicide tolerance testing in RR Canola and LL Canola and RR Soybeans
Integrity Seed Lab Ltd. 1038 Arlington Street Winnipeg, Manitoba R3E 2G1	Glen Green Tel: (204) 774-1882 Fax: (204) 774-1881 info@integrityseedlab.com	Crop kinds in Tables I to XI (except orchardgrass), XIII to XX	None	Herbicide tolerance testing in RR Canola and LL Canola and RR Soybeans
Saskatchewan				
AG Seed Lab Box 998 Carrot River, Saskatchewan S0E 0L0	Janet Stoner Tel: (306) 768-3335 Fax: (306) 768-3337 agseedlab@sasktel.net	Crop kinds in Tables I to XX	Barley: True Loose Smut	Cereals: Fusarium; Pulses: Ascochyta, Anthracnose, Botrytis, Sclerotinia; Canola: Blackleg, Alternaria, Sclerotinia
Discovery Seed Lab 450 Melville St. Saskatoon, Saskatchewan S7J 4M2	Shirley Baraniski Tel: (306) 249-4484 Fax: (306) 249-4434 sbaraniski@seedtesting.com	Crop kinds in Tables I to XI (except orchardgrass), XII to XX	Barley and Wheat: True Loose Smut; Pulses: Ascochyta spp.	Flax: Trifid detection; Cereals: Fusarium; Pulses: Ascochyta, Anthracnose, Botrytis, Sclerotinia; Canola: Blackleg, Alternaria, Sclerotinia
Lendon Seed Lab 147 Hodsmen Road Regina, Saskatchewan S4N 5W5	Tej Prasad Tel: (306) 585-7333 Fax: (306) 585-7337 lendon.seeds@gmail.com	Crop kinds in Tables I to VI and XVIII	None	
Prairie Diagnostic Seed Lab Inc. 1105 Railway Ave. Weyburn, Saskatchewan S4H 3H5	Bonnie Ernst Tel: (306) 842-7375 Fax: (306) 842-7376 pds@sktel.net	Crop kinds in Tables I to VII	Barley: True Loose Smut	
Seed Solutions Seed Labs Inc. Box 1420 Swift Current, Saskatchewan S9H 3G6	Shanna Stolhandske-Dale Tel: (306) 741-9309 Fax: (306) 773-4460 seedssolutions@xplornet.com	No Purity; Germ: Crop kinds in Grade Tables I to VI	Barley: True Loose Smut	
Alberta				
20/20 Seed Labs Inc. Suite 201 Nisku, Alberta T9E 7N5	Carey Matthiessen Tel: (780) 955-3435 Fax: (780) 955-3428 carey@2020seedlabs.ca	Crop kinds in Tables I to XX	Barley and Wheat: True Loose Smut Pulses: Ascochyta spp.	Flax: Trifid detection
BioVision Seed Labs 7225 B Roper Road Edmonton, Alberta T6B 3J4	Terry McIntee Tel: (780) 436-8822 Fax: (780) 437-6875 terrym@biovision.ca	Crop kinds in Tables I to XI (except orchardgrass), XIII to XX	Barley and Wheat: True Loose Smut; Pea, Fababean and Lentil: Ascochyta spp.	Flax: Trifid detection; CLEARFIELD confirm in wheat & lentils; Cereals: Fusarium spp, Root Rot, Fungal Scan; Pulses: Botrytis, Anthracnose; Canola: Blackleg; Barley and Wheat: Varietal Identification
BioVision Seed Labs (Grande Prairie) Suite C, 12803 - 100 St. Grande Praire, Alberta T8V 4H3	Michele Kulba Tel: (780) 532-8890 Fax: (780) 513-0115 michele.kulba@biovision.ca	Crop kinds in Tables I to XX	None	
Parkland Laboratories 5410 Gaetz Avenue Red Deer, Alberta T4N 4B7	Walter Pitz Tel: (403) 342-0404 Fax: (403) 358-3836 waltpitz@telusplanet.net	Purity: Crop kinds in Tables I to VI; Germination: Crop kinds in Tables I to VII	None	Cereals: Fusarium
Precision Seed Testing Box 210 Beaverlodge, Alberta T0H 0C0	Sherry Corvalan Tel: (780) 354-2259 Fax: (780) 354-8955 precisionseed@xplornet.com	Crop kinds in Tables I to XI (except orchardgrass), XIII to XX	None	Cereals: Fusarium; Peas: Ascochyta spp; Canola: Blackleg
Seed Check Technologies Inc. #1B, 5904B - 50th Street Leduc, Alberta T9E 6J4	Morgan Webb Tel: (780) 980-8324 Fax: (780) 980-8375 morgan@seedcheck.net	Crop kinds in Tables I to XX	None	

Source: Canadian Food Inspection Agency, June 11, 2012



At Your Service



Dorothy Gerrard Krista Greenaius-Erickson
dgerrard@redsper.ca kerickson@redsper.ca
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The image contains the Ellis Seeds logo at the top left, which includes the company name in a stylized font with a sunburst graphic and the text "A Division of MTS Seeds". To the right of the logo is contact information: "TOLL FREE: 1-800-463-9209" and "PHONE: 1-204-824-2290". Below this, the text "Warren Ellis: 1-204-730-0430" and "FAX: 1-204-824-2198" is displayed, followed by the address "Box 208, Wawanesa MB R0K 2G0". At the bottom, there is an email address "Email: ellisseeds@mts.net" and a website "Website: www.ellisseeds.com". The background of the card features a faint photograph of a field with a tractor.

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