




SEED
MANITOBA

2022 Variety Selection & Growers Source Guide

Compliments of:

Manitoba Agriculture and
Resource Development

Manitoba Seed
Growers' Association

the Manitoba
Co-operator

www.seedmb.ca



GET SERIOUS FLEA BEETLE AND CUTWORM PROTECTION.

It's time to get serious about your early season plant health. Lumiderm™ insecticide seed treatment is proven to enhance flea beetle protection and control cutworms, ensuring increased early season seedling stand establishment, plant vigour and biomass.

Order your canola with Lumiderm today.
Ask your local seed supplier. lumiderm.corteva.ca

Lumiderm™
INSECTICIDE SEED TREATMENT

SERIOUS SEED PROTECTION

**Lumiderm has your
canola covered.**

Your canola
needs **flea beetle
AND cutworm**
protection.



** Trademark of Corteva Agriscience and its affiliated companies. © 2021 Corteva

SEED MANITOBA 2022 EDITION

CEREAL CROPS

OILSEED CROPS

PULSE CROPS

SPECIAL CROPS

FORAGE CROPS

ADDITIONAL RESOURCES

Published by the Manitoba Co-operator,
1666 Dublin Ave., Winnipeg, MB, R3H 0H1
For advertising rates and information:
Phone: 204-944-5765 Fax: 204-944-5562

Seed Manitoba is an annual publication of
Manitoba Agriculture and Resource Development
and the Manitoba Seed Growers' Association.

Correspondence may be addressed to:
Seed Manitoba
c/o Box 1149, Carman, MB R0G 0J0,
Phone: 204-745-5663

The information contained in this document
is subject to copyright. Except for the limited
permission granted below this information may
not be reproduced in whole or part by any means
including electronic, mechanical, photocopying,
recording or otherwise without the prior written
permission of the publisher. The publisher hereby
gives a limited permission for the reproduction
of the information produced by the MCVET
seed trials and set out in this publication only if
all information contained in this publication is
reproduced without omission and further provided
that such reproduction is not done by way of a
publication in any form which also includes paid
or other commercial advertising. In addition the
source must be clearly acknowledged.

The data in this listing includes all pedigreed seed
crops that have successfully received, or are in the
process of receiving, seed crop certification from
the Canadian Seed Growers' Association (CSGA)
in 2021. Fields that were declined pedigreed status
are not included in this listing. Data is provided for
information purposes only. CSGA is not liable for
omitted or incorrect seed listings, and you agree to
use the data at your own risk. You agree to fully
indemnify CSGA from all losses, damages, liability,
judgements, costs and expenses, which you or a
user of the CSGA data sustain by disseminating
or relying on such data. When purchasing seed,
CSGA strongly recommends asking for official
seed certification tags as your proof of CSGA
certification. A copy of the mechanical purity and
germination analysis test certificate should also be
made available to you.

Manitoba



Cover photo by Rejean Picard, Manitoba
Agriculture and Resource Development

Manitoba Co-OPERATOR

Supplement to the Manitoba Co-operator
November 25, 2021

Welcome to Seed Manitoba 2022 .. 6

Annual forages for greenfeed,
silage and/or fall grazing..... 8

Soil nitrate concerns for pulse and
soybean crops after the drought.. 11

Crop profitability in
extreme conditions 14

2021 Trial Locations Map..... 16

CEREAL CROPS 19

Barley 21

Malting Barley 26

Oats 28

Spring Wheat 30

Durum Wheat 36

Winter Wheat 38

Fall Rye 40

Distributor Contacts 41

Growers List – Barley 43

Oats 43

Fall Rye..... 45

Spelt..... 45

Spring Wheat 46

Winter Wheat 50

OILSEED CROPS 51

Canola 53

Flax 60

Soybeans 64

Sunflowers 78

Distributor Contacts 81

Growers List – Canola 83

Flax 83

Soybean 83

PULSE CROPS..... 87

Fababeans 88

Field Beans 89

Field Peas 92

Distributor Contacts 94

Growers List – Fababeans 95

Field Beans 95

Field Peas 95

Lupin 96

SPECIAL CROPS..... 97

Grain Corn 98

Industrial Hemp 102

Distributor Contacts 104

Growers List – Buckwheat 105

Industrial Hemp 105

FORAGE CROPS..... 107

Forage Adaptation Comparison

Guide 108

Silage Corn 110

Annual Forages 113

Forage Seed Contacts 114

Growers List – Alfalfa 115

Birdsfoot Trefoil 115

Sweet Clover 115

Timothy 115

Triticale 115

ADDITIONAL RESOURCES .. 117

ADVERTISER INDEX 130

BETTER TOGETHER

BETTER SEED GERMINATION.
BETTER TREATMENT COVERAGE.
BETTER RETURNS.

Leverage the power and gentle handling of AGI Batco belt conveyors and the specialized treating system of the STORM PRO to see a better return on your crop.

TO LEARN MORE, VISIT
aggrowth.com



Minister's Message



Manitoba Agriculture and Resource Development is pleased to collaborate with the Manitoba Seed Growers' Association and the Manitoba Co-operator to produce the 30th Anniversary publication of *Seed Manitoba*. *Seed Manitoba 2022* provides valuable information on varietal performance of cereals, oilseeds, pulses, and forage crops across all growing regions of Manitoba.

The guide is an important tool used by crop producers to help them make informed decisions leading up to spring seeding. The guide assists producers in making variety decisions on their farm by providing comparisons of variety characteristics, performance data, and information on where to find seed for a chosen variety.

Seed Manitoba 2022 is the result of a collaborative effort of producers, commodity groups, crop research contractors, the Manitoba Crop Variety Evaluation Team, and Manitoba Agriculture and Resource Development staff. I would like to offer my congratulations to the team who works so diligently each year to create this publication.

The 2021 growing season was challenging for many producers in Manitoba due to drought conditions. I would like to acknowledge and thank you for your hard work and dedication to the agriculture and agri-food industry.

I wish you success as you prepare for the 2022 growing season.

Honourable Ralph Eichler
Minister of Agriculture and Resource Development

President's Message



In its November 1991 newsletter to members, Manitoba Seed Growers' Association President Mr. Cam Henry from Oak River was proud to announce a new partnership with Manitoba Agriculture and the Manitoba Co-operator.

"For the first time ever, the 1992 Seed Grower Directory will include the Manitoba Department of Agriculture varietal recommendations for 1992. This publication is scheduled to be included in an insert in the December 6th, 1991 issue of the Manitoba Co-operator. We would appreciate your comments on this new concept – is it a good idea, bad idea, are there ways that it may be improved upon in the future?"

Well, it is safe to say, looking back over the last 30 years, that it was, in fact, a "good idea". The partnership between the three founding organizations has been maintained and has grown stronger over the three decades. The "good idea" has snowballed to include more crop types, more trial locations, and greater industry support.

On behalf of the board of directors of the MSGA, I would personally like to congratulate and thank the Manitoba Ag Industry for seeing the potential 30 years ago and endeavouring to make *Seed Manitoba* a vital resource for Manitoba farmers. The MSGA is proud to stand behind this publication and will continue to do so for many years to come.

Daniel Sanders
President,
Manitoba Seed Growers' Association

Thank you to MCVET Sponsors and Supporters in 2021

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

Manitoba Agriculture and Resource Development	Alliance Seed
Manitoba Beef Producers	CANTERRA SEEDS
Manitoba Co-operator	FP Genetics
Manitoba Seed Growers' Association	SeCan
Manitoba Crop Alliance	Seed Depot
Manitoba Pulse & Soybean Growers	SeedNet
	Syngenta

MCVET would also like to express its gratitude to:

South Interlake Crop Testing Committee (SICTC) and Crop Research Organization Portage (CROP) for locally organized variety trials

MCVET greatly appreciates the efforts of our contractors:

Agriculture and Agri-Food Canada	New Era Ag Technologies
Ag-Quest Inc.	Nutrien Ag Solutions
BASF	Parkland Crop Diversification Foundation
Canada-Manitoba Crop Diversification Centre	Prairies East Sustainable Agriculture Initiative
DL Seeds Inc.	SGS Canada Inc.
ICMS Inc.	Solum Valley Biosciences
Richardson International Kelburn Farm	University of Manitoba
Murphy et al. Inc.	Westman Agricultural Diversification Organization

WELCOME TO SEED MANITOBA 2022

By Anne Kirk

*Seed Manitoba editor,
Manitoba Agriculture and Resource Development*

Welcome to the 30th anniversary edition of *Seed Manitoba*! Since the first publication of *Seed Manitoba* in 1992, this Variety Selection and Growers Source Guide has been a valuable source of third-party variety performance information. While the crop types in *Seed Manitoba* have changed over the last 30 years, our dedication to quality information remains as strong as ever.

Thank you to everyone who has contributed to making *Seed Manitoba* a success over the years — the Manitoba Seed Growers' Association, the Manitoba Crop Variety Evaluation Team (MCVET), the Manitoba Co-operator, Manitoba Agriculture and Resource Development, site contractors, commodity groups that donate data and advertisers and sponsors for their support. *Seed Manitoba* is a collaborative effort between industry, government and producers, and would not be possible without the many people that contribute to its publication.

WHERE DOES THE DATA COME FROM?

Data is from replicated small plot trials grown in many locations throughout Manitoba and compiled over years. The main data collected is yield and protein, other agronomic information in the "Variety Description" tables is compiled from data submitted at the time the variety was registered. Some ratings in the "Variety Description" table, such as disease resistance, can change as commercial performance and reaction to disease races are better understood.

TESTING LOCATIONS AND SITE YEARS

Testing locations are chosen by MCVET to represent the production area of each crop type. Crops with wide adaptation such as barley, fall

rye, oat, spring and winter wheat are planted at all sites. Crops like flax, field peas and lentils are only planted at locations where they are typically grown. Other crops like canola, corn, dry beans, soybeans and sunflowers are co-ordinated through their crop commodity associations and planted where they deem appropriate.

HOW CAN SEED MANITOBA HELP WITH VARIETY SELECTION?

Seed Manitoba provides unbiased replicated data, giving producers, seed growers, and seed retailers more insight into variety performance throughout the province. Yield data is displayed by location to show local performance as well as summarized across locations and years. The online variety selection tool at www.seedmb.ca allows comparisons over multiple years and locations, which helps compare a new variety to your tried and true variety.

Any questions or concerns on *Seed Manitoba* can be directed to me at anne.kirk@gov.mb.ca ■



Hamiota cereals, 2021. PHOTO: ANNE KIRK, MANITOBA AGRICULTURE AND RESOURCE DEVELOPMENT

OUR SCIENCE IS **LINKED** TO YOUR SUCCESS

From diverse germplasm to intense disease screening — we've done the work. Our products perform because we've put in the time to develop and test them locally, on farms like yours. Our science is liNKed to your success.

Syngenta.ca/NK



syngenta.

For more information about NK Seeds, contact your retailer or your Syngenta Territory Sales Representative, call our Customer Interaction Centre at 1-87-SYNGENTA (1-877-964-3682), or follow us on Twitter @NKSeedsCanada.

Always read and follow label directions. NK®, NK® and Design, the Alliance Frame, the Purpose Icon and the Syngenta logo are trademarks of a Syngenta Group Company. ©2021 Syngenta.

ANNUAL FORAGES FOR GREENFEED, SILAGE AND/OR FALL GRAZING

Annuals shine in dry weather, producing more tonnes per inch of rain than perennials

By Shawn Cabak and Tim Clarke

*Provincial Livestock & Forage Specialists,
Manitoba Agriculture and Resource Development*

In 2021, agro-Manitoba was quite dry, with large areas receiving 52-76 per cent of normal precipitation and 96-121 per cent of normal heat units. This continues a hot, dry trend since 2017, which resulted in several years of scarce and expensive forage supplies. Livestock producers can better manage these hot, dry conditions by growing annual forage crops and improving their perennial forage management.

Annual crops are more efficient moisture users compared to their thirsty perennial forage cousins. Corn only needs three inches of water to produce one tonne of dry matter, compared to over six inches for alfalfa and timothy. Barley needs about four inches and oats just under five inches of rain per tonne of dry matter yield. This is why during the recent dry years, annual forage crops still yielded reasonably well but the perennial forage crops suffered.

Plants such as corn, millet and sorghum are warm-season crops that have the best heat tolerance and are the most moisture- and nitrogen-use efficient compared to annual cereals commonly grown for feed. Sorghum is particularly heat tolerant and can continue to grow in temperatures as high as 40°C; corn stops growing above 30°C.

When growing annual crops, earlier seeding almost always produces higher yields, whether grown for silage or grain. Corn is a very high-yielding crop that can be grown for silage or grazing but requires optimal fertility and weed control. Oats, barley or triticale can be grown for greenfeed, silage or swathed for grazing. A mix of winter and spring cereals can be used for grazing four to six weeks after seeding, or can be cut for greenfeed and the winter cereal will regrow and can be grazed later in the summer/fall. Adding cover crops or Italian ryegrass to the cereals will pro-



Sorghum-sudangrass at Canada-Manitoba Crop Diversification Centre (CMCDC) near Carberry, July 20.

PHOTO: TIM CLARKE

vide more forage for later summer or fall grazing.

Higher sugar levels and a lower buffering capacity (less calcium) make it easier to convert annual forage crops into well-fermented silage. Perennial forages can be ensiled but conditions have to be closer to ideal to make a high-quality feed.

HARVESTING ANNUAL FORAGES

Annual crops harvested on a timely basis make excellent-quality feed and may be harvested as a greenfeed, chopped silage or baled silage. Most annual cereals are harvested at the late milk to soft dough stage, while millet is harvested at early heading, and peas at first pods wrinkle. Advantages of harvesting feed as silage include: 1) lower nitrate levels by 30-50 per cent, 2) silage harvest is less weather dependent, and 3) less field and storage/weathering loss.

Harvesting cereals for greenfeed or silage at the optimal time will maximize quality and yield. Even crops that are severely moisture-stressed so that there is little grain fill in the heads will have a good feed value when cut on the green side.

In 2021, annual forage trials were conducted at the Crop Diversification Centres

near Arborg, Roblin, Melita and Carberry to compare the yield and quality of a number of annual crops grown for feed. We would like to thank the dedicated staff at each of those locations for carrying out this research work. As well we would like to thank our partners on the project the Manitoba Beef Producers, Manitoba Seed Growers Association and the Manitoba Crop Variety Evaluation Team (MCVET). You can find this year's results on page 113 of *Seed Manitoba*.

Optimal harvest stage for annual crops cut for greenfeed or silage

Crop	Proper harvest stage
Oats	Late milk
Barley	Soft dough
Spring or Fall Rye	Early dough
Triticale	Soft dough
Spring or Winter Wheat	Early dough
Foxtail Millet	Early heading
Peas	First pods wrinkle

HOW TO IMPROVE PERENNIAL FORAGE MANAGEMENT

Older, low-fertility hay stands have the least drought resistance and are the lowest-yielding during dry years. Optimal fertility produces higher yields and makes forages more moisture efficient, so fertilize forages properly. Renovating older forage stands will increase forage production. Forage insurance coverage provided by MASC is highest for forage stands that are four years or younger because they are higher yielding.

Always maximize the legumes in both the hay AND pasture forage mixes. Legumes fix free nitrogen which will reduce fertilizer cost as long as the legumes are inoculated with the proper rhizobia bacteria. Legumes in the sward will also increase protein in the feed. In mixed legume/grass stands the legume will supply the grass with about 50 per cent of its nitrogen needs. Rotational grazing can double pasture production compared to continuous grazing, simply by giving the plants a chance to rest and recover. Leave sufficient leaf material to allow photosynthesis and regrowth to occur.

FALL FORAGE RENOVATION

If there is sufficient green growth in the fall, spraying the old forage field before a frost with 1.5-2 litres of glyphosate per acre will result in good control of the

existing forage stand. This will allow the sod to rot over the fall/winter for easier cultivation or direct seeding next spring. If the field had 25-50 per cent alfalfa, plan to annually crop the field for at least one year before seeding back to alfalfa or an alfalfa/grass mixture. This is because alfalfa exudes a chemical into the soil which inhibits germination and vigour of alfalfa seedlings for about one growing season, so a break is required to allow the chemical to dissipate.

It's also beneficial to annually crop at least one year between perennial forages to allow for land improvements (such as picking stones, drainage or levelling), breaking any forage disease/insect cycles and allowing moisture rejuvenation of the field.

After spraying glyphosate in the fall, the stand can be hayed or grazed without any restrictions. Wait long enough (5-7 days) to allow proper translocation of the herbicide from the plant through to the roots for optimal herbicide efficacy.

Improved forage management through shorter alfalfa/grass rotations (3- to 6-year stands) and growing some warm and cool-season annuals in the rotation will go a long way to securing your feed supply and keeping your farm productive.

For more information contact Shawn Cabak at 204-239-3353, or Tim Clarke at 204-768-0534. ■

SeCan Our genes only come in blue.

When you purchase SeCan certified seed you're getting the promise and performance of SeCan genetics. And with certified seed, you're investing in the future of plant breeding and new varieties that contribute to your bottom line.

Make the comfortable choice.
Choose SeCan certified seed.



**For genes that fit your farm®,
visit secan.com**

Genes that fit your farm® is a registered trademark of SeCan.





SeCan

Canada's Seed Partner

Get it together.

Wheat and Beans



SeCan

Find *your*
perfect pair.

SeCan

AAC Starbuck VB
WHEAT

SeCan

Bourke R2X
SOYBEANS

Genes that fit *your* farm.
800-665-7333 secan.com



For local knowledge and experience, call a SeCan retailer and work together to strengthen your farm's bottom line with SeCan genetics.

Genes that fit your farm® is a registered trademark of SeCan.

SOIL NITRATE CONCERNS FOR PULSE AND SOYBEAN CROPS AFTER THE DROUGHT

High nitrate levels can be both an asset for high-N use crops and a nuisance for N-fixing crops

By Dennis Lange

*Provincial Pulse Specialist,
Manitoba Agriculture and Resource Development*

and John Heard

*Provincial Crop Nutrition Specialist,
Manitoba Agriculture and Resource Development*

The past year will go down in history as a very different one. Dry conditions throughout most of the province saw extremely low yields in cereals and canola on light sandy soils. Regions that received timely rains surprised growers with respectable yields. August saw some late-season rains after most of the cereals were harvested and then in September farmers had another surprise when soil test results started to come back with much higher nitrate levels on their cereal ground than what they have experienced in the past. In areas with low crop yields, soil nitrate levels have been ranging from 50 lbs. of residual nitrogen (N)/acre to as high as 150 lbs. N/acre. How do peas and soybeans handle the high N levels and what will the effect be on nodulation in these crops?

There are three main reasons for higher nitrate levels this year:

- Less crop uptake and removal
- Some crops were terminated early (and reseeded but did not germinate)
- Few losses to leaching and denitrification in dry conditions

SOYBEANS

High nitrate levels can be both an asset for high-N use crops and a nuisance for N-fixing crops. During the 2000s, when soybeans were introduced across Manitoba, high nitrate levels played havoc with good nodulation of first-time soybean fields. Based on field observations and a handful of studies, a loose rule of thumb was developed to avoid growing soybeans if nitrate levels exceeded 60-70 lbs. N/ac.



From past work done on peas and nodulation, a rule of thumb indicates that 50 lbs. of residual nitrogen is the most you would like to see when growing peas. PHOTO: DENNIS LANGE

As soybeans were grown more frequently and background soil levels of rhizobium built up, this rule became less and less relevant. Research funded by the Manitoba Pulse and Soybean Growers indicated that growers should target a minimum of 10 nodules per plant. A few field studies indicated that high N levels reduced nodule numbers on virgin fields below the 10 per plant target. On experienced fields, although high N levels reduced nodule numbers, the number of nodules usually exceeded the 10 per plant target (Figure 1 and 2). In the worst-case treatment of 100 lbs. N/ac. as urea, soil nitrate levels averaged 110 lbs. N/ac. or 70 lbs. more than the check. In this instance 4/5 "first time" soybeans, and 4/8 "experienced" soybeans had fewer than 10 nodules.

Soybeans do use and need some soil

nitrate to get established. We measured that some 50 lbs. N/ac is taken up by the vegetative plant in the spring prior to N fixation, which then produces the last 150-200 lbs. N/ac needed by the crop. The problem is when soil nitrate is high enough to inhibit nodulation, but insufficient to meet the whole yield potential of the crop.

FIELD PEAS

Field peas have a much longer history in Manitoba than soybeans, and the rhizobia bacteria are naturally found in the soil across Western Canada. From past work done on peas and nodulation, a rule of thumb indicates that 50 lbs. of residual N is the most you would like to see when growing peas.

More **NITRATE** on page 12 »

This year growers have been asking about planting peas on fields that are closer to 100 lbs. N/ac. In these cases, if growers choose to plant peas, it would be still a good practice to apply an on-seed liquid inoculant, and also a granular inoculant as an in-furrow application. The in-furrow granular formation would be available much later in the growing season.

A Saskatchewan study on lentils with high nitrogen levels (Bremer et al. 1988)

found that there was little impact on yield at the high N rate of 80 lbs./acre as long as inoculant was used. This could be used as a guideline for peas. Although not directly tested on peas, it would lead one to believe the results would be similar.

If N is higher than 100 lbs./ac. one would expect to see reduced nodulation, but the field peas would still grow and have respectable yields given good growing conditions. If N levels are well above 100 lbs./ac. the first choice would be to change to a crop that would benefit from high N levels, such as a cereal or canola. If

a grower decides to plant peas on a field with high residual N we suggest assessing nodulation at the 6-9th node stage or at R1 (flower bud) to capture peak nodulation. A full assessment guide can be found at: <https://www.manitobapulse.ca/2019/06/assessing-field-pea-nodulation/>. There are no rescue treatments if nodulation failure occurs but it would allow a producer to get a good handle on the level of nodulation.

If your soil test indicates high nitrogen levels and you are thinking about growing peas or soybeans, consider the following when making the decision:

- Consider a high N use crop like wheat, canola or corn. If drought led to high soil N levels, it probably also increased the risks of herbicide residues, and these need to be respected.
- Consider soybeans or peas if there has been a recent history of well-nodulated crops. Fields with a history of peas and soybeans are less likely to have nodulation failures when the same crop type is grown than fields without a history of these crops.
- Inoculate with liquid on seed as well as a granular/liquid sideband since it is available later in the season.
- Grow iron deficiency chlorosis- (IDC) tolerant soybean varieties. High nitrate levels are one of the risk factors besides salinity and free lime or calcium carbonate that leads to IDC in soybeans.
- If there is a volunteer crop, regrowth or cover crops, let them keep growing. These can decrease soil nitrate levels (in studies up to 50 lbs./ac) and they do not tend to provide all the N back to the following crop. Alas, they are also using up valuable water which is needed to recharge our soils for 2022 crops.
- Retest soils in the spring. Nitrate levels can decline if we have surplus fall and spring moisture resulting in leaching in sandy soils or denitrification in saturated soils.

REFERENCES:

Bremer, E., Rennie, R.J., and Rennie, D.A. 1988. Dinitrogen fixation of lentil, field pea and fababean under dryland conditions. *Can. J. Soil Sci.* 68: 553-562.

Heard, J., Lee, J., and Tone, R. 2013. Nitrogen and soybeans: Friends, foes or just wasted fertility? Available: https://umanitoba.ca/faculties/afs/agronomists_conf/media/2013_Heard_N_on_soybeans_friend_foe_or_waste_Dec_3_final.pdf ■

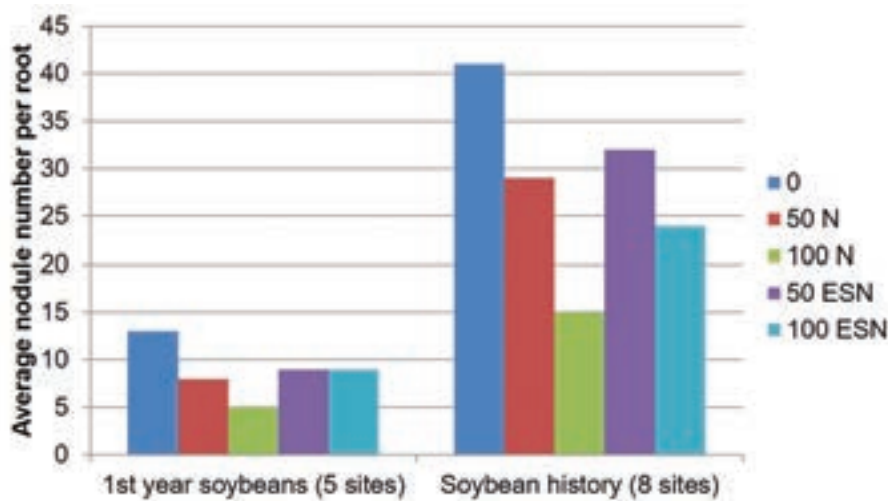


Figure 1. Effect of nitrogen on nodule numbers. Adapted from: Heard et al. 2013.

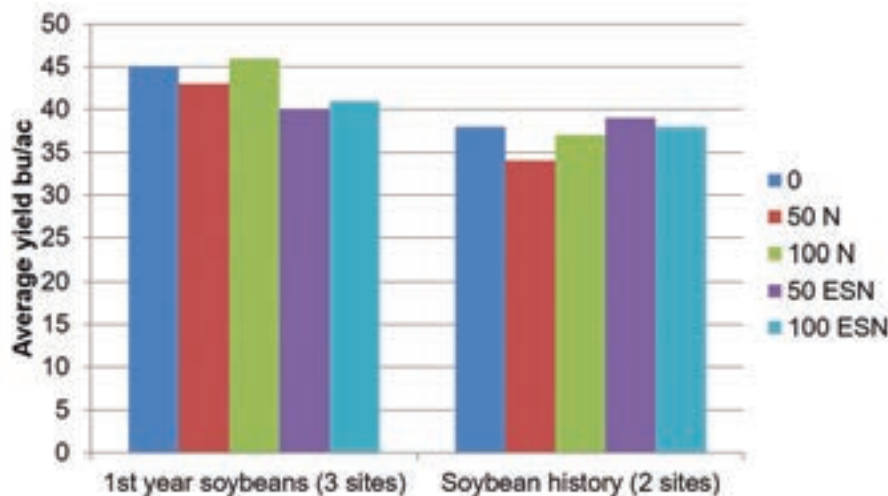


Figure 2. Effect of nitrogen on yield. Adapted from: Heard, et al. 2013.

A leader in customer satisfaction for a reason.



Customers who grew Brevant™ seeds last season ranked us as a leader in customer satisfaction*. Why? We work hard to bring you high-yielding canola hybrids with clubroot resistance, harvesting options, marketing opportunities with a premium, and help protect your investment with industry-leading Lumiderm™ insecticide seed treatment.

Together with your local retailer, we work hard to make your choice easy.

Visit your retailer to find the right canola hybrid for your farm or learn more at brevant.ca

Lumiderm™

INSECTICIDE SEED TREATMENT

*Based on third party research ranking Brevant seeds as a leader in customer satisfaction in 2020



BREVA™ / EASY CHOICE.
seeds

™ & ® Trademarks of Corteva Agriscience and its affiliated companies. © 2021 Corteva.

CROP PROFITABILITY IN EXTREME CONDITIONS

Manitoba Agriculture and Resource Development's guidelines for estimating costs of production can help you balance several considerations

By **Darren Bond and Roy Arnott**

*Provincial Farm Management Specialists,
Manitoba Agriculture and Resource Development*

Producers face some tough crop selection decisions in the wake of a 2021 drought, higher-than-average grain prices and rising input costs. Questions such as which crop will be the most profitable, which crop has the most downside risk, what crops fit best into a rotation, and how cropping decisions in 2022 will affect those in the future are all top of mind this planning season.

Additional concerns such as potential herbicide carryover from a dry 2021 season, higher-than-average remaining fertility levels on land that grew well-below-average crops and changes in tillage practices to conserve moisture are all questions that need to be considered when making cropping choices. Crops that were previously considered locks in the rotation are now being questioned, while the search for new crops to add to the rotation has taken on new importance.

Manitoba Agriculture and Resource Development's guidelines for estimating crop costs of production (Crop Production Costs (XLS 1.24 MB or PDF 3.39 MB) — search online for 'Manitoba Agriculture cost of production') is a great place to start for crop profitability and risk analysis. This guide provides an easy-to-use template to fully evaluate all costs with the ability to compare different crops. These comparisons take on increased importance with all the changes in the past 12 months to crop yields, crop prices and input costs. Cropping selections are not made in a vacuum, as many connected variables go into picking the best crops to grow in 2022.

Crop profitability is always top of mind for producers considering which crops to grow. Reasonably assessing yield, price and cost based on realistic scenarios is very important.



Soybean flower. PHOTO: DENNIS LANGE, MANITOBA AGRICULTURE AND RESOURCE DEVELOPMENT

YIELD

The drought of 2021 and the corresponding low yields broke up a string of relatively stable yields from previous growing seasons. To help estimate potential yields, look to AgriInsurance probable yields for your farm from Manitoba Agricultural Services Corporation (MASC). Consider your soil moisture levels heading into the 2022 growing season. Depending on the crop choice, drier-than-average soil conditions should prompt a reduction in projected yields used for planning purposes.

PRICE

While grain prices are high right now, there are variability and downside price risks in the commodity markets. Looking to new-crop rather than old-crop pricing provides a better view of potential prices for the 2022 crop.

COSTS

Finally, consider the costs that go into growing a crop, one of the things that producers have some control over. Fertilizer prices are nearly double compared to prices last season. With some areas seeing severe drought-reduced yields, accurately estimating remaining fertility levels with the current fertilizer prices will produce a great return on investment, so go soil test! Assessing crops that require less fertilizer, such as soybeans, peas and flax will be worth the time spent. Seed costs are increasing due to the price of grain being high. Other costs like fuel, labour, equipment and land always seem to take a steady march higher. It is very important this year to fully cost these items, as there has been such a change in crop production costs for the upcoming year as compared to previous years.

RISKS

Risk with cropping decisions this year will be very important to identify. Creating some 'what if' scenarios will bring clarity to risks with crop choices. With the effects of the 2021 drought in recent memory, what if crop yields are 40 per cent lower than projected? Lower-input crops such as oats and soybeans may see a smaller drop in profitability compared to higher-input crops like canola and wheat. However, in extreme environmental situations, rarely do all crops suffer the same yield loss as some perform better relative to others. In some regions in 2021, soybeans suffered less of a yield loss compared to canola due to rainfall timing and how each type of plant handles extreme heat. Wheat also fared relatively better than other cereals in areas of drought as it was able to find and use more moisture than oats or barley. No one knows what the weather will be like for 2022, but if we enter winter drier than average, determining what projections would look like in another drought scenario would be the prudent management decision.



Flax bolls. PHOTO: DANE FROESE, MANITOBA AGRICULTURE AND RESOURCE DEVELOPMENT

ROTATION

Considering the previous crop grown in determining a profitable crop rotation is important for success. Manitoba Agriculture and Resource Development and MASC have an informative table showing the yield response to a crop planted with a previous crop (https://www.masc.mb.ca/masc.nsf/mmpp_crop_rotations.html). For example, red spring wheat planted on oat stubble only provides a 93 per cent probable yield response compared to red spring wheat planted on soybean stubble providing a 108 per cent probable yield response. Choosing crops that create a positive yield response can have large benefits to the farm, as each year's gains have a positive compounding effect over time. Farms that find themselves in this position will be much more resistant to the negative effects of extreme environmental conditions.

The past few years have seen wheat, canola and soybeans make up nearly 80 per cent of the crops grown in Manitoba. These crops have historically been profitable and fit well into Manitoba's growing conditions. However, growing only three crops can create risk compared to growing a wider range of crops, essentially by not putting all of one's eggs into one basket.

On the other side, growing more crops in a rotation requires more production management knowledge and possibly a wider range of equipment. Adding new crops to a rotation will initially create risk, as there is a learning curve to growing a new crop, but over the long run, risk to the farm will be reduced as knowledge is gained in growing these crops.

Calculating profitability based on realistic numbers, identifying downside risk with potential crops to be grown on the farm and understanding the interconnectedness of rotation decisions will lead to long-term success. Bringing in new crops into the rotation at a sustainable pace and balancing the crops currently in the rotation will protect against future extreme environmental conditions. Failure to scrutinize these decisions on the farm under these conditions will put the farm at risk and limit the chances of success now and in the future. ■

The crops production calculator is just one of Manitoba Agriculture and Resource Development's 23 online crop-related spreadsheets, PDFs or videos — there are also 25 related to livestock production. The main web page can be found by searching online for 'Manitoba Agriculture and Resource Development cost of production'



Raxil[®] PRO

WHAT YOU'RE REALLY GROWING IS YOUR POTENTIAL

As a grower, you face many challenges throughout the growing season. Protecting your seed's potential from the start means your crops can emerge healthier and stronger. That's why more growers trust Raxil[®] PRO, the #1 selling cereal seed treatment brand ten years running¹. When your seeds emerge stronger, so do you.

• EMERGE STRONGER •

EmergeStronger.ca | 1 888-283-6847 | @Bayer4CropsCA

#AskBayerCrop

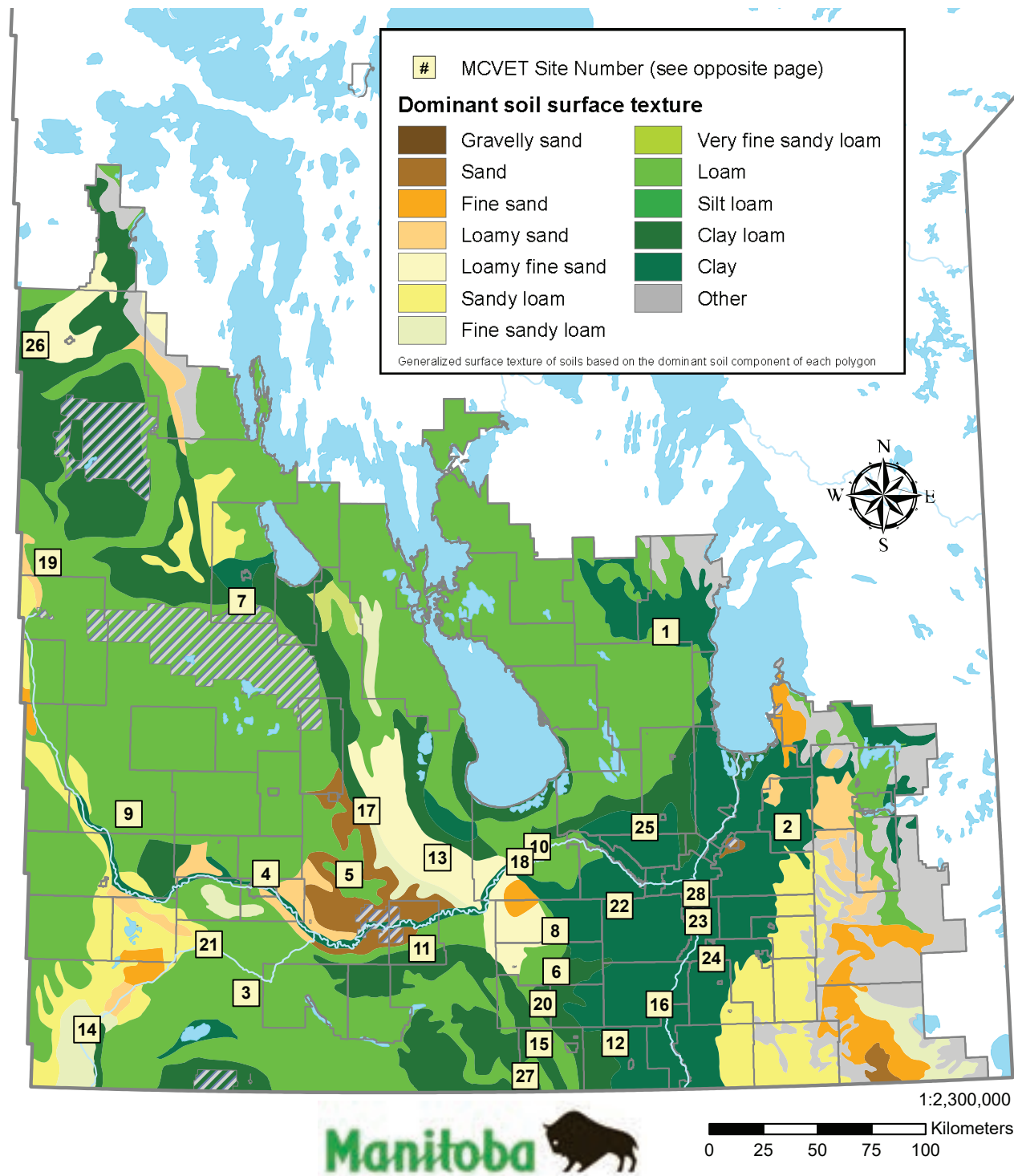
¹2020 BPI Report – Cereal Seed Treatments
Always read and follow label directions. Bayer, Bayer Cross, BayerValue[™] and Raxil[®] are trademarks of the Bayer Group. Bayer CropScience Inc. is a member of CropLife Canada.
© 2021 Bayer Group. All rights reserved.

600 AC. OF RAXIL PRO SAVES YOU 5%!

Maximize your savings on Raxil PRO, and everything else you need for a breakthrough season. See how the rewards add up at GrowerPrograms.ca



2021 LOCATIONS OF VARIETY EVALUATION TRIALS



Site Location	Contractor(s)	Soil Texture	Internal Soil Drainage	Precipitation ¹		Growing Degree Days ¹		Weather Station Used
				Actual (mm)	% of Normal	Actual	% of Normal	
1 Arborg	PESAI	clay	imperfect	221	68%	1769	121%	Arborg
2 Beausejour	PESAI	clay loam	imperfect	215	62%	1802	111%	Beausejour
3 Boissevain	Ag-Quest Inc.	loamy	imperfect	254	74%	1778	112%	Minto
4 Brandon	Agriculture & Agri-Food Canada	clay loam	well	336	106%	1760	115%	Brandon
5 Carberry	CMCDC	clay loam	well	243	77%	1774	116%	Carberry (EC)
6 Carman	University of Manitoba, Ag-Quest Inc.	loam	imperfect	247	75%	1912	114%	Carman
7 Dauphin	Ag-Quest Inc.	silty clay loam	imperfect	215	62%	1746	116%	Dauphin
8 Elm Creek	Ag-Quest Inc.	coarse loam	imperfect	224	68%	1935	116%	Elm Creek
9 Hamiota	Ag-Quest Inc.	clay loam	well	268	95%	1672	110%	Hamiota
10 High Bluff	BASF	loamy	imperfect	222	68%	1927	113%	Portage la Prairie
11 Holland	Ag-Quest Inc.	loamy	imperfect	279	80%	1819	109%	Holland
12 Horndean	Ag-Quest Inc.	clay	imperfect	299	90%	1958	110%	Altona
13 MacGregor	Ag-Quest Inc.	coarse loam	imperfect	222	68%	1927	113%	Portage la Prairie
14 Melita	WADO	loamy	imperfect	290	99%	1882	112%	Melita
15 Morden	DL Seeds Inc.	clay loam	well	206	62%	2018	113%	Morden
16 Morris	Ag-Quest Inc.	heavy clay	imperfect	225	69%	1895	112%	Morris
17 Neepawa	ICMS	clay loam	well	289	85%	1729	109%	Neepawa
18 Portage la Prairie	CROP/ICMS Ag-Quest Inc.	sandy loam	imperfect	222	68%	1927	113%	Portage la Prairie
19 Roblin	PCDF	loamy	well	249	73%	1629	113%	Roblin
20 Rosebank	Nutrien	loamy	imperfect	206	62%	2018	113%	Morden
21 Souris	Ag-Quest Inc.	loamy	imperfect	338	107%	1783	117%	Souris
22 Starbuck	Ag-Quest Inc.	clay	imperfect	210	60%	1866	113%	Starbuck
23 St. Adolphe	Richardson	heavy clay	imperfect	194	57%	1950	117%	St. Adolphe
24 St. Pierre	Ag-Quest Inc.	heavy clay	imperfect	231	73%	1931	118%	St. Pierre
25 Stonewall	Solum Valley Biosciences Inc.	clay loam	imperfect	176	53%	1884	115%	Stonewall
26 Swan River	New Era Ag Technologies	clay loam	imperfect	260	76%	1690	115%	Swan River
27 Thornhill	Ag-Quest Inc.	loamy	well	209	63%	1725	97%	Windy Gates
28 Winnipeg	University of Manitoba	silty clay	imperfect	241	70%	1920	115%	Winnipeg

¹ Weather data is reported from May 1 to October 1 and reflects the percentage of the normal accumulations as calculated using the 30 year long-term average.

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, MCA and MPSG 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 2022 can be directed to the individuals listed below:

For canola and hemp, contact Dane Froese at (204) 750-2840 or e-mail dane.froese@gov.mb.ca

For grain corn and sunflowers, contact Daryl Rex at (204) 745-6776 or e-mail daryl@mbcropalliance.ca

For soybean and dry bean, contact Dennis Lange at (204) 324-4383 or e-mail dennis.lange@gov.mb.ca

For all remaining crop types, contact Chami Amarasinghe at (204) 823-2584 or e-mail chami.amarasinghe@gov.mb.ca

TAKE THE STRESS OUT OF GROWING SOYBEANS.



AMIRANI R2

- ✓ **Exceptional yield performance**
- ✓ **Ultra-early maturity**
- ✓ **Peace of mind**

With features like unmatched yield for maturity, excellent spring vigor, tall plant height with high first-pods and an ultra-early, 000.5 RM maturity rating – you'll rest easy knowing you've planted the best.

brettyoung.ca/Amirani



BrettYoung[™]
DISTINCT BY DESIGN

Cereal Crops

Variety Description Key

The grey box at the bottom of each table displays the Grand Mean for both Yield (bu/acre) and Protein (%) and the corresponding LSD (Least Significant difference) value ($p < 0.05$). Varieties must differ by the LSD value ($p < 0.05$) to be considered significantly different from one another.

Except for the long term average yield and protein data, variety description information was obtained from the variety 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 MCVET plots harvested from 2001 to 2021, while protein is from 2005 to 2021. Data collection timelines depend on crop type; year range is different for different crop types. 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 and Sprouting 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 legislation that complies with UPOV 1978.

☞ Indicates a variety that is protected by, or has been applied for and is pending, Plant Breeder's Rights legislation that complies with UPOV 1991.

Key to 2021 Yield and Protein Tables

Yields derived over 2 or more growing seasons are the best indicator of variety performance. 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 ($p < 0.05$) to be considered significantly different from one another.

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



ALLIANCE SEED

**STRONG GENETICS.
VIGOROUS PRODUCTION.
DEPENDABLE GROWTH.**



ALLIANCE SEED
CDC ENDURE



ALLIANCE SEED
AAC LEROY VB



ALLIANCE SEED
AAC REDBERRY



ALLIANCE SEED
CDC PRECISION



ALLIANCE SEED
AB CATTLELAC



ALLIANCE SEED
SY TORACH

LEARN MORE

ALLIANCESEED.COM



Manitoba Agriculture Variety Guide

BARLEY

New for 2022

Variety	Type	Code	Breeder	Distributor	Seed Availability
AB Hague (2)Ⓢ	Food and Feed	TR18647	Field Crop Development Centre	FP Genetics	2023
AB Prime (2)Ⓢ	Food and Feed	TR18645	Field Crop Development Centre	SeedNet	2024
CDC Renegade (2)Ⓢ	Food and Feed	FB209	Crop Development Centre	SeCan	2025
Torbellino (2)	Malting	TR16929	Syngenta	FP Genetics	2023
RGT Planet (2)Ⓢ	Food and Feed	SC18-132RB	RAGT	SeCan	2023
Richer (6)Ⓢ	Food and Feed	OS13-12,20	Céréla	Seed Depot	—
Waterloo (6)	Food and Feed	OS13-16,21	Céréla	Seed Depot	—

Comments:

Malting barley varieties are classified into two groups. The '**Malting: Acceptance - Recommended**' group are varieties with recommended market acceptance as listed in the Canadian Malt Barley Technical Centre (CMBTC) publication "2022/23 Recommended Malting Barley Varieties" on page 26. The category of "Malting: Other" includes varieties not currently recommended by the CMBTC but markets may exist.

The two-row malting variety **CDC PlatinumStar**Ⓢ is available through a closed loop identity preserved program.

The hulless variety **CDC Clear**Ⓢ is a malting type.

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 Grain Commission's **Variety Designation Lists** (www.grainscanada.gc.ca) to determine the registration and grade eligibility status of varieties.



- ✓ Bankable Quality
- ✓ Excellent Yields
- ✓ Earliest Maturity
- ✓ Best ratings for Fusarium
- ✓ Shorter straw with good lodging rating



"The trusted high energy barley that gets your stock to market faster"

"We believe Conlon barley is still the variety you can depend on to consistently deliver low enough DON to feed hogs & it's your plumpest rolling barley!"

For best results choose Certified Seed."

Walter Smith

Avondale Seed Farm	204-877-3813	Walter Smith	204-825-2000	Rutherford Farms	204-467-5613
Boissevain Select Seeds	204-534-6846	HB Agri-Seed Ltd.	204-523-7464	R-Way Ag	866-398-9643
Catellier Seed Service	204-347-5588	James Farms	204-222-8785	Seine River Seed Farm	204-355-4495
Clearview Acres	204-748-2666	Jeffries Seed Service	204-827-2102	Sierens Seed Service	204-744-2883
Court Seeds	204-386-2354	Manness Seeds	204-736-2622	Swan Valley Seeds	204-734-2526
Durand Seeds	204-248-2268	MB Seeds	204-746-4652	Triple "S" Seed	204-546-2590
Ellis Farm Supplies	204-824-2290	Miller Agritec	204-267-2363	Westman Aerial Spray	204-763-8998
Ens Quality Seed	204-325-4658	Nickel Bros	204-773-6734	Wheat City Seeds	204-727-3337
Friesen Seeds	204-746-8325	Pitura Seed Service	204-736-2849	Wilson Seeds Ltd.	204-246-2119
Gagnon Seed Service	204-447-2118	Pugh Seeds	204-274-2179	Zeghers Seed Farm	204-526-2145
		Redsper Enterprises	204-328-5346		

BARLEY (continued)

Variety Descriptions

Category / Variety ¹								Resistance Level:										Fusarium ⁴ Head Blight
	Site		Yield bu/acre	Protein %	Maturity +/- 88 days	Height +/- 89 cm	Test Wt +/- 48.7 lb/bu	Awns ²	Lodging	Loose Smut	Surface	Root	Netted	Spotted	Spot Blotch	Stem ³ Rust		
	Years Tested										-borne Smut		Net Blotch	Net Blotch				
Malting: Acceptance - Recommended																		
AAC Connect (2)☼	41	106	12.5	0	-3	-0.5	R	G	S	R	MS	I	MR	MR	MR	MR	MR	
AAC Synergy (2)☼	55	112	12.3	0	-2	-0.4	R	G	S	I	I	MR	R	R	MR	I	I	
AC Metcalfe (2)	217	97	13.0	0	0	0	R	F	R	I	I	S	I	I	MR	I	I	
CDC Bow (2)☼	50	105	12.2	1	3	0.5	R	G	S	I	MS	S	MR	I	MR	MS	MS	
CDC Copeland (2)	51	97	12.5	0	5	-0.5	R	F	MS	I	I	I	I	S	MR	I	I	
CDC Fraser (2)☼	38	107	12.2	1	0	-0.7	R	G	R	MR	MS	MR	MR	R	MR	I	I	
Malting: Other																		
AAC Goldman (2)☼	56	106	12.6	1	3	-0.4	R	F	MS	I	S	I	R	I	I	I	MR	
AB Brewnet (2)☼	29	105	13.1	3	5	0	R	G	MS	MR	—	MS	I	I	MR	MR	MR	
Bentley (2)☼	41	103	12.5	0	5	-0.8	R	G	MS	MR	I	MS	R	I	MR	I	I	
CDC Churchill (2)☼	31	110	12.3	1	-5	-0.2	R	G	MS	MR	—	MR	MR	I	MR	MS	MS	
CDC Copper (2)☼	31	105	12.4	1	-5	-0.7	R	G	I	MR	MR	MR	MR	I	I	MS	MS	
CDC Kindersley (2)☼	34	103	12.7	-1	-3	0	R	G	S	R	I	MS	MR	I	MR	I	I	
CDC PlatinumStar (2)☼	18	99	12.2	0	3	-0.5	R	F	S	R	S	I	MR	S	I	MR	MR	
Celebration (6W)☼	35	104	13.6	-1	5	0	S	G	R	R	MS	S	MR	MR	I	MS	MS	
Lacey (6W)	41	104	—	1	5	-0.7	S	G	I	MR	MR	S	I	MR	MR	S	S	
LEGACY (6W)	36	105	—	-2	8	0	S	F	I	MR	MR	S	MR	MR	MR	MS	MS	
Lowe (2)☼	35	102	12.4	2	5	-0.4	R	G	R	R	—	I	MR	I	S	MR	MR	
Newdale (2)☼	61	108	12.7	0	-3	-0.5	R	F	S	MR	MR	I	MR	I	MR	I	I	
Sirish (2)☼	48	102	12.4	1	-13	-0.3	R	VG	S	R	—	MS	MS	MS	S	MS	MS	
Torbellino (2)	5	106	12.9	1	-11	-0.4	R	G	—	R	—	MS	MS	MS	MS	S	S	
Tradition (6W)	59	105	13.1	2	10	0.8	S	F	S	MR	MR	S	I	MR	MR	S	S	
Food and Feed																		
AB Advantage (6)☼	30	106	13.3	1	15	0	S	VG	MR	I	—	MS	I	I	I	I	S	
AB Cattelleac (6)☼	31	110	12.9	1	11	1.3	SS	VG	I	R	—	MS	MR	MR	I	S	S	
AB Hague (2)☼	18	105	12.3	1	4	0	—	G	—	R	—	I	I	I	MR	MR	MR	
AB Prime (2)☼	18	116	12.6	0	4	-0.4	—	G	—	R	—	MR	I	I	R	I	I	
AB Tofield (6)☼	29	109	12.2	1	5	1	S	VG	—	MR	—	MS	I	I	R	S	S	
AB Wrangler (2)☼	29	108	12.5	0	1	-0.2	R	F	MS	MR	—	I	I	MR	R	MR	MR	
AC Ranger (6F)	38	109	—	1	-8	0.1	S	G	MS	I	MR	I	MR	MR	MR	S	S	
Altorado☼	32	111	12.3	0	-5	0.7	R	G	MR	MR	MR	S	I	S	MR	I	I	
Amisk (6)☼	30	116	12.7	1	0	-2.3	SS	VG	S	MS	MS	I	MR	MR	MR	S	S	
Canmore (2)☼	33	109	12.5	1	0	0.7	R	G	R	R	I	MS	MR	I	MS	I	I	
CDC Austenson (2)☼	55	112	12.3	1	0	0.5	R	G	S	R	I	MS	R	MR	I	I	I	
CDC Coalition (2)☼	39	104	12.5	1	5	0.8	R	VG	R	MR	I	S	MR	I	MR	I	I	
CDC Cowboy (2F)☼	50	96	13.2	1	15	1.3	R	F	MS	MR	I	I	MR	I	MR	MR	MR	
CDC Maverick (2F)☼	29	96	13.5	1	10	5.4	S	F	S	R	I	I	MR	I	MR	MR	MR	
CDC Renegade (2F)☼	18	110	12.4	1	7	-0.3	S	F	I	MR	—	MS	MR	MS	MR	MR	MR	
Champion (2)☼	44	111	12.4	0	0	0.8	R	G	S	R	—	S	I	MS	I	I	I	
Claymore (2)☼	44	117	12.1	0	0	-0.2	R	G	S	R	I	S	I	MS	MR	MR	MR	
CONLON (2)☼	88	94	12.9	-1	-3	0.8	S	G	I	I	I	I	MR	S	MR	MR	MR	
Desperado (6F)☼	44	105	12.8	1	5	2.5	S	G	MS	R	MR	S	MR	MR	MR	S	S	
Oreana (2)☼	44	111	11.9	2	-13	0.2	R	G	S	R	I	S	MR	I	I	I	S	
Hulless																		
CDC Ascent (2)☼	35	90	13.9	2	-3	8	R	G	MR	MR	I	S	MR	I	I	MR	MR	
CDC Clear (2)☼	29	97	12.6	2	5	9	R	F	R	R	I	MS	R	I	MR	MR	MR	
Varieties being tested for adaptability in Western Canada ⁵																		
Esma (2)☼	19	112	12.2	1	-10	-0.4	—	G	—	—	—	—	—	—	—	—	—	
KWS Kellie (2)☼	18	105	12.0	1	-11	-1.5	—	P	—	—	—	—	—	—	—	—	—	
RGT Planet (2)☼	5	106	12.1	1	-10	-0.5	R	F	—	—	—	—	—	—	—	—	—	
Richer (6)☼	5	121	12.8	—	14	-2.1	R	VG	—	—	—	—	—	—	—	—	—	
Waterloo (6)	5	114	13.0	—	12	-2.1	R	G	—	—	—	—	—	—	—	—	—	
Varieties supported for registration by the PRCOB																		
Malting: Other																		
TR17255 (2)☼	5	106	12.6	0	-2	-0.3	—	F	S	MR	—	MR	I	I	MR	I	I	
TR17635 (2)	7	109	12.4	2	4	-0.6	—	F	I	R	—	MS	MS	I	I	MR	MR	
Food and Feed																		
SR17519 (6)	6	103	13.0	1	3	0.5	S	VG	—	R	—	MR	I	I	R	MS	MS	
SR18524 (6)	7	108	12.5	2	-4	0.3	S	G	—	R	—	MR	I	MR	MR	S	S	
TR16742 (2)	7	105	12.3	0	0	-0.5	—	G	MS	R	—	R	MR	MR	R	I	I	
TR18747 (2)	5	113	12.1	2	5	0.2	—	F	—	R	—	I	I	I	R	I	I	
TR18748 (2)	5	118	11.9	0	4	0.4	—	F	—	R	—	I	I	I	I	I	I	
TR18749 (2)	5	115	12.2	1	2	0.2	—	F	—	R	—	I	I	I	R	I	I	
TR19175 (2)	5	111	12.6	2	-3	0.1	R	G	S	R	—	MR	MS	I	I	I	I	
GRAND MEAN (bu/acre and %) 109 12.6																		
LSD (bu/acre and %) (0.05) 5 0.3																		

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

2 R = Rough, S = Smooth, SS = Semi-Smooth

3 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.

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

5 Varieties being tested for adaptability in Western Canada lack sufficient data to assign disease resistance ratings. Producers should exercise caution as resistance levels are unknown.

CONQUER THE FIELD WITH **CONVEY-ALL®**



CST-1550 COMMERCIAL SEED TENDER
6 COMPARTMENTS | 1550 CU. FT. | SIDE MOUNTED CONVEYOR



Remote controls



Available scale package



Manual hydraulic controls (backup)



Stainless lined compartments and conveyor



Revolutionize your planting this spring with Convey-All's industry leading CST-1550.

Powered by a 50 hp diesel engine, the CST-1550 is equipped with its own hydraulic system, taking your seeding process to new levels of efficiency. Save time with the advanced, unloading belt conveyor system that ensures gentle and efficient seed delivery directly into your air seeder.

The six compartment, stainless steel tank is designed to transport seed and fertilizer simultaneously without damage or cross-contamination. At an unload rate of 2 tons/min, you will reduce fill time significantly allowing you to unload a total of 1550 cubic feet in under 20 minutes.

DURABLE. FUNCTIONAL. **RELIABLE.** **CONVEY-ALL®**

(800) 665-7259 | tenders@convey-all.com | www.convey-all.com

BARLEY (continued)

Yield Comparisons

Variety	2021 Yield (bu/acre)									
	Arborg	Beausejour	Brandon	Hamiota	Neepawa	Roblin	Rosebank	Souris	St. Adolphe	Stonewall
Malting										
AAC Synergy (2)☼	72	85	91	138	97	56	135	116	94	43
AB Brewnet (2)☼	51	84	95	136	90	49	127	111	89	34
Torbellino (2)	71	—	—	141	—	—	—	120	95	—
Food and Feed										
AB Hague (2)☼	78	77	76	136	88	54	125	115	88	50
AB Prime (2)☼	85	89	90	136	101	74	135	121	101	54
AB Tofield (6)☼	67	91	75	142	90	55	140	119	89	41
AB Wrangler (2)☼	78	82	84	132	90	62	137	112	99	47
CDC Austenson (2)☼	77	80	88	136	92	60	131	120	94	48
CDC Renegade (2F)☼	82	97	93	142	96	65	132	128	106	55
Varieties being tested for adaptability in Western Canada										
CL009-004.017	85	—	—	135	—	—	—	115	93	—
Esma (2)☼	91	93	86	138	85	71	142	120	98	66
KWS Coralie (2)☼	88	95	85	144	86	67	131	134	88	59
KWS Kellie (2)☼	74	90	92	145	99	61	126	131	95	55
OS14-16.32	80	—	—	134	—	—	—	119	86	—
RGT Planet (2)☼	73	—	—	135	—	—	—	123	94	—
Richer (6)☼	91	—	—	148	—	—	—	141	106	—
Waterloo (6)	90	—	—	143	—	—	—	117	105	—
Varieties supported for registration by the PRCOB										
Malting										
TR17255 (2)☼	70	—	—	132	—	—	—	118	96	—
Food and Feed										
TR18747 (2)	80	—	—	136	—	—	—	130	102	—
TR18748 (2)	96	—	—	146	—	—	—	134	109	—
TR18749 (2)	84	—	—	142	—	—	—	130	115	—
TR19175 (2)	61	—	—	150	—	—	—	124	97	—
SITE GRAND MEAN (bu/acre)	78	88	87	139	92	61	133	123	97	50
CV %	4.4	11.1	4.4	3.8	7.4	9.4	3.6	3.3	8.8	5.7
LSD (bu/acre)	6	—	7	9	—	10	8	7	14	5
Sign Diff	Yes	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
Seeding Date	07-May	14-May	27-May	06-May	19-May	06-May	28-Apr	21-May	29-Apr	05-May
Harvest Date	18-Aug	16-Aug	30-Aug	26-Aug	26-Aug	08-Sep	03-Aug	17-Aug	03-Aug	14-Aug

Yield Comparisons — CMBTC Malting Barley Trial

Variety	2021 Yield (bu/acre)			
	Hamiota	Portage	Rosebank	Souris
AAC Connect (2)☼	120	172	96	130
AAC Synergy (2)☼	123	177	104	129
AB Brewnet (2)☼	123	159	92	130
AC Metcalfe	110	159	97	124
CDC Bow (2)☼	101	160	92	134
CDC Churchill (2)☼	126	178	101	147
CDC Copeland (2)	114	158	102	136
CDC Copper (2)☼	121	154	101	127
CDC Fraser (2)☼	111	156	99	137
TR17255 (2)☼	115	171	102	143
GRAND MEAN (bu/ac)	116	164	99	134
CV %	3.7	3.9	6.2	4.4
LSD (bu/acre)	7	11	—	10
Sig Diff	Yes	Yes	No	Yes
Seeding Date	06-May	15-May	28-Apr	21-May
Harvest Date	26-Aug	18-Aug	03-Aug	17-Aug

Protein Comparisons

Variety	2021 Protein (%)									
	Arborg	Beausejour	Brandon	Hamiota	Neepawa	Roblin	Rosebank	Souris	St. Adolphe	Stonewall
Malting										
AAC Synergy (2)☼	15.1	12.4	12.6	12.9	14.2	15.4	11.6	12.4	13.5	15.1
AB Brewnet (2)☼	17.2	12.4	12.2	13.3	16.1	15.6	12.5	13.0	15.7	17.3
Torbellino (2)	17.1	—	—	12.4	—	—	—	12.6	14.3	—
Food and Feed										
AB Hague (2)☼	14.6	13	12.5	12.4	14.7	14.7	12.2	11.5	13.9	15.4
AB Prime (2)☼	15.6	12.4	12.4	12.8	15.4	16.2	12.2	12.6	13.8	15.4
AB Tofield (6)☼	14.8	12.4	12.3	13.0	15.2	14.9	11.4	11.4	13.0	15.0
AB Wrangler (2)☼	15.3	12.1	12.0	12.4	15.7	14.8	12.5	12.8	14.0	16.0
CDC Austenson (2)☼	15.0	13	12.6	13.0	15.0	14.8	12.1	12.1	14.1	15.5
CDC Renegade (2F)☼	14.4	13.1	12.6	12.9	15.8	14.3	11.8	12.9	13.4	14.3
Varieties being tested for adaptability in Western Canada										
CL009-004.017	14.7	—	—	12.9	—	—	—	12.5	13.4	—
Esma (2)☼	14.8	11.6	12.4	14.4	15.2	15.5	11.3	11.5	13.6	13.8
KWS Coralie (2)☼	14.1	11.2	12.0	12.2	14.8	13.9	10.5	11.9	12.8	12.9
KWS Kellie (2)☼	15.4	11.4	12.2	12.4	14.7	15.3	11.2	11.5	12.8	15.1
OS14-16.32	15.6	—	—	14.1	—	—	—	13.2	14.3	—
RGT Planet (2)☼	15.2	—	—	12.4	—	—	—	11.3	13.6	—
Richer (6)☼	15.5	—	—	13.7	—	—	—	13.5	13.5	—
Waterloo (6)	15.7	—	—	13.8	—	—	—	14.0	14.1	—
Varieties supported for registration by the PRCOB										
Malting										
TR17255 (2)☼	15.4	—	—	13.5	—	—	—	12.6	14.0	—
Food and Feed										
TR18747 (2)	14.8	—	—	12.8	—	—	—	12.5	13.0	—
TR18748 (2)	14.5	—	—	12.0	—	—	—	11.9	13.4	—
TR18749 (2)	14.7	—	—	12.6	—	—	—	12.3	13.7	—
TR19175 (2)	15.4	—	—	12.9	—	—	—	12.5	14.2	—
SITE GRAND MEAN (%)	15.2	12.3	12.3	12.9	15.2	15.0	11.8	12.4	13.7	15.1



GROWING YOUR WORK OF ART

The visionary design of Proven® Seed shines through from every angle. Our leading-edge technology offers a whole new perspective on canola, cereals, corn, soybeans and forages. Whether you're looking for high yields and performance from every seed across all acres, or specific herbicide systems and disease management, we know there's a Proven Seed that fits your field.

Only available at Nutrien Ag Solutions® retail. Visit ProvenSeed.ca to learn more.



Proven® Seed is a registered trademark of Nutrien Ag Solutions (Canada) Inc. Nutrien Ag Solutions® and Design is a registered trademark of Nutrien Ag Solutions, Inc. 09/21-78275-1

Nutrien
Ag Solutions®

Proven
SEED

2022-2023 RECOMMENDED MALTING BARLEY VARIETIES



THE CANADIAN MALTING BARLEY TECHNICAL CENTRE (CMBTC) RECOMMENDED LIST provides producers with an indication of which malting barley varieties have the greatest potential for selection and marketing in western Canada. Each variety on the recommended list has been pilot scale tested at the CMBTC and all exhibit good malting and brewing characteristics. All varieties on the list are registered with the Canadian Food Inspection Agency (CFIA).

VARIETIES RECOMMENDED

VARIETY	TYPE	MARKET COMMENTS	SEED DISTRIBUTOR
CDC Copeland	2 Row	Established Demand	SeCan
AAC Synergy	2 Row	Established Demand	Syngenta/FP Genetics
AC Metcalfe	2 Row	Declining Demand	SeCan
AAC Connect	2 Row	Established Demand	CANTERRA SEEDS
CDC Fraser	2 Row	Growing Demand	SeCan
CDC Bow	2 Row	Growing Demand	SeCan

In addition to the varieties listed, there are also contracting opportunities for the following:

- › **Bentley, Celebration, CDC PlatinumStar, CDC GoldStar** (CANTERRA SEEDS)
- › **Legacy, Newdale, Tradition** (FP Genetics)
- › **Cerveza** (Mastin Seeds)

Varieties on the recommended list are ordered to reflect estimated quantities selected in the previous year.

VARIETIES IN DEVELOPMENT

These newly registered varieties are undergoing seed propagation and commercial market development. Contact the seed distributor for opportunities to trial these promising new varieties.

VARIETY	TYPE	SEED DISTRIBUTOR
CDC Churchill	2 Row	SeCan
CDC Copper	2 Row	FP Genetics
AB BrewNet	2 Row	SeedNet

THE CMBTC AND ITS MEMBERS RECOMMEND

Talk with your grain company representative, local elevator operators, malting companies, or the representative seed company about opportunities to grow and market malting barley.

Use certified seed to ensure varietal purity, reduce incidence of disease and increase the likelihood of selection for malt.

Explore opportunities to contract production of malting barley varieties in your area.

cmbtc.com



For inquiries please contact the CMBTC by email at cmbtc@cmbtc.com or call 204-984-4399



@canadianbarley



@MaltAcademy



**We are Farmers, we are your Neighbours,
and we are The Cereal Seed Experts.**

We've added top contenders for best new genetics to our trusted portfolio of varieties.

FP Genetics dedicates itself to providing superior seed genetics to Western Canadian farmers with an industry-leading portfolio of trusted varieties. **AAC Viewfield**, the **STAND-UP wheat** with the highest standability ratings and proven performance in dry conditions. **AAC Magnet**, an early maturing wheat with strong resistance to FHB, and **CDC Arborg oats**, the Complete Package for Farmers and Millers. To find your local Cereal Seed Expert or **Download our 2022 Seed Guide**, visit fpgenetics.ca



NEW in 2022 - AAC Russell VB | AAC Synergy | SY Sirish | CDC Reign | CDC Nimble

Coming Soon - AAC Hockley | AAC Hodge VB | SY Manness | SY Donald | CDC Silas | AB Hague | Torbellino

FP Genetics is a trademark of FP Genetics Inc. ©2021 FP Genetics. All rights reserved. 4837 09:19 CDC Reign, CDC Nimble & CDC Silas developed at the Crop Development Centre, University of Saskatchewan.

OATS

New for 2022

Variety	Code	Breeder	Distributor	Seed Availability
Alka	CFA1502	Confidential	Elite Seeds	—
Kalio	CFA1506	Lantmannen	CANTERRA SEEDS	—
ORe Level48	OT6021	Oat Advantage	Seed Depot	2023
ORe Level50	OT6016	Oat Advantage	Seed Depot	2023

Comments:

There have been recent changes within the crown rust pathogen populations in Manitoba that has seen virulence developed on a number of oat varieties. Varieties that contain the Pc91 gene, including **AAC Justice**, **CDC Morrison**, and **Souris**, have been redefined for crown rust resistance.

The variety **Summit**, which is postulated to carry different resistance genes, is also losing its resistance to virulent races in the Eastern Prairies; therefore, it has been redefined for crown rust resistance.

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.

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

The variety **AAC Kongsore** was selected for performance under organic growing conditions.

Variety Descriptions

Variety ¹	Site Years Tested	Yield bu/acre	Maturity +/- 96 days	Height +/- 84 cm	Test Wt +/- 39.3 lb/bu	Hull %	Hull Colour	Resistance to:				
								Lodging	Smut	Crown Rust	Stem ² Rust	BYD ³
AAC Douglas	25	158	-2	3	-1.0	25.9	White	G	R	MR	I	I
AAC Justice	37	154	0	5	0.5	22.8	White	G	R	I	I	I
AAC Kongsore	4	145	1	20	1.0	24.5	White/Yellow	G	R	MS	I	R
AC Morgan	36	142	-1	15	-1.0	25.2	White	G	I	S	S	MS
Alka	33	158	1	1	1.0	28.0	White	G	—	MR	—	MR
CDC Arborg	35	154	-2	19	0.2	20.5	White	VG	R	I	S	S
CDC Big Brown	42	142	-1	3	0	20.4	Tan	G	R	R	MS	MS
CDC Dancer	40	137	-3	13	0.5	19.6	White	G	R	I	I	MS
CDC Endure	33	159	-1	13	-1.1	20.9	White	VG	R	MR	S	I
CDC Haymaker (F)	37	125	2	25	-1.0	22.0	White	G	MR	S	S	—
CDC Morrison	13	133	-2	-3	-1.0	24.4	White	VG	R	MS	I	I
CDC Norseman	31	150	-3	5	-1.0	20.5	White	G	MS	MR	S	I
CDC Ruffian	39	150	0	0	-0.8	20.5	White	G	R	I	S	S
CDC Skye	25	142	-2	11	0.5	19.6	White	G	R	R	S	—
CS Camden	34	158	2	0	-1.5	21.1	White	VG	I	MS	S	S
Furlong	72	135	-1	20	0.5	20.3	Tan	G	R	S	I	MR
Jordan	52	145	2	8	-2.0	23.6	White	VG	R	I	I	MR
Leggett	144	142	0	0	0	23.0	White	G	R	R	I	MS
ORe3541M	35	138	-2	-2	0.6	23.3	White	VG	R	R	S	MS
ORe3542M	35	141	-1	-2	-1.1	24.4	White	VG	R	R	S	S
ORe Level48	5	145	-1	0	-0.5	21.6	White	G	R	MR	I	—
ORe Level50	5	144	0	1	-0.8	22.0	White	VG	R	R	S	MS
Pinnacle	50	152	3	10	-1.2	23.7	White	G	R	S	I	MS
Ronald	45	133	0	3	0	22.1	White	VG	R	S	I	MR
Souris	60	139	-4	0	0.5	20.9	White	G	R	MS	MR	MS
Stride	39	142	-2	13	0.6	23.7	White	VG	R	R	I	I
Summit	81	146	0	-3	0.5	20.8	White	G	R	I	I	I
Triactor	43	158	-1	8	-1.5	22.1	White	VG	I	MR	S	MS
Varieties being tested for adaptability in Western Canada⁴												
Kalio	5	151	-2	1	-0.8	21.5		VG	—	—	—	—
Varieties supported for registration by the PRCOB												
OT2129	5	154	-4	-3	-1.2	20.8	White	G	R	MS	I	R
GRAND MEAN (bu/acre)		145										
LSD (bu/acre) (0.05)		8										

1 The letter 'F' indicates a forage type.

2 All varieties are susceptible to new stem rust 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.

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

4 Varieties being tested for adaptability in Western Canada lack sufficient data to assign disease resistance ratings. Producers should exercise caution as resistance levels are unknown.

Yield Comparisons

Variety	2021 Yield (bu/acre)							
	Arborg	Beausejour	Brandon	Hamiota	Roblin	Souris	St. Adolphe	Stonewall
AAC Douglas	119	79	178	147	89	172	88	71
Alka	101	85	173	143	80	179	86	73
CDC Endure	117	75	183	138	80	172	81	77
CDC Skye	97	73	147	125	53	147	75	63
ORe Level48	103	—	—	136	—	155	56	—
ORe Level50	97	—	—	133	—	160	67	—
Summit	111	73	148	129	51	158	68	65
Varieties being tested for adaptability in Western Canada								
Kalio	108	—	—	134	—	165	92	—
Varieties supported for registration by the PRCOB								
OT2129	118	—	—	134	—	176	72	—
SITE GRAND MEAN (bu/acre)	108	77	166	136	71	165	76	70
CV %	6.2	7.4	8.8	4.1	9.7	4.7	10.5	3.6
LSD (bu/acre)	12	—	28	10	13	13	14	5
Sign Diff	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes
Seeding Date	07-May	14-May	18-May	06-May	04-May	08-May	29-Apr	05-May
Harvest Date	18-Aug	16-Aug	01-Sep	26-Aug	10-Sep	17-Aug	04-Aug	14-Aug

High Value Faller & Prosper wheat

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

Walt Smith - Seed Depot	(204) 825-2000	Jeffries Seed Service	(204) 827-2102
Beischer Family Seeds	(204) 564-2676	LD Seeds	(204) 324-5798
Bergen Seed Farm	(204) 736-2278	MB Seeds Ltd.	(204) 746-4652
Boissevain Select Seeds	(204) 534-6846	Miller Agritec	(204) 267-2363
Clearview Acres Ltd.	(204) 748-2666	Nickel Bros.	(204) 773-6734
Court Seeds	(204) 386-2354	Parent Bros. Inc.	(204) 737-3000
Dauphin Plains Seeds Ltd.	(204) 638-7800	Pitura Seed Service Ltd.	(204) 736-2849
Durand Seeds Inc.	(204) 248-2268	R-Way Ag Ltd.	(866) 398-9643
Ellis Farm Supplies Ltd.	(204) 824-2290	Red River Seeds Ltd.	(204) 746-4779
Ens Quality Seed	(204) 325-4658	Redsper Enterprises Ltd.	(204) 328-5346
Fisher Seeds	(204) 622-8800	RJP Seed Ltd.	(204) 745-3304
Foster Ag Services Inc.	(204) 364-2358	Rutherford Farms Ltd.	(204) 467-5613
Friesen Seeds Ltd.	(204) 746-8325	Seine River Seed Farm Ltd.	(204) 355-4495
Gerrard Family Seeds	(204) 365-0321	Triple "S" Seed Ltd.	(204) 546-2590
Hulme Agra Products Inc.	(204) 685-2627	Unger Seed Farm Ltd.	(204) 467-8630
J.S. Henry & Son Ltd.	(204) 566-2422	Wheat City Seeds Ltd.	(204) 727-3337
James Farms Ltd.	(204) 222-8785	Willodale Seeds	(204) 801-0659
Janzen Seeds	(204) 829-7749	Wilson Seeds Ltd.	(204) 246-2119
		Zeghers Seed Farm	(204) 526-2145

Our dealer network is your source for high quality seed.

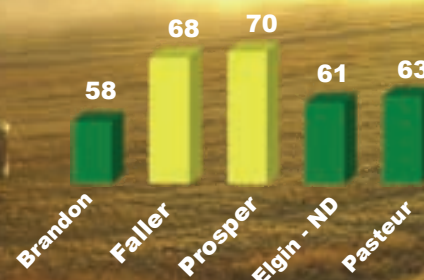
www.seeddepot.ca



2016 Seed MB Data

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

Yield MB 2016



Working Hard ...
to Earn Your Trust!

SPRING WHEAT

New for 2021

Variety	Class	Code	Breeder	Distributor	Seed Availability
AAC Hockley	CWRS	BW5044	AAFC - Swift Current	FP Genetics	2023
AAC Rimbey VB	CPSR	HY2095	AAFC - Swift Current	SeCan	2025
AAC Tomkins	CWHWS	HW402	AAFC - Swift Current	FP Genetics	2023
AAC Whitehead VB	CWHWS	HW506	AAFC - Lethbridge	FP Genetics	2023
CDC Pilar CLPLUS	CWRS	PT598	Crop Development Centre	Nutrien Ag Solutions Proven Seed	2022
CDC Silas	CWRS	BW5045	Crop Development Centre	FP Genetics	2023
CDC Succession CLPLUS VB	CWRS	BW5031	Crop Development Centre	Nutrien Ag Solutions Proven Seed	2022
Resolve	CWRS	BW5072	Limagrain Cereal Research Canada	Canterra Seeds	—
Shelly	CNHR	2015-9	University of Minnesota	Seed Depot	2022
SY Cast	CWRS	CS11200104-11	Syngenta	Nutrien Ag Solutions Proven Seed	2022
SY Crossite	CWRS	CS11200214-17	Syngenta	Didsbury Seeds	2022
SY Donald VB	CWRS	BW5055	Syngenta	FP Genetics	2024
SY Manness	CWRS	BW1093	Syngenta	FP Genetics	2024
SY Rorke	CPSR	HY2068	Syngenta	Nutrien Ag Solutions Proven Seed	2022

Comments:

Midge tolerant varieties are designated by the letters 'VB', which stands for Varietal Blend. The varieties contain the Sm1 gene for tolerance. To manage against the build-up of midge resistance to the gene, an interspersed refuge is used commercially. More information on midge tolerant wheat varieties and interspersed refuge can be found at www.midgetolerantwheat.ca.

The varieties **CDC Hughes VB**, **CDC Landmark VB** and **CDC Adamant VB** have partial solid stems, which can provide protection against the wheat stem sawfly.

The variety **AAC Tradition** was selected for performance under organic growing conditions.

Most varieties have been rated for their relative resistance to pre-harvest sprouting. Under wet post-maturity 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).

Producers are strongly encouraged to use the Canadian Grain Commission's **Variety Designation Lists** (www.grainscanada.gc.ca) that indicate the varieties belonging to each class of wheat in Canada.

It is also recommended for producers to use the Canadian Food Inspection Agency's **List of Registered Varieties** (www.inspection.gc.ca) to determine registration status of varieties.



Seed information is just a click away at seedmb.ca

Featuring an easy to navigate digital edition, plus

- Additional variety information will be uploaded in December/January
 - Soybean seed quality data – oil and protein
 - Sunflower seed quality data – oil and seed size
 - Detailed edible bean results
- Trial locations and plot plans updated mid July each year



MAXIMIZE YOUR FARM'S STORAGE & HANDLING

WITH **MERIDIAN MANUFACTURING**



Augers

augers@meridianmfg.com



Conveyors

conveyors@meridianmfg.com



Fuel Tanks

fuel tanks@meridianmfg.com



SmoothWall Bins

smoothwall@meridianmfg.com



Corrugated Bins

corrugated@meridianmfg.com



Stainless Tanks

stainless@meridianmfg.com

Visit us online at **meridianmfg.com**
to see our full line of storage & handling products.

© 2021 Meridian Manufacturing Inc. Registered Trademarks Used Under License. (12/2021)



www.meridianmfg.com | (800) 830-2467

SPRING WHEAT (continued)

Variety Descriptions

Class/Variety	Site Years Tested	Yield bu/acre	Protein %	Maturity +/- 99 days	Height +/- 81 cm	Spike Awned	Resistance Level:										Fusarium ²	
							Lodging	Sprouting	Loose Smut	Common Bunt	Leaf ¹ Spots	Stem Rust	Leaf Rust	Stripe Rust	Head Blight			
Canada Western Red Spring																		
5604HR CL☼	40	67	14.5	-1	10	Y	G	G	MS	I	MS	R	R	—	I			
AAC Alida VB☼	33	69	14.7	2	6	Y	VG	VG	R	I	MS	R	R	MR	MR			
AAC Brandon☼	85	71	14.4	2	0	Y	VG	P	MR	S	I	R	R	MR	MR			
AAC Broadacres VB☼	31	74	14.4	3	6	Y	VG	F	—	MR	—	R	R	MR	I			
AAC Cameron VB☼	34	75	13.9	1	13	Y	G	F	S	R	I	MR	MR	S	I			
AAC Connery☼	32	63	15.0	1	3	N	VG	G	MR	I	I	R	MR	R	MR			
AAC Elie☼	45	69	14.4	2	-3	Y	VG	F	I	I	I	R	R	MR	I			
AAC Hockley☼	17	71	14.4	2	-1	Y	VG	—	—	R	—	MR	R	R	MR			
AAC Hodge VB☼	17	76	14.1	2	8	Y	VG	G	MS	R	R	R	R	R	MR			
AAC Jatharia VB☼	33	74	14.4	1	13	Y	G	G	S	MS	I	I	R	I	I			
AAC LeRoy VB☼	33	73	14.4	0	7	Y	G	G	—	I	MS	MR	MR	MR	MR			
AAC Magnet☼	33	70	14.6	0	8	Y	G	G	—	S	MS	R	R	I	MR			
AAC Prevail VB☼	44	68	14.2	1	18	N	G	G	S	S	MS	MR	R	R	I			
AAC Redberry☼	45	70	14.4	0	8	Y	G	G	R	I	MS	R	R	R	I			
AAC Redstar☼	31	69	14.4	0	6	Y	VG	—	—	MR	—	R	MR	MR	MR			
AAC Russell VB☼	31	74	14.5	2	4	Y	VG	F	—	MR	—	MR	R	R	MR			
AAC Starbuck VB☼	34	74	14.6	1	1	Y	G	F	MR	S	S	I	MR	MR	MR			
AAC Tisdale☼	32	69	15.2	1	8	Y	G	F	MR	MR	MS	R	R	S	MR			
AAC Viewfield☼	52	72	14.4	3	-5	Y	VG	G	S	MR	I	R	MR	R	I			
AAC Warman VB☼	33	69	14.5	0	12	Y	G	F	MR	S	I	R	R	MS	MR			
AAC Wheatland VB☼	33	74	14.4	1	0	Y	VG	G	R	MR	S	R	R	I	I			
Bolles☼	31	69	15.7	—	-1	Y	VG	—	—	S	—	MR	R	MR	I			
Carberry☼	137	67	14.5	2	0	Y	VG	F	MR	R	MS	MR	R	MR	MR			
Cardale☼	30	68	14.6	2	3	Y	VG	G	I	MR	MS	R	R	S	MR			
CDC Adamant VB☼	32	69	14.5	0	8	Y	F	F	S	S	MS	R	I	MS	I			
CDC Bradwell☼	33	68	14.4	3	5	Y	VG	F	MR	R	MS	MR	R	MS	I			
CDC Go	14	65	14.3	-1	8	Y	G	P	MS	I	S	R	I	MR	MS			
CDC Hughes VB☼	33	69	14.6	1	3	Y	VG	VG	MR	MS	I	R	MR	I	I			
CDC Landmark VB☼	40	69	14.6	0	3	Y	VG	G	MR	MS	I	R	MS	MR	I			
CDC Ortona☼	31	67	14.5	-1	5	Y	VG	G	—	S	—	R	R	R	I			
CDC Pilar CLPLUS☼	31	68	14.3	1	-4	Y	VG	—	—	MR	—	MR	R	MS	I			
CDC Plentiful☼	42	66	14.6	-3	8	N	VG	P	R	I	I	R	R	MR	MR			
CDC Silas☼	17	74	14.4	2	2	Y	VG	—	—	MS	—	MR	R	I	I			
CDC SKRush☼	11	73	14.6	2	4	Y	VG	—	—	I	—	MR	R	MR	MR			
CDC Stanley☼	34	67	14.6	0	10	N	G	G	MR	S	I	R	MR	I	MS			
CDC Succession CLPLUS VB☼	31	69	14.5	2	2	Y	VG	—	—	S	—	MR	MR	I	MS			
CDC Titanium VB☼	32	66	15.0	2	13	Y	G	P	MS	I	MS	I	R	R	MR			
Daybreak☼	31	74	14.3	2	4	Y	VG	—	—	S	—	R	MR	MR	I			
Ellerslie☼	31	65	14.6	0	5	Y	VG	G	—	S	—	R	MR	R	I			
Glenn☼	171	68	14.5	2	8	Y	VG	F	I	I	I	R	R	MR	I			
Goodeve VB☼	53	68	14.8	-2	10	N	VG	G	MR	S	MS	MR	MR	I	S			
Jake☼	17	68	15.2	-2	8	Y	G	—	—	MR	—	R	MR	R	MS			
Parata☼	33	68	14.8	-2	13	Y	G	F	MR	S	I	R	MR	MR	I			
Rednet☼	31	71	14.7	3	16	Y	G	F	—	S	—	R	R	R	MR			
Resolve☼	17	74	14.0	3	8	Y	VG	—	—	MS	—	I	I	MS	MR			
SY Brawn VB☼	31	71	14.8	1	9	Y	VG	—	—	MR	—	MR	R	I	I			
SY Cast☼	12	72	14.5	3	-1	Y	VG	—	—	R	—	R	R	R	I			
SY Chert VB☼	26	69	14.2	-1	7	Y	G	F	R	R	MS	R	R	R	I			
SY Crossite☼	13	73	14.1	3	8	Y	VG	—	—	MS	—	R	R	R	MR			
SY Donald VB☼	17	75	14.2	0	8	Y	VG	—	—	MS	—	I	I	I	MR			
SY Gabbro☼	36	72	14.9	2	7	Y	VG	F	R	I	MS	MR	R	I	MR			
SY Manness☼	17	75	14.0	1	-5	Y	VG	—	—	S	—	R	R	I	I			
SY Natron☼	20	68	14.7	2	11	—	G	—	—	R	—	MR	R	S	I			
SY Obsidian☼	26	70	14.3	1	3	Y	VG	F	R	MS	I	MR	R	MR	MS			
SY Slate☼	32	70	15.0	1	10	Y	G	P	MS	S	MS	MR	R	MR	I			
SY Sovite☼	32	64	14.5	1	8	Y	G	F	R	MS	MR	MR	R	R	MR			
SY Torach☼	33	69	14.9	2	3	Y	VG	F	R	MS	MS	MR	R	MS	MR			
Tracker☼	31	67	14.8	-2	4	Y	G	G	—	S	—	R	R	R	I			
WR859 CL☼	42	69	14.5	0	5	Y	G	G	R	R	MS	MR	R	I	MR			

Class/Variety	Site Years Tested	Yield bu/acre	Protein %	Maturity +/- 99 days	Height +/- 81 cm	Spike Awned	Resistance Level:										Fusarium ²
							Lodging	Sprouting	Loose Smut	Common Bunt	Leaf ¹ Spots	Stem Rust	Leaf Rust	Stripe Rust	Head Blight		
Canada Prairie Spring Red																	
AAC Crossfield [Ⓢ]	34	76	13.6	2	0	Y	G	P	I	S	I	MR	R	R	R	I	
AAC Entice [Ⓢ]	35	74	13.6	2	1	Y	G	P	MS	S	MS	R	R	R	R	I	
AAC Foray VB [Ⓢ]	31	78	13.1	1	5	Y	VG	P	MS	I	MS	MR	R	I	I		
AAC Goodwin [Ⓢ]	33	75	14.1	2	0	Y	VG	G	MS	I	I	I	R	R	R	I	
AAC Penhold [Ⓢ]	44	75	13.9	1	-10	Y	VG	VG	I	R	I	MR	R	MR	MR		
AAC Rimbey VB [Ⓢ]	5	71	12.8	1	0	Y	G	—	—	I	—	R	R	R	R	I	
AAC Tenacious VB [Ⓢ]	45	65	13.2	1	20	Y	F	G	R	MR	MS	MR	R	R	R	R	
Accelerate [Ⓢ]	31	78	13.4	2	-2	Y	VG	—	—	S	—	R	R	R	R	I	
CDC Reign [Ⓢ]	17	74	14.2	3	2	Y	VG	—	—	S	—	MR	R	I	I		
CDC Terrain [Ⓢ]	33	71	13.4	0	10	Y	VG	G	MR	MR	I	MR	R	R	MS		
SY Rorke [Ⓢ]	30	75	12.9	3	2	Y	VG	—	—	MS	—	R	R	S	I		
SY Rowyn [Ⓢ]	34	75	13.6	1	-5	Y	VG	F	I	S	I	R	R	MR	MR		
Canada Northern Hard Red																	
5605HR CL [Ⓢ]	32	68	14.7	1	10	Y	VG	F	R	MR	MS	MS	R	MR	MR		
AAC Redwater [Ⓢ]	43	65	14.6	-2	8	Y	G	VG	MS	I	MS	R	R	MR	I		
AAC Tradition	33	67	14.3	4	5	Y	G	VG	MS	MR	I	R	MR	S	I		
AC Domain	1	69	14.8	-2	10	N	VG	VG	R	I	S	R	I	MR	MS		
Elgin ND [Ⓢ]	41	78	14.1	2	10	Y	G	F	—	S	I	I	R	MR	I		
Faller	49	83	12.9	1	3	Y	G	F	—	I	MS	I	MR	MS	I		
Muchmore [Ⓢ]	40	69	14.2	2	-3	Y	VG	G	MR	R	MS	R	R	MR	MS		
Prosper [Ⓢ]	46	83	13.0	1	3	Y	G	F	—	I	I	MR	MR	S	I		
Shelly [Ⓢ]	5	78	13.3	2	-5	Y	VG	—	—	MS	—	MR	R	MR	I		
Unity VB [Ⓢ]	53	72	14.2	0	13	Y	F	VG	MS	R	I	MR	R	MS	I		
Canada Western Special Purpose																	
AAC Awesome VB [Ⓢ]	33	89	11.5	4	10	Y	G	P	I	I	I	R	MR	R	I		
AAC Innova [Ⓢ]	42	79	11.7	4	5	Y	F	VP	S	S	I	MR	R	R	S		
AAC Proclaim	30	73	12.6	3	10	Y	F	G	MR	S	I	MR	R	MS	MR		
Alderion	33	78	12.0	9	-5	N	VG	F	—	MS	I	MR	R	MR	—		
CDC Throttle [Ⓢ]	19	82	12.6	2	5	Y	VG	P	MR	I	S	MR	MR	I	I		
Pasteur	39	79	12.9	7	5	N	VG	G	MS	S	I	MR	R	MR	I		
Sparrow VB	33	81	12.5	8	0	N	VG	G	—	I	I	MR	R	MR	—		
WPB Whistler [Ⓢ]	31	80	11.8	7	1	N	VG	—	—	I	—	R	R	R	I		
Canada Western Hard White Spring																	
AAC Cirrus [Ⓢ]	37	68	14.8	1	3	Y	VG	F	R	I	I	MR	R	R	I		
AAC Iceberg [Ⓢ]	42	63	13.9	0	3	Y	G	P	MS	MR	MS	R	R	I	I		
AAC Tomkins [Ⓢ]	5	70	14.5	0	2		G	—	—	MR	—	MR	R	MS	I		
AAC Whitefox [Ⓢ]	32	67	13.8	-2	8	N	G	F	MS	MS	MS	MR	MR	MS	I		
AAC Whitehead VB [Ⓢ]	5	75	14.1	1	1	Y	VG	—	—	R	—	R	R	MR	I		
Snowstar [Ⓢ]	28	69	13.5	-1	3	N	VG	G	MS	S	MS	R	MR	MS	MS		
Canada Western Soft White Spring																	
AAC Chiffon VB [Ⓢ]	44	84	11.5	4	10	Y	F	VP	S	S	—	S	I	MR	S		
AAC Indus VB [Ⓢ]	33	80	11.0	6	5	Y	VG	P	S	MS	MS	S	I	R	MS		
AAC Paramount VB [Ⓢ]	34	84	11.5	4	8	Y	VG	P	MR	S	—	I	I	R	MS		
Sadash VB [Ⓢ]	35	77	10.8	4	8	Y	VG	P	I	S	—	MR	I	R	S		
Canada Western Extra Strong																	
CDN Bison	38	71	13.8	1	8	Y	G	F	R	I	I	R	MR	—	I		
Glencross VB	41	68	14.1	0	20	N	G	F	R	I	MS	R	MR	MR	S		
Varieties supported for registration by the PRCWRT																	
LNR15-1741	17	75	13.2	1	-2	Y	VG	—	—	I	—	I	R	MR	I		
PT495	5	68	14.9	-2	13	Y	G	VG		MS		MR	R	R	I		
PT5003 [Ⓢ]	5	71	14.1	-1	2	Y	G	—	—	R	—	I	R	MR	I		
GRAND MEAN (bu/acre and %)		76	14.1														
LSD (bu/acre and %) (0.05)		4	0.4														

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 genetics, environment and heading date. Under high levels of disease pressure, all varieties will experience yield and/or quality loss.

SPRING WHEAT (continued)

Yield Comparisons

Class/Variety	2021 Yield (bu/acre)									
	Arborg	Beausejour	Brandon	Hamiota	Neepawa	Rosebank	Souris	St. Adolphe	Stonewall	Swan River
Canada Western Red Spring										
AAC Brandon [®]	65	58	74	89	69	67	88	69	52	74
AAC Broadacres VB [®]	65	54	74	89	63	66	86	68	48	75
AAC Hockley [®]	66	51	64	95	49	61	69	62	50	76
AAC Hodge VB [®]	65	51	72	96	56	66	81	68	52	76
AAC Redstar [®]	61	49	71	83	67	63	77	67	49	68
AAC Russell VB [®]	68	58	76	94	62	67	86	74	49	76
Bolles [®]	57	52	56	81	48	66	81	61	45	62
CDC Ortona [®]	54	46	59	79	45	54	67	59	42	74
CDC Pilar CLPLUS [®]	60	56	72	90	50	65	75	63	46	68
CDC Silas [®]	65	45	71	84	60	62	70	69	44	71
CDC SKRush [®]	69	53	64	87	65	61	78	63	51	75
CDC Succession CLPLUS VB [®]	60	49	72	87	62	64	74	67	43	68
Daybreak [®]	63	54	65	89	61	68	85	68	47	74
Ellerslie [®]	54	44	61	82	53	55	66	55	42	68
Jake [®]	53	45	66	77	56	53	72	66	45	69
Rednet [®]	56	54	71	85	54	64	79	65	49	61
Resolve [®]	68	59	55	95	60	69	84	67	51	71
SY Brawn VB [®]	62	57	54	84	56	61	82	63	52	70
SY Cast [®]	62	—	—	91	—	—	79	67	—	—
SY Donald VB [®]	59	53	82	94	60	67	82	68	50	71
SY Gabbro [®]	63	—	—	80	—	—	81	—	—	—
SY Manness [®]	66	43	66	89	60	61	79	65	52	75
Tracker [®]	51	48	58	75	49	53	68	60	42	74
Canada Prairie Spring Red										
AAC Rimbey VB [®]	66	—	—	87	—	—	70	62	—	—
Accelerate [®]	68	50	75	91	57	74	90	69	54	78
CDC Reign [®]	69	50	71	88	59	62	72	65	46	68
SY Rorke [®]	65	57	71	88	61	59	86	57	50	77
Canada Northern Hard Red										
Shelly [®]	64	—	—	99	—	—	78	70	—	—
Canada Western Special Purpose										
WPB Whistler [®]	55	56	81	97	58	70	85	71	48	86
Canada Western Hard White Spring										
AAC Cirrus [®]	50	49	62	83	60	56	70	57	44	65
AAC Tomkins [®]	65	—	—	83	—	—	75	63	—	—
AAC Whitehead VB [®]	67	—	—	90	—	—	77	62	—	—
Varieties being tested for adaptability in Western Canada										
LARR19-0046	67	—	—	107	—	—	85	68	—	—
Varieties supported for registration by the PRCWRT										
LNR15-1741	61	54	71	94	59	66	79	74	48	80
PT495	55	—	—	84	—	—	69	65	—	—
PT5003 [®]	61	—	—	85	—	—	77	63	—	—
SITE GRAND MEAN (bu/acre)	62	52	68	88	58	63	78	65	48	72
CV%	7.8	7.2	4.1	4.7	10.1	4.7	4.4	9.1	4.9	4.8
LSD (bu/acre)	8	6	5	7	12	5	6	10	4	6
Sign Diff	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Seeding Date	06-May	14-May	18-May	06-May	19-May	28-Apr	08-May	29-Apr	05-May	11-May
Harvest Date	17-Aug	16-Aug	08-Sep	26-Aug	26-Aug	04-Aug	17-Aug	18-Aug	14-Aug	31-Aug

Protein Comparisons

Class/Variety	2021 Protein (%)									
	Arborg	Beausejour	Brandon	Hamiota	Neepawa	Rosebank	Souris	St. Adolphe	Stonewall	Swan River
Canada Western Red Spring										
AAC Brandon®	15.1	14	16.5	14.3	17.5	15.2	14.6	14.7	14.9	16.5
AAC Broadacres VB®	15.3	13.5	15.7	14.1	17	14.9	13.4	14.9	14.6	16.4
AAC Hockley®	15.8	13.7	16.3	14	16.8	14.5	14.4	14.8	15.1	16.2
AAC Hodge VB®	14.6	12.8	15.5	13.5	16.8	14.3	14.1	14.7	14.3	16.5
AAC Redstar®	15.6	13	15.9	14	16.5	14.4	14.5	14.2	15.3	15.6
AAC Russell VB®	15	13.5	16.2	13.4	17.3	14.5	14.9	15.3	14.7	16.3
Bolles®	16.4	15	18.2	15.2	19	16.3	15.6	16	16.1	19.1
CDC Ortona®	15.1	13.3	16.3	14.1	16.2	15.1	14.3	14.4	15.5	15.8
CDC Pilar CLPLUS®	15	13.3	16.1	14	16.8	14.1	14.3	13.9	15.4	16.6
CDC Silas®	15.4	14.4	16	13.5	17.5	15.1	14.4	14.3	15.5	16.6
CDC SKRush®	15.3	13.8	17	14.1	17.6	15.1	15	14.1	14.9	16.2
CDC Succession CLPLUS VB®	15.5	14.1	16.1	14.1	17.3	14.8	14.3	14.5	15.6	16.3
Daybreak®	14.7	12.7	16.4	14	16.7	14.3	13.7	14.4	14.6	15.8
Ellerslie®	15.2	13.7	16.5	13.8	16.6	15.2	14.5	14.8	15.5	15.4
Jake®	15.4	14.2	17.1	14.7	17.2	15	15	14.5	15.6	17.8
Rednet®	16	14	16.9	14.2	17	15.8	14.5	15.1	15.2	17.5
Resolve®	15.4	12.6	16.4	13.5	16.6	14.8	13.4	13.9	14.4	16.1
SY Brawn VB®	15.4	13.6	16.5	14.5	17.1	15.6	14.9	14.4	15.3	17.1
SY Cast®	15.2	—	—	14.1	—	—	14.9	14.5	—	—
SY Donald VB®	14.7	12.9	16.1	13.5	17	14.8	14.5	14.9	14.7	16.5
SY Gabbro®	15.4	—	—	14.4	—	—	14.7	—	—	—
SY Manness®	14.9	13.1	16.4	13.6	15.8	14.8	13.7	14.1	14.6	16.7
Tracker®	15.5	14.1	16.9	14.1	16.2	15.5	14.5	14.8	15.9	16
Canada Prairie Spring Red										
AAC Rimbey VB®	13.4	—	—	12.2	—	—	12.8	12.8	—	—
Accelerate®	14	12.7	15.1	12.8	16.4	13.5	13	13.2	13.6	15.2
CDC Reign®	14.3	13.6	15.7	14	16.9	15.4	14.4	14.3	15.1	16.8
SY Rorke®	13.3	11.6	14.7	12.6	14.8	13.2	12.6	13.8	13.1	14.3
Canada Northern Hard Red										
Shelly®	14	—	—	13.1	—	—	13	13.6	—	—
Canada Western Special Purpose										
WPB Whistler®	13	11.9	12.5	11.9	13.7	12.7	11.8	11.8	13	13
Canada Western Hard White Spring										
AAC Cirrus®	15.8	14.4	17.7	14.3	17.3	15.6	14.4	14.3	15.3	17
AAC Tomkins®	14.7	—	—	14.2	—	—	14.4	14.4	—	—
AAC Whitehead VB®	14.6	—	—	13.5	—	—	13.7	14.2	—	—
Varieties being tested for adaptability in Western Canada										
LARR19-0046	13.6	—	—	12.5	—	—	13.5	13.9	—	—
Varieties supported for registration by the PRCWRT										
LNR15-1741	13.8	12.2	14.7	12.9	16	13.5	13.2	12.9	14.4	14.3
PT495	16.5	—	—	13.8	—	—	14.4	15	—	—
PT5003®	14.3	—	—	13.9	—	—	14.1	14.2	—	—
SITE GRAND MEAN (%)	14.9	13.4	16.1	13.7	16.7	14.7	14.1	14.3	14.9	16.2

DURUM WHEAT

Comments:

Durum wheat was last tested in 2018.

The varieties **AAC Raymore**, **AAC Stronghold**, **CDC Fortitude** and **AAC Cabri** have solid stems with resistance to the wheat stem sawfly. Midge tolerant varieties are designated by the letters 'VB', which stands for Varietal Blend. The varieties contain the Sm1 gene for tolerance. To manage against the build-up of midge resistance to the gene, an interspersed refuge is used commercially. More information on midge tolerant wheat varieties and interspersed refuge can be found at www.midgetolerantwheat.ca

Variety Descriptions

Variety	Resistance Level:														
	Site	Yield bu/acre	Protein %	Maturity +/- 101 days	Height +/- 89 cm	Spike Awned	Fusarium								
	Years Tested						Lodging	Sprouting	Loose Smut	Common Bunt	Leaf ¹ Spots	Stem Rust	Leaf Rust	Stripe Rust	Head Blight
AAC Cabri🌾	9	65	14.1	1	3	Y	G	F	MR	R	I	MR	R	R	MS
AAC Congress🌾	3	66	14.0	0	3	Y	G	F	MR	R	MS	MR	R	R	MS
AAC Current🌾	14	59	14.4	1	4	Y	G	P	MS	MR	I	R	R	MR	MS
AAC Durafield	8	68	14.2	0	0	Y	G	F	S	R	I	R	R	MR	S
AAC Grainland 🌾	26	62	14.1	1	1	Y	G	—	R	R	MS	MR	R	R	MS
AAC Marchwell VB🌾	14	63	14.4	0	0	Y	G	P	MR	R	MS	R	R	R	MS
AAC Raymore🌾	14	62	14.4	0	0	Y	G	F	MS	MR	I	R	R	MR	S
AAC Spitfire🌾	11	65	14.3	0	-2	Y	VG	F	MS	R	MS	R	R	R	S
AAC Stronghold🌾	4	64	14.0	1	-2	Y	VG	G	R	I	I	R	R	MR	MS
AAC Succeed VB🌾	4	67	14.2	-1	1	Y	G	—	R	R	MS	MR	R	I	MS
Brigade🌾	29	72	13.3	2	6	Y	G	F	S	R	I	R	R	MR	MS
CDC Alloy🌾	9	67	13.8	0	4	Y	G	F	I	R	MS	MR	R	R	MS
CDC Carbide VB🌾	11	64	14.3	0	1	Y	G	P	MS	R	MS	R	R	R	MS
CDC Credence🌾	2	67	13.9	1	6	Y	G	F	MR	R	I	MR	R	MR	MS
CDC Desire	6	59	14.1	-2	0	Y	G	G	MS	R	I	R	R	MR	S
CDC Dynamic🌾	9	66	14.4	0	2	Y	G	F	I	R	I	MR	R	MR	MS
CDC Fortitude🌾	14	66	14.2	1	-1	Y	VG	F	MS	R	MS	MR	R	R	MS
CDC Precision🌾	9	68	13.8	0	4	Y	G	F	MS	R	MS	MR	R	R	MS
CDC Verona🌾	21	64	14.1	2	1	Y	G	F	MS	R	MS	R	R	R	MS
CDC Vivid	14	60	14.3	0	0	Y	VG	F	I	R	I	R	R	MR	S
Enterprise🌾	2	66	14.1	0	2	Y	F	G	MS	MR	I	R	R	R	MS
Eurostar	2	68	13.9	2	4	Y	F	F	S	R	I	R	R	R	MS
Strongfield🌾	12	65	14.4	0	0	Y	G	F	S	MR	I	R	R	MR	S
Transcend🌾	23	67	14.0	2	5	Y	G	G	S	R	I	R	R	R	MS
GRAND MEAN (bu/acre and %)		65	13.9												
LSD (bu/acre and %) (0.05)		4	0.5												

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



Canada's
**Wheat
King**

AAC Brandon



Proud supporter of



Developed by Agriculture & Agri-Food Canada, Swift Current.
Genes that fit *your farm*® is a registered trademark of SeCan.

SeCan

Canada's Seed Partner

Genes that fit *your farm*.®
800-665-7333 secan.com

WINTER WHEAT

New for 2021

Variety	Class	Code	Breeder	Distributor	Seed Availability
AAC Vortex☼	CWRW	W583	AAFC - Lethbridge	Alliance Seed	2024

Comments:

AAC Icefield☼ is a hard white winter wheat with registration in the Canada Western Experimental class.

Broadview☼, **CDC Falcon** and **Peregrine** are hard red kernel types.

AAC Elevate☼ has resistance to wheat curl mite, the vector that transmits wheat streak mosaic virus. To preserve the effectiveness of the tolerance gene, agronomic practices eliminating the 'green bridge' of plant material that serves as a reservoir for mites should be followed whenever possible.

Variety Descriptions

Class/Variety	Site Years Tested	Yield bu/acre	Protein %	Height +/- 75 cm	Spike Awned	Relative ¹ Maturity	Relative ² Winter Hardiness	Resistance Level:					Fusarium ³ Head Blight
								Lodging	Common Bunt	Stem Rust	Leaf Rust	Stripe Rust	
Canada Western Red Winter													
AAC Elevate☼	39	82	11.6	8	Y	M	G	VG	MR	MR	I	MS	I
AAC Gateway☼	35	82	12.2	2	Y	M	F	VG	S	MR	I	MR	I
AAC Goldrush☼	34	82	12.0	10	Y	M	VG	G	S	MR	R	I	I
AAC Network☼	13	80	11.8	4	Y	L	G	VG	MR	R	MR	R	I
AAC Vortex☼	6	85	12.0	9	Y	M	VG	VG	S	R	R	R	MR
AAC Wildfire☼	28	88	11.6	10	Y	L	VG	G	MR	S	I	R	MR
CDC Buteo	86	80	11.6	16	Y	M	VG	F	S	I	I	S	MR
CDC Chase	30	86	11.7	19	Y	M	F	F	S	R	R	MR	MS
Emerson☼	55	82	12.5	11	Y	M	G	VG	S	R	I	MR	R
Flourish	35	83	11.9	5	Y	E	F	VG	MR	I	I	I	S
McClintock	59	78	11.8	19	Y	L	F	VG	S	R	MR	—	S
Moats☼	35	83	11.9	16	Y	E	G	F	MS	R	R	MR	S
Canada Western Special Purpose													
Broadview☼	38	83	11.3	6	Y	E	G	G	S	R	R	S	S
CDC Falcon	103	79	11.7	0	Y	E	F	VG	S	MR	MR	S	S
Peregrine	36	85	11.2	22	Y	M	VG	F	S	I	MR	MR	I
Canada Western Experimental													
AAC Icefield☼	34	83	11.2	5	Y	M	F	VG	S	R	MR	MR	I
Varieties supported for registration by the PRCWRT													
W522	27	87	11.4	0	Y	E	F	G	S	R	R	I	I
GRAND MEAN (bu/acre and %)		81	11.9										
LSD (bu/acre and %) (0.05)		3	0.3										

1 Maturity ratings: E = Early, M = Medium and L = Late. 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 All registered varieties have adequate winter hardiness if seeded at the optimum date into standing stubble where good snow cover can be assured.

3 FHB infection is highly influenced by genetics, environment and heading date. Under high levels of disease pressure, all varieties will experience yield and/or quality loss.

Yield Comparisons

Class/Variety	2021 Yield (bu/acre)					
	Arborg	Beausejour	Boissevain	Carberry	Stonewall	Winnipeg
Canada Western Red Winter						
AAC Goldrush®	61	112	68	79	62	85
AAC Network®	53	109	76	76	58	83
AAC Vortex®	64	113	70	93	60	86
Emerson®	54	101	68	74	61	85
Canada Western Experimental						
AAC Icefield®	57	103	66	85	58	72
Varieties supported for registration by the PRCWRT						
W522	69	116	79	82	56	92
SITE GRAND MEAN (bu/acre)	60	109	71	81	59	84
CV%	8.1	1.6	3.3	6.9	4.4	2.8
LSD (bu/acre)	9	3	4	11	—	4
Sig Diff	yes	yes	yes	yes	no	yes
Seeding Date	10-Sep	14-Sep	15-Sep	11-Sep	23-Sep	12-Sep
Harvest Date	03-Aug	13-Aug	16-Aug	12-Aug	13-Aug	Jul 29

Protein Comparisons

Class/Variety	2021 Protein (%)					
	Arborg	Beausejour	Boissevain	Carberry	Stonewall	Winnipeg
Canada Western Red Winter						
AAC Goldrush®	13.3	12.7	13.6	13.4	14.0	13.2
AAC Network®	13.3	12.2	13.2	13.3	13.9	12.8
AAC Vortex®	13.0	12.2	13.2	13.3	14.0	13.9
Emerson®	13.1	12.9	12.3	13.8	13.7	13.8
Canada Western Experimental						
AAC Icefield®	12.7	11.3	13.9	12.0	13.0	12.6
Varieties supported for registration by the PRCWRT						
W522	13.0	11.8	12.9	12.6	13.9	12.3
SITE GRAND MEAN (%)	13.1	12.2	13.2	13.1	13.8	13.1

FALL RYE

New for 2021

Variety	Class	Code	Breeder	Distributor	Seed Availability
KWS Serafino [®]	Hybrid	RT239	KWS Lochow GMBH	SeedNet	2021

Comments:

Hybrid fall rye varieties have improved falling number. Typically, a falling number of 180 seconds or greater is preferred by the rye milling market. Falling number can be heavily influenced by moisture around harvest time.

Variety Descriptions

Variety	Site Years Tested	Yield bu/acre	Height +/- 104 cm	Relative ¹ Maturity	Falling Number (Seconds)	Resistance Level:		Relative Winter Hardiness
						Lodging	Ergot	
Danko	29	90	—	—	—	—	—	F
Hazlet	71	96	3	0	152	G	MS	VG
Prima	25	90	13	-3	204	F	MS	VG
Hybrid Fall Rye								
Brasetto	36	110	-7	0	248	VG	MS	VG
Guttino	38	114	-9	0	292	VG	MS	VG
KWS Bono	43	110	-8	0	265	VG	MS	VG
KWS Daniello	26	110	-7	-1	272	G	MS	VG
KWS Gatano [®]	20	113	-7	0	268	G	MS	VG
KWS Serafino [®]	6	118	-5	-1	281	G	MS	VG
KWS Trebiano [®]	13	115	-3	0	284	VG	MS	VG
GRAND MEAN (bu/acre)		102						
LSD (bu/acre) (0.05)		4						

1 Maturity ratings: Hazlet reaches maturity in approximately 219 days.

2 All varieties are susceptible to ergot. Current testing does not suitably differentiate varietal differences from other factors such as weather, crop development stage, inoculum load, and management.

Yield Comparisons

Type/Variety	2021 Yield (bu/acre)					
	Arborg	Beausejour	Boissevain	Carberry	Stonewall	Winnipeg
Hazlet	60	108	68	87	66	80
Hybrid Fall Rye						
Brasetto	64	102	71	91	64	84
KWS Bono	60	114	79	87	70	78
KWS Daniello	68	116	61	94	69	89
KWS Serafino [®]	74	128	87	99	74	99
KWS Trebiano [®]	74	120	77	99	77	95
SITE GRAND MEAN (bu/acre)	66	115	74	93	70	88
CV%	4.0	3.9	8.7	4.6	6.0	7.5
LSD (bu/acre)	5	8	12	8	8	10
Sign Diff	yes	yes	yes	yes	yes	yes
Seeding Date	10-Sep	14-Sep	15-Sep	11-Sep	23-Sep	12-Sep
Harvest Date	03-Aug	13-Aug	16-Aug	12-Aug	13-Aug	07-Aug

Distributor Contacts for Listed Varieties in Seed Manitoba 2022

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

Malting Acceptance - Recommended

AAC Connect (2)🍷	CANTERRA SEEDS
AAC Synergy (2)🍷	Syngenta Canada Inc.
AC Metcalfe (2)🍷	SeCan
CDC Bow (2)🍷	SeCan
CDC Copeland (2)🍷	SeCan
CDC Fraser (2)🍷	SeCan

Malting: Other

AAC Goldman (2)🍷	Sollio
AB Brewnet (2)🍷	SeCan
Bentley (2)🍷	CANTERRA SEEDS
CDC Churchill (2)🍷	SeCan
CDC Copper (2)🍷	FP Genetics
CDC Kindersley (2)🍷	SeCan
CDC PlatinumStar (2)🍷	CANTERRA SEEDS
Celebration (6W)🍷	CANTERRA SEEDS
Lacey (6W)	Alliance Seed
LEGACY (6W)	FP Genetics
Lowe (2)🍷	SeCan
Newdale (2)🍷	FP Genetics
Sirish🍷	Syngenta Canada Inc.
Torbellino (2)	FP Genetics
Tradition (6W)🍷	FP Genetics

Food and Feed

AB Advantage (6)🍷	SeCan
AB Catlelac (6)🍷	Alliance Seed
AB Hague (2)🍷	FP Genetics
AB Prime (2)🍷	SeedNet
AB Tofield (6)🍷	SeCan
AB Wrangler (2)🍷	CANTERRA SEEDS
AC Ranger (6F)	FP Genetics
Altorado🍷	Nutrien Ag Solutions Proven Seed
Amisk (6)🍷	SeCan
Canmore (2)🍷	CANTERRA SEEDS
CDC Austenson (2)🍷	SeCan
CDC Coalition (2)🍷	CANTERRA SEEDS
CDC Cowboy (2F)🍷	SeCan
CDC Maverick (2F)🍷	SeCan
CDC Renegade (2F)🍷	SeCan
Champion (2)🍷	Nutrien Ag Solutions Proven Seed
Claymore (2)🍷	Nutrien Ag Solutions Proven Seed
CONLON (2)🍷	Seed Depot
Desperado (6F)🍷	Alliance Seed
Oreana (2)🍷	Nutrien Ag Solutions Proven Seed

Hulless

CDC Ascent (2)🍷	SeCan
CDC Clear (2)🍷	SeCan

Varieties being tested for adaptability in Western Canada

Esma (2)🍷	SeCan
KWS Kellie (2)🍷	SeCan
RGT Planet (2)🍷	SeCan
Richer (6)🍷	Seed Depot
Waterloo (6)	Seed Depot

OATS

AAC Douglas🍷	SeCan
AAC Justice🍷	FP Genetics
AAC Kongsore	Grain Millers
AC Morgan	SeCan
Alka🍷	Elite Seeds
CDC Arborg🍷	FP Genetics
CDC Big Brown	SeCan
CDC Dancer	FP Genetics
CDC Endure🍷	Alliance Seeds
CDC Haymaker (F)🍷	SeCan
CDC Morrison🍷	CANTERRA SEEDS
CDC Norseman🍷	SeCan
CDC Ruffian🍷	FP Genetics
CDC Skye🍷	SeCan
CS Camden🍷	CANTERRA SEEDS
Furlong🍷	CANTERRA SEEDS

OATS

Jordan	SeCan
Leggett🍷	FP Genetics
ORE3541M🍷	SeCan
ORE3542M🍷	SeCan
ORE Level48🍷	Seed Depot
ORE Level50🍷	Seed Depot
SY Donald🍷	FP Genetics
Ronald	SeCan
Souris🍷	Seed Depot
Stride🍷	SeCan
Summit🍷	FP Genetics
Triactor🍷	CANTERRA SEEDS
Varieties being tested for adaptability in Western Canada	
Kalio🍷	CANTERRA SEEDS

SPRING WHEAT

Canada Western Red Spring	
5604HR CL🍷	Nutrien Ag Solutions Proven Seed
AAC Alida VB🍷	SeCan
AAC Brandon🍷	SeCan
AAC Broadacres VB🍷	Nutrien Ag Solutions Proven Seed
AAC Cameron VB🍷	CANTERRA SEEDS
AAC Connery🍷	CANTERRA SEEDS
AAC Elie🍷	Alliance Seed
AAC Hockley🍷	FP Genetics
AAC Hodge VB🍷	FP Genetics
AAC Jatharia VB🍷	SeCan
AAC LeRoy VB🍷	Alliance Seed
AAC Magnet🍷	FP Genetics
AAC Prevail VB🍷	Alliance Seed
AAC Redberry🍷	Alliance Seed
AAC Redstar🍷	SeCan
AAC Russell VB🍷	Nutrien Ag Solutions / FP Genetics
AAC Starbuck VB🍷	SeCan
AAC Tisdale🍷	SeCan
AAC Viewfield🍷	FP Genetics
AAC Warman VB🍷	SeCan
AAC Wheatland VB🍷	SeCan
Bolles🍷	Seed Depot
Carberry🍷	SeCan
Cardale🍷	Seed Depot
CDC Adamant VB🍷	FP Genetics
CDC Bradwell🍷	SeCan
CDC Go	Nutrien Ag Solutions Proven Seed
CDC Hughes VB🍷	Nutrien Ag Solutions Proven Seed
CDC Landmark VB🍷	FP Genetics Inc.
CDC Ortona🍷	Nutrien Ag Solutions Proven Seed
CDC Pilar CLPLUS🍷	Nutrien Ag Solutions Proven Seed
CDC Plentiful🍷	FP Genetics
CDC Silas🍷	FP Genetics

FRASER SEEDS LTD.

Minto, Manitoba 1/2 mile South of Minto on #10 Hwy, 3 miles West, and 1/2 mile North

Plant: 204-776-2047

Rich: 204-534-7458

Jay: 204-534-7722

RED SPRING WHEAT

AACStarbuck / AAC Brandon VB	Midge Tolerant. Bigger yield than ACC Brandon with same straw. FHB Rating & (MR), more protein. Close second of all varieties.	AAC Brandon	A trusted standard wheat for the prairies. Very high yield, AAC, good protein, very good disease package, and an (MR) rating for FHB.
AAC Alida / AAC Brandon VB	Midge tolerant variety, very good lodging resistance, (MR) rating for FHB, grade retention, one day earlier than AAC Brandon, resistant to leaf & stem rust and loose smut. Very good sprouting resistance.	ACC Wheatland / AAC Brandon	Midge Tolerant, with shorter, very strong straw, more protein, (1) Rating for FHB. Highest yield last 3 years.
AAC LeRoy VB / AAC Redberry	AAC LeRoy VB is a NEW Midge Tolerant CWRS, with a high yield potential in CWRS. MR for FHB and improved lodging resistance, yields of 13% more than Carberry and 10% over Unity in registration trials, Sm1 Resistance.	CDC Endure	A top yielding line, outyielding AAC Morgan & CS Camden in 2019 MCVET, SKVPG, ABRV trials. Strong Standability, Earlier Maturity than CS Camden, High test weights, Consistently high Beta-glucan content, Parentage: OT590/CDC Dancer.

*Available in Foundation, Registered and Certified.

SPRING WHEAT

CDC SKRush🌀	SeCan
CDC Stanley🌀	Nutrien Ag Solutions Proven Seed
CDC Succession CLPLUS VB🌀	Nutrien Ag Solutions Proven Seed
CDC Titanium VB🌀	Nutrien Ag Solutions Proven Seed
Daybreak🌀	CANTERRA SEEDS
Ellerslie🌀	SeCan
Glenn🌀	CANTERRA SEEDS
Goodeve VB🌀	Alliance Seed
Jake🌀	CANTERRA SEEDS
Parata🌀	SeCan
RedNet🌀	SeedNet Inc.
Resolve🌀	Canterra Seeds
SY Brawn VB🌀	Nutrien Ag Solutions Proven Seed
SY Cast🌀	Nutrien Ag Solutions Proven Seed
SY Chert VB🌀	Syngenta Canada Inc.
SY Crossite🌀	Didsbury Seeds
SY Donald🌀	FP Genetics
SY Gabbro🌀	Richardson Pioneer
SY Manness🌀	FP Genetics
SY Natron🌀	
SY Obsidian🌀	Richardson Pioneer
SY Slate🌀	Syngenta Canada Inc.
SY Sovite🌀	Richardson Pioneer
SY Torach🌀	Alliance Seed
Tracker🌀	CANTERRA SEEDS
WR859 CL🌀	Richardson Pioneer

Canada Prairie Spring Red

AAC Crossfield🌀	CANTERRA SEEDS
AAC Entice🌀	Nutrien Ag Solutions Proven Seed
AAC Foray VB🌀	SeCan
AAC Goodwin🌀	SeCan
AAC Penhold🌀	SeCan
AAC Rimbey VB🌀	SeCan
AAC Tenacious VB🌀	Alliance Seed
Accelerate🌀	CANTERRA SEEDS
CDC Reign🌀	FP Genetics
CDC Terrain🌀	FP Genetics
SY Rorke🌀	Nutrien Ag Solutions Proven Seed
SY Rowyn🌀	Alliance Seed

Canada Northern Hard Red

5605HR CL🌀	Nutrien Ag Solutions Proven Seed
AAC Redwater🌀	SeCan
AAC Tradition	SeCan
AC Domain	SeCan
Elgin ND🌀	FP Genetics
Faller	Seed Depot
Muchmore🌀	FP Genetics
Prosper🌀	Seed Depot
Shelly🌀	Seed Depot
Unity VB🌀	SeCan

Canada Western Special Purpose

AAC Awesome VB🌀	SeCan
AAC Innova🌀	Alliance Seed
AAC Proclaim🌀	FP Genetics
Alderion	SeCan
CDC Throttle🌀	Crop Development Centre
Pasteur	SeCan
Sparrow VB	SeCan
WPB Whistler🌀	SeCan

Canadian Western Hard White Spring

AAC Cirrus🌀	FP Genetics
AAC Iceberg🌀	Alliance Seed
AAC Tomkins🌀	FP Genetics
AAC Whitefox🌀	SeCan
AAC Whitehead VB🌀	FP Genetics
Snowstar🌀	SeCan

Canada Western Soft White Spring

AAC Chiffon VB🌀	SeedNet Inc.
AAC Indus VB🌀	SeCan
AAC Paramount VB🌀	SeCan
Sadash VB🌀	SeCan

Canada Western Extra Strong

CDN Bison	Faurschou Farms Ltd. III
Glencross VB	Faurschou Farms Ltd. III

Canada Western Amber Durum

AAC Cabri🌀	SeCan
------------	-------

SPRING WHEAT

AAC Congress🌀	CANTERRA SEEDS
AAC Current🌀	Alliance Seed
AAC Durafield	SeCan
AAC Grainland🌀	SeCan
AAC Marchwell VB🌀	SeCan
AAC Raymore🌀	SeCan
AAC Spitfire🌀	SeCan
AAC Stronghold🌀	SeCan
AAC Succeed VB🌀	FP Genetics
Brigade🌀	Nutrien Ag Solutions Proven Seed
CDC Alloy🌀	FP Genetics
CDC Carbide VB🌀	Nutrien Ag Solutions Proven Seed
CDC Credence🌀	CANTERRA SEEDS
CDC Desire	Syngenta Canada Inc.
CDC Dynamic🌀	Nutrien Ag Solutions Proven Seed
CDC Fortitude🌀	Nutrien Ag Solutions Proven Seed
CDC Precision🌀	Alliance Seed
CDC Verona🌀	Alliance Seed
CDC Vivid	Nutrien Ag Solutions Proven Seed
Enterprise🌀	CANTERRA SEEDS
Eurostar	SeCan
Strongfield🌀	SeCan
Transcend🌀	FP Genetics

WINTER WHEAT**Canada Western Red Winter**

AAC Elevate🌀	SeCan
AAC Gateway🌀	Seed Depot
AAC Goldrush🌀	FP Genetics
AAC Network🌀	SeedNet
AAC Vortex🌀	Alliance Seed
AAC Wildfire🌀	SeCan
CDC Buteo	SeCan
CDC Chase	CANTERRA SEEDS
Emerson🌀	CANTERRA SEEDS
Flourish	SeCan
McClintock	CANTERRA SEEDS
Moats🌀	SeCan

Canada Western Special Purpose

Broadview🌀	CANTERRA SEEDS
CDC Falcon	SeCan
Peregrine	SeCan

Canada Western Experimental

AAC Icefield🌀	FP Genetics
---------------	-------------

FALL RYE

Danko	FP Genetics
Hazlet	SeCan
Prima	SeCan

Hybrid Fall Rye

Brasetto	FP Genetics
Guttino	SeedNet Inc.
KWS Bono	FP Genetics
KWS Daniello	FP Genetics
KWS Gatano🌀	FP Genetics
KWS Serafino🌀	SeedNet
KWS Trebiano🌀	FP Genetics

DISTRIBUTOR**PHONE NUMBER**

Alliance Seed	1-877-270-2890
CANTERRA SEEDS	1-866-744-4321
Crop Development Centre.....	1-306-966-5855
Didsbury Seeds, AB	1-403-994-7333
Elite Seeds	
Faurschou Farms Ltd. III	1-204-274-2159
FP Genetics.....	1-877-791-1045
Grain Millers	1-306-783-2931
Nutrien Ag Solutions Proven Seed.....	1-855-569-9444
Richardson Pioneer.....	1-204-934-5166
SeCan	1-800-665-7333
Seed Depot	1-204-825-2000
SeedNet Inc.....	1-403-715-9771
Sollio Cooperative Group	1-514-384-6450
Syngenta Canada Inc.	1-877-964-3682

Growers List



BARLEY

S=Select; F=Foundation; R=Registered; C=Certified; ☼ Indicates Plant Breeders Rights (PBR) protection under UPOV 1978 and ☼ protected or pending under UPOV 1991.

AAC CONNECT☼

Boissevain; Armstrong Seeds, Duncan T. & AJ.....	204-534-2566	C
Decker; MFI Seed.....	204-764-0366	S F R
Domain; Pitura, Carl & Calvin C. & Connor J. & Greaves, Tom	204-736-2849	C
Reston; Avondale Seed Farm Ltd.....	204-877-3813	F
Virde; Heaman, Douglas J., Walter & Brittany.....	204-748-7666	C

AAC SYNERGY☼

Grosse Isle; Rutherford Farms Ltd.....	204-467-5613	S F C
Pilot Mound; Wallace, Joe.....	204-825-4543	C
Rosenort; Friesen Seeds Ltd.....	204-746-8325	R
Russell; Keating Seed Farms Inc.....	204-773-3854	C
Swan River; Alford, Wayne G.....	204-734-2526	C

AB CATTLELAC☼

Plumas; Tonn Seeds.....	204-386-2206	S R
Reinland; Ens Farms Ltd.....	204-325-4658	C
Reston; Avondale Seed Farm Ltd.....	204-877-3813	C

ALTORADO☼

Reston; Avondale Seed Farm Ltd.....	204-877-3813	R
-------------------------------------	--------------	---

CANMORE☼

Oakville; Miller Agritec Farm Inc.....	204-267-2363	F R
Warren; Riddell Seed Co.....	204-227-5679	C

CDC AUSTENSON☼

Arborg; Harreg Farms.....	204-642-2570	C
Boissevain; Boissevain Select Seeds.....	204-534-6846	C
Crystal City; Buchanan Seeds.....	204-873-2661	C
Darlingford; Dudgeon Farms Ltd.....	204-242-4559	C
Deloraine; Bolduc, Ronald & Bell, A.J.....	204-747-4194	C
Hamiota; Knight, Ronald M. & Jeff.....	204-764-2450	R C
Mac Gregor; Hulme, Lorne & Jared.....	204-685-2627	C
Miniota; Walkers Seed Services.....	204-748-7264	R C
Navin; David G. James And James Farms Ltd.....	204-222-8785	C
Newdale; Warehamdale Seeds Ltd.....	204-849-2029	C
Oak River; J.S.Henry & Son Ltd.....	204-566-2422	C
Oakville; Miller Agritec Farm Inc.....	204-267-2363	R C
Plumas; Court Seeds Ltd.....	204-386-2354	C
Plumas; Tonn Seeds.....	204-386-2206	F R
Reinland; Ens Farms Ltd.....	204-325-4658	C
Reston; Avondale Seed Farm Ltd.....	204-877-3813	R C
Rosenort; Friesen Seeds Ltd.....	204-746-8325	C
St Anne; Seine River Seed Farm.....	204-371-7700	C
Ste. Rose Du Lac; PNR Farms.....	204-447-2118	C
Stonewall; Unger Seed Farm Ltd.....	204-467-8630	R C

CDC CHURCHILL☼

Boissevain; Boissevain Select Seeds.....	204-534-6846	S R
Virde; Heaman, Douglas J., Walter & Brittany.....	204-748-7666	R
Warren; Jones, Gavin R.....	204-322-5604	S F

CDC COPELAND☼

Hamiota; Knight, Ronald M. & Jeff.....	204-764-2450	C
Oak Lake; Gerlyn Acres Ltd.....	204-855-3128	C
Reston; Avondale Seed Farm Ltd.....	204-877-3813	C

CDC COPPER☼

Domain; Manness, Ronald & Patricia & Graeme & Adeena	204-782-2173	C
--	--------------	---

CDC FRASER☼

Boissevain; Boissevain Select Seeds.....	204-534-6846	R C
Hamiota; Knight, Ronald M. & Jeff.....	204-764-2450	C
Mather; Mc Lennan, Donald D.....	204-529-2372	R
Oak Lake; Gerlyn Acres Ltd.....	204-855-3128	R
St Anne; Seine River Seed Farm.....	204-371-7700	R

BARLEY

S=Select; F=Foundation; R=Registered; C=Certified; ☼ Indicates Plant Breeders Rights (PBR) protection under UPOV 1978 and ☼ protected or pending under UPOV 1991.

CDC MAVERICK☼

Cromer; Bartel, Bob.....	204-662-4580	R
Crystal City; Buchanan Seeds.....	204-873-2661	R
Oak Bank; Willowdale Seeds.....	204-801-0659	C
Ste. Rose Du Lac; PNR Farms.....	204-447-2118	R
Warren; Riddell Seed Co.....	204-227-5679	F R

CELEBRATION☼

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

CONLON☼

Darlingford; Morrow, Graham.....	204-362-8986	C
Minto; Southern Seed.....	204-534-0988	C
Portage La Prairie; Pugh Seeds Ltd.....	204-871-1467	C
Somerset; Sierens, Joseph & Chris.....	204-744-2883	C

ESMA☼

Arborg; Harreg Farms.....	204-642-2570	R
Domain; Manness, Ronald & Patricia & Graeme & Adeena	204-782-2173	F
Oak Bank; Willowdale Seeds.....	204-801-0659	F
Oakville; Miller Agritec Farm Inc.....	204-267-2363	R
Plumas; Court Seeds Ltd.....	204-386-2354	F
Reinland; Ens Farms Ltd.....	204-325-4658	S F R
Stonewall; Unger Seed Farm Ltd.....	204-467-8630	R
Warren; Riddell Seed Co.....	204-227-5679	S F

NEWDALÉ☼

Oak River; J.S.Henry & Son Ltd.....	204-566-2422	C
Souris; David Kohut Ltd.....	204-483-3063	S F
St Anne; Seine River Seed Farm.....	204-371-7700	C

SIRISH☼

Domain; Pitura, Carl & Calvin C. & Connor J. & Greaves, Tom	204-736-2849	C
---	--------------	---

TRADITION☼

Minto; Southern Seed.....	204-534-0988	C
Navin; David G. James And James Farms Ltd.....	204-222-8785	C

OATS

AAC DOUGLAS☼

Arborg; Timchishen, Donald Victor & Darcy.....	204-641-1288	S F R
Boissevain; Boissevain Select Seeds.....	204-534-6846	S
Brandon; Wheat City Seeds Ltd.....	204-727-3337	R
Carman; Ulrich & Monika Menold Ltd.....	204-745-2822	S R C
Domain; Pitura, Carl & Calvin C. & Connor J. & Greaves, Tom	204-736-2849	S F R
Gilbert Plains; T & S Seeds.....	204-548-2805	R
Glenboro; Jefferies, Ron & Cale.....	204-827-2102	S R
Homewood; Agassiz Seed Farm.....	204-745-6655	R
Oak Bank; Willowdale Seeds.....	204-801-0659	R
Pilot Mound; Wallace, Joe.....	204-825-4543	R
Plumas; Court Seeds Ltd.....	204-386-2354	R
Portage La Prairie; Pugh Seeds Ltd.....	204-871-1467	R
Sanford; Bergen, Edward Harry & Tim.....	204-736-2278	C
Warren; Riddell Seed Co.....	204-227-5679	S R
Wawanessa; Ellis Seeds.....	204-824-2290	R

CDC ARBORGE☼

Arborg; Timchishen, Donald Victor & Darcy.....	204-641-1288	F C
Boissevain; Armstrong Seeds, Duncan T. & AJ.....	204-534-2566	C
Boissevain; Boissevain Select Seeds.....	204-534-6846	C
Carman; RJP Seed Ltd.....	204-745-3304	R
Domain; Manness, Ronald & Patricia & Graeme & Adeena	204-782-2173	F C
Grosse Isle; Rutherford Farms Ltd.....	204-467-5613	C
Hamiota; Knight, Ronald M. & Jeff.....	204-764-2450	R C
Killarney; Bar H Agri Seeds.....	204-523-7464	C
Manitou; Sanders Seed Farm.....	204-242-4200	C
Medora; Vandaele, Mark & Cole.....	204-522-6463	C
Navin; David G. James And James Farms Ltd.....	204-222-8785	C
Plumas; Court Seeds Ltd.....	204-386-2354	R

OATS

S=Select; F=Foundation; R=Registered; C=Certified; ☼ Indicates Plant Breeders Rights (PBR) protection under UPOV 1978 and ☉ protected or pending under UPOV 1991.

Reston; Avondale Seed Farm Ltd.....	204-877-3813	C
Rosenort; Friesen Seeds Ltd.....	204-746-8325	C
Rosenort; Friesen, Lloyd	204-746-5751	C
Russell; Keating Seed Farms Inc.	204-773-3854	C
Souris; David Kohut Ltd.	204-483-3063	S F
St. Claude; Rouire, Roland & Guy.....	204-379-2582	C

CDC BALER

Gilbert Plains; T & S Seeds.....	204-548-2805	C
----------------------------------	--------------	---

CDC ENDURE☉

Altona; Fuchsmeier, Joni	204-324-3859	R
Altona; Wiebe, Henry D. & Lloyd	204-324-7999	S F
Arborg; Timchishen, Donald Victor & Darcy	204-641-1288	R
Boissevain; Armstrong Seeds, Duncan T. & AJ.....	204-534-2566	R
Boissevain; Boissevain Select Seeds.....	204-534-6846	S F
Fannystelle; Nadeau, Brian	204-436-2469	C
Gilbert Plains; T & S Seeds.....	204-548-2805	R
Grosse Isle; Rutherford Farms Ltd.	204-467-5613	R
Homewood; Agassiz Seed Farm	204-745-6655	R
Mac Gregor; Hulme, Lorne & Jared	204-685-2627	R
Manitou; Sanders Seed Farm.....	204-242-4200	R
Minto; Fraser Seeds Ltd.	204-776-2047	R
Morris; Red River Seeds Ltd.	204-746-3059	R
Notre Dame De Lourdes; Durand Seeds Inc.....	204-248-2268	S F
Oak Bank; Willowdale Seeds	204-801-0659	R
Oak River; J.S. Henry & Son Ltd.....	204-566-2422	R
Oakville; Miller Agritec Farm Inc.....	204-267-2363	R
Pilot Mound; Wallace, Joe	204-825-4543	R
Plumas; Court Seeds Ltd.	204-386-2354	R
Reinland; Ens Farms Ltd.....	204-325-4658	S F R
Reston; Avondale Seed Farm Ltd.....	204-877-3813	R
Russell; Keating Seed Farms Inc.	204-773-3854	C
Sanford; Bergen, Edward Harry & Tim	204-736-2279	S F R

OATS

S=Select; F=Foundation; R=Registered; C=Certified; ☼ Indicates Plant Breeders Rights (PBR) protection under UPOV 1978 and ☉ protected or pending under UPOV 1991.

St Anne; Seine River Seed Farm	204-371-7700	R
Swan River; Oberlin, George	204-734-2292	R
Wawanesa; Ellis Seeds	204-824-2290	R

CDC HAYMAKER☉

Carman; Ulrich & Monika Menold Ltd.....	204-745-2822	R
Cromer; Bartel Seeds.....	204-662-4484	R
Crystal City; Buchanan Seeds.....	204-873-2661	C
Dufrost; Catellier, Roger & Richard	204-746-4175	C
Navin; David G. James And James Farms Ltd.....	204-222-8785	C
Oak Bank; Willowdale Seeds	204-801-0659	C
Reinland; Ens Farms Ltd.....	204-325-4658	R C
St Anne; Seine River Seed Farm	204-371-7700	C
Ste. Rose Du Lac; PNR Farms.....	204-447-2118	R C
Swan River; Oberlin, George	204-734-2292	C
Warren; Riddell Seed Co.....	204-227-5679	F

CDC MORRISON☉

Morris; L. A. Farms	204-746-2026	S F
---------------------------	--------------	-----

CS CAMDEN☉

Boissevain; Boissevain Select Seeds.....	204-534-6846	S F C
Brandon; Wheat City Seeds Ltd.	204-727-3337	C
Carman; Krahn, Myron	204-750-1287	C
Decker; MFI Seed.....	204-764-0366	C
Domain; Pitura, Carl & Calvin C. & Connor J. & Greaves, Tom	204-736-2849	C
Glenboro; Jefferies, Ron & Cale.....	204-827-2102	C
Homewood; Agassiz Seed Farm	204-745-6655	C
Lowe Farm; MB Seeds Ltd.....	204-746-2187	C
Mac Gregor; Hulme, Lorne & Jared	204-685-2627	R C
Miniota; Walkers Seed Services	204-748-7264	C
Morris; Hamblin, Donald & Bradley	204-209-0506	R
Morris; L. A. Farms	204-746-2026	S F C



SeCan
Canada's Seed Partner

AAC Douglas

The *NEW* top dog in milling oats.

For oat genes that fit *your farm*® contact:

Jefferies
Seeds

Cale Jefferies
204-827-2102



Developed by Agriculture & Agri-Food Canada, Brandon.
Genes that fit *your farm*® is a registered trademark of SeCan.



Knight Seeds

Farmers Supplying Farmers

bins, augers, conveyors, fans

For all your
seed, storage requirements, small line
equipment, and grain marketing needs.

Hamiota, MB info@knightseeds.com (204) 764-2450

www.knightseeds.com

OATS

S=Select; F=Foundation; R=Registered; C=Certified; ☼ Indicates Plant Breeders Rights (PBR) protection under UPOV 1978 and ☼ protected or pending under UPOV 1991

Morris; Mueller, Malte	204-746-2026	C
Morris; Red River Seeds Ltd.	204-746-3059	R
Oak Bank; Willowdale Seeds	204-801-0659	C
Reston; Avondale Seed Farm Ltd.....	204-877-3813	C
Rosenort; Friesen Seeds Ltd.....	204-746-8325	C
Sanford; Bergen, Edward Harry & Tim	204-736-2280	F R C
St Anne; Seine River Seed Farm	204-371-7700	C
Ste. Rose Du Lac; PNR Farms.....	204-447-2118	C
Stonewall; Unger Seed Farm Ltd.....	204-467-8630	R
Virde; Heaman, Douglas J., Walter & Brittany.....	204-748-7666	S F C
Warren; Riddell Seed Co.	204-227-5679	F

FURLONG ☼

Mac Gregor; Hulme, Lorne & Jared	204-685-2627	R
--	--------------	---

KALIO ☼

Morris; L. A. Farms	204-746-2026	S R C
Stonewall; Unger Seed Farm Ltd.....	204-467-8630	S R C

ORE LEVEL50 ☼

Sanford; Bergen, Edward Harry & Tim	204-736-2281	S
---	--------------	---

ORE3541M ☼

Brunkild; SKT Farms Inc	204-795-6507	C
Darlingford; Johnston Ideas Inc.....	204-876-4617	R
Gilbert Plains; T & S Seeds	204-548-2805	C
Portage La Prairie; Sanderson, Garry	204-857-8406	F R

ORE3542M ☼

Altona; Wiebe, Henry D. & Lloyd	204-324-7999	R
Boissevain; Martens, Ben F. & John J. & Ryan	204-534-6952	F
Carman; Krahn, Myron	204-750-1287	C
Carman; RJP Seed Ltd.....	204-745-3304	S C
Cromer; Bartel Seeds.....	204-662-4484	C
Dufrost; Catellier, Roger & Richard	204-746-4175	C
Fannystelle; Nadeau, Brian	204-436-2469	C
Holland; Patenaude, Donald & Robert	204-526-2391	C
Homewood; Agassiz Seed Farm	204-745-6655	R
Notre Dame De Lourdes; Durand Seeds Inc.....	204-248-2268	F
Oak River; J.S.Henry & Son Ltd.....	204-566-2422	R
Oakville; Miller Agritec Farm Inc.....	204-267-2363	C
Reinland; Ens Farms Ltd	204-325-4658	R
Rosenort; Friesen Seeds Ltd.....	204-746-8325	C
Rosburn; Mitchell, John	204-859-2431	R C
Sanford; Bergen, Edward Harry & Tim	204-736-2282	C
St Anne; Seine River Seed Farm	204-371-7700	C
Wawanesa; Ellis Seeds	204-824-2290	C

SOURIS ☼

Pilot Mound; Smith, Walter George & Schroeder, David	204-825-2212	C
--	--------------	---

STRIDE ☼

Darlingford; Johnston Ideas Inc.....	204-876-4617	F
--------------------------------------	--------------	---

OATS

S=Select; F=Foundation; R=Registered; C=Certified; ☼ Indicates Plant Breeders Rights (PBR) protection under UPOV 1978 and ☼ protected or pending under UPOV 1991.

SUMMIT ☼

Altona; Dylan Wiebe	204-304-0048	R C
Boissevain; Armstrong Seeds, Duncan T. & AJ.....	204-534-2566	C
Boissevain; Boissevain Select Seeds.....	204-534-6846	R C
Brunkild; SKT Farms Inc	204-795-6507	R C
Carman; RJP Seed Ltd.....	204-745-3304	C
Domain; Manness, Ronald & Patricia & Graeme & Adeena	204-782-2173	R
Domain; Pitura, Carl & Calvin C. & Connor J. & Greaves, Tom	204-736-2849	S F R
Fannystelle; Nadeau, Brian	204-436-2469	C
Grosse Isle; Rutherford Farms Ltd.	204-467-5613	R
Killarney; Bar H Agri Seeds.....	204-523-7464	C
Killarney; Chatham, Don, Linda & Cody	204-523-8412	R C
Mac Gregor; Hulme, Lorne & Jared	204-685-2627	R
Medora; Vandaele, Chad	204-522-0926	C
Minto; Southern Seed	204-534-0988	C
Morris; Red River Seeds Ltd.	204-746-3059	R
Navin; David G. James And James Farms Ltd.....	204-222-8785	C
Pilot Mound; Smith, Walter George & Schroeder, David	204-825-2212	C
Rosenort; Friesen Seeds Ltd.....	204-746-8325	S F
Rosenort; Friesen, Lloyd	204-746-5751	R C
Somerset; Sierens, Joseph & Chris	204-744-2883	F R
St Anne; Seine River Seed Farm	204-371-7700	C
Swan River; Alford, Wayne G.	204-734-2526	R

FALL RYE

DANKO

Hamiota; Knight, Ronald M. & Jeff	204-764-2450	C
Souris; David Kohut Ltd.....	204-483-3063	S F C
Ste. Rose Du Lac; PNR Farms.....	204-447-2118	C

HAZLET

Carman; RJP Seed Ltd.....	204-745-3304	C
Crystal City; Buchanan Seeds.....	204-873-2661	R
Glenboro; Jefferies, Ron & Cale.....	204-827-2102	C
Holland; Kubinec, Anastasia.....	204-526-2776	C
Kenton; Stevenson, Robert H. & Sidney H.....	204-838-2012	C
Morris; Red River Seeds Ltd.	204-746-3059	R
Reinland; Ens Farms Ltd.....	204-325-4658	R

SPELT

CDC SILEX

Reinland; Ens Farms Ltd.....	204-325-4658	S F
------------------------------	--------------	-----

Trust "Straight Cut"
CARDALE
 "More Wheat...Less Shatter"



www.seeddepot.ca



Canadian
Foodgrains
Bank
We would like to
provide complimentary
cardale seed to CFCB
growing projects

SPRING WHEAT

S=Select; F=Foundation; R=Registered; C=Certified; ☼ Indicates Plant Breeders Rights (PBR) protection under UPOV 1978 and ☼ protected or pending under UPOV 1991.

AAC BRANDON☼

Altona; Fuchsmeier, Joni	C
Altona; Sawatzky, John	C
Arborg; Harreg Farms	C
Baldur; Jeff Parsonage	R
Binscarth; Cook, Gerry (Bar 6 Seeds)	C
Binscarth; Inland Seed Corp.	R
Boissevain; Boissevain Select Seeds	S R C
Boissevain; Latimer, Kevin B. & Duane E.	C
Brandon; Wheat City Seeds Ltd.	F C
Brunkild; SKT Farms Inc	C
Carman; RJP Seed Ltd.	C
Carman; Ulrich & Monika Menold Ltd.	S F
Cromer; Bartel, Bob	C
Crystal City; Fallis, J. Allan & Mark A.	C
Darlingford; Morrow, Graham	C
Dauphin; Fisher Farms Ltd.	C
Dauphin; Kaleta, James & Debra	C
Deloraine; Bolduc, Ronald & Bell, A.J.	C
Domain; Pitura, Carl & Calvin C. & Connor J. & Greaves, Tom	S F R
Elm Creek; Grey Seed Farm Ltd.	C
Grandview; Triple S Seeds Ltd	C
Hamiota; Knight, Ronald M. & Jeff	C
Holland; Patenaude, Donald & Robert	C
Kenton; Stevenson, Richard D.O. & Douglas	C
Killarney; Chatham, Don, Linda & Cody	C
Lowe Farm; MB Seeds Ltd	C
Mac Gregor; Hulme, Lorne & Jared	R C
Manitou; Sanders Seed Farm	R C
Miniota; Walkers Seed Services	C
Minto; Fraser Seeds Ltd.	C

SPRING WHEAT

S=Select; F=Foundation; R=Registered; C=Certified; ☼ Indicates Plant Breeders Rights (PBR) protection under UPOV 1978 and ☼ protected or pending under UPOV 1991.

Minto; Southern Seed	204-534-0988	F C
Morris; Mueller, Malte	204-746-2026	C
Morris; Red River Seeds Ltd.	204-746-3059	R C
Newdale; Warehamdale Seeds Ltd.	204-849-2029	C
Niverville; Prairie Sky Crop Solutions	204-388-4303	R
Notre Dame De Lourdes; Durand Seeds Inc.	204-248-2268	C
Oak Bank; Willowdale Seeds	204-801-0659	C
Oak River; J.S. Henry & Son Ltd.	204-566-2422	S F
Oakville; Miller Agritec Farm Inc.	204-267-2363	C
Pilot Mound; Smith, Walter George & Schroeder, David	204-825-2212	R C
Plum Coulee; Tri J. Farms	204-362-1789	R
Plumas; Court Seeds Ltd	204-386-2354	C
Plumas; Tonn Seeds	204-386-2206	F R
Portage La Prairie; Askin, Raymond T. & Jeffrey S.	204-856-3483	S F C
Portage La Prairie; Sanderson, Garry	204-857-8406	C
Portage La Prairie; Sissons Farms Ltd.	204-857-7341	S F R
Reinland; Ens Farms Ltd.	204-325-4658	R
Rivers; Krahn, Ronald J. & Robert A.	204-761-8702	C
Rivers; Redsper Enterprises	204-328-5346	R C
Rosenort; Friesen Seeds Ltd.	204-746-8325	C
Rosburn; Mitchell, John	204-859-2431	R C
Rosser; Mulligan, Kenneth	204-799-7417	C
Sanford; Bergen, Edward Harry & Tim	204-736-2283	S F R C
Somerseset; Sierens, Joseph & Chris	204-744-2883	R C
Souris; Kohut, Richard	204-725-5984	C
St Anne; Seine River Seed Farm	204-371-7700	C
St. Leon; Labossiere, Luc N. & Rejean F.	204-825-7249	C
Ste. Rose Du Lac; PNR Farms	204-447-2118	C
Stonewall; Unger Seed Farm Ltd.	204-467-8630	C
Virten; Hutch Ag	204-851-6157	C
Wawanesa; Ellis Seeds	204-824-2290	C

PLANT FOR SUCCESS

BOOK YOUR 2022 SEED EARLY!



WHEAT

- › AAC Viewfield
- › AAC Brandon
- › AAC Starbuck
- › CS Daybreak
- › SY Rowyn
- › Faller

OATS

- › Summit
- › CDC Arborg
- › CS Camden
- › ORe3542M

BARLEY

- › CDC Austenson
- › AAC Synergy

FLAX

- › CDC Glas

SOYBEANS

- › All the latest varieties from Northstar, Dekalb, Synenta & Croplan

CORN

- › Northstar
- › Dekalb
- › Croplan
- › Maizex
- *custom planting available*

PEAS

- › AAC Carver
- › AAC Chrome

CANOLA

- › Liberty Link
- › Clearfield

SEED TREATMENTS & INOCULANTS

CALL RICK & KEVIN 204-746-8325

WWW.FRIENSEEDS.CA

SPRING WHEAT

S=Select; F=Foundation; R=Registered; C=Certified; ☼ Indicates Plant Breeders Rights (PBR) protection under UPOV 1978 and ☼ protected or pending under UPOV 1991

AAC CAMERON VB☼

Dauphin; Kaleta, James & Debra	204-638-7800	R
Killarney; Bar H Agri Seeds	204-523-7464	C
Reston; Avondale Seed Farm Ltd.	204-877-3813	R

AAC ELIE☼

Boissevain; Boissevain Select Seeds	204-534-6846	C
Deloraine; Bolduc, Ronald & Bell, A.J.	204-747-4194	C
Grosse Isle; Rutherford Farms Ltd.	204-467-5613	C
Holland; Kubinec, Anastasia	204-526-2776	R C

AAC HOCKLEY☼

Arborg; Timchishen, Donald Victor & Darcy	204-641-1288	S F
Binscarth; Inland Seed Corp.	204-683-2316	S F
Boissevain; Boissevain Select Seeds	204-534-6846	S
Carman; RJP Seed Ltd.	204-745-3304	S F
Dauphin; Kaleta, James & Debra	204-638-7800	F
Domain; Manness, Ronald & Patricia & Graeme & Adeena	204-782-2173	F
Domain; Pitura, Carl & Calvin C. & Connor J. & Greaves, Tom	204-736-2849	S F
Hamiota; Knight, Ronald M. & Jeff	204-764-2450	S F
Manitou; Sanders Seed Farm	204-242-4200	S F
Oak River; J.S. Henry & Son Ltd.	204-566-2422	S
Plumas; Court Seeds Ltd.	204-386-2354	F
Russell; Keating Seed Farms Inc.	204-773-3854	R
Somerset; Sierens, Joseph & Chris	204-744-2883	S
Souris; David Kohut Ltd.	204-483-3063	S F
Swan River; Alford, Wayne G.	204-734-2526	S F R

AAC HODGE VB☼

Altona; Wiebe, Henry D. & Lloyd	204-324-7999	S
Binscarth; Inland Seed Corp.	204-683-2316	S F

SPRING WHEAT

S=Select; F=Foundation; R=Registered; C=Certified; ☼ Indicates Plant Breeders Rights (PBR) protection under UPOV 1978 and ☼ protected or pending under UPOV 1991.

Boissevain; Boissevain Select Seeds	204-534-6846	S
Domain; Manness, Ronald & Patricia & Graeme & Adeena	204-782-2173	F
Domain; Pitura, Carl & Calvin C. & Connor J. & Greaves, Tom	204-736-2849	S F
Grandview; Triple S Seeds Ltd.	204-638-2004	S F
Hamiota; Knight, Ronald M. & Jeff	204-764-2450	S F
Mac Gregor; Hulme, Lorne & Jared	204-685-2627	S
Pilot Mound; Smith, Walter George & Schroeder, David	204-825-2212	F
Plumas; Court Seeds Ltd.	204-386-2354	F
Rosenort; Friesen Seeds Ltd.	204-746-8325	S
Russell; Keating Seed Farms Inc.	204-773-3854	F
Somerset; Sierens, Joseph & Chris	204-744-2883	S
Swan River; Alford, Wayne G.	204-734-2526	S F

AAC LEROY VB☼

Boissevain; Armstrong Seeds, Duncan T. & AJ	204-534-2566	C
Boissevain; Boissevain Select Seeds	204-534-6846	C
Crandall; Rolling View Farms Inc.	204-764-0028	R C
Crystal City; Fallis, J. Allan & Mark A.	204-873-2305	C
Elphinstone; Gerrard, Jody	204-365-0321	R
Grosse Isle; Rutherford Farms Ltd.	204-467-5613	R
Holland; Kubinec, Anastasia	204-526-2776	C
Homewood; Agassiz Seed Farm	204-745-6655	R
Minto; Fraser Seeds Ltd.	204-776-2047	C
Oak Bank; Willowdale Seeds	204-801-0659	R
Russell; Keating Seed Farms Inc.	204-773-3854	R
Stonewall; Unger Seed Farm Ltd.	204-467-8630	R

AAC MAGNET☼

Boissevain; Boissevain Select Seeds	204-534-6846	C
Cromer; Bartel, Bob	204-662-4580	C

MFi seed

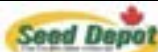
Reputable Seed Service Since 1969

Wheat	Peas
AAC Wheatland	CDC Amarillo
Faller	CDC Lewochko
Oats	Barley
CS Camden	AAC Connect

For more info contact:
Ryan 204.764.0366 • Dale 204.764.0361
mfiseed@gmail.com
Decker, Manitoba

MFi seed

A division of Murray Farms inc.



Trusted **Souris**
White Milling Oats

Working hard...
to earn your trust!

SOURIS OAT DEALERS

Walt 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*	Virdee, MB	748-2666
Court Seeds*	Plumas	386-2354
Durand Seeds Inc.*	Notre Dame, MB	248-2268
Ellis Seeds*	Wawanesa, MB	824-2290
Ens Farms Ltd.*	Winkler, MB	325-4658
Fisher Seeds Ltd.	Dauphin, MB	622-8800
Friesen Seeds Ltd.*	Rosenort, MB	746-8325
Gagnon Seed Service*	Ste. Rose du Lac, MB	447-2118
HB Agri-Seed*	Killarney, MB	523-7464
James Farms Ltd.*	Winnipeg, MB	222-8785
Jeffries Seeds*	Glenboro, MB	827-2102
LD Seeds	Altona, MB	324-5798
MB Seeds*	Lowe Farm, MB	746-2187
Miller Agritec*	Oakville, MB	267-2363
Nickel Bros.*	Solsgirth, MB	842-3786
Pitura Seed Service*	Domain, MB	736-2849
Pugh Seeds Ltd.*	Portage la Prairie, MB	274-2179
Red River Seeds	Morris, MB	746-4779
Redsper Enterprises*	Rivers, MB	328-5346
Riddell Seed Co.	Warren, MB	227-5679
RJP Seeds	Carman, MB	745-3304
Rutherford Farms Ltd.*	Grosse Isle, MB	467-5613
R-Way Ag Ltd.*	St. Claude, MB	379-2582
Saine River Seeds*	Ste. Anne, MB	355-4495
Smith Family Seeds*	Pilot Mound, MB	825-7810
Southern Seed Ltd.	Minto, MB	776-2333
Swan Valley Seeds*	Swan River, MB	734-2526
T&S Seeds	Gilbert Plains, MB	548-2117
Timchishen Seeds	Arborg, MB	376-5116
Triple "S" Seeds*	Grandview, MB	546-2590
Wheat City Seeds Ltd.*	Brandon, MB	727-3337
Wilson Seeds Ltd.*	Darlington, MB	246-2388
Zeghers Seed Farm*	Holland, MB	526-2145

* CONLON Dealers

Earlier - Shorter - Heavier

- ✓ Short Oat
- ✓ Top Yielding Variety
- ✓ Earliest – 4 days earlier than Summit, 7 earlier than Pinnacle
- ✓ Heaviest Oat on the market with smaller seed
- ✓ Accepted by all oat millers
- ✓ Good Disease package
 - Resistant to Stem Rust



For best returns, choose Certified seed. seeddepot.ca

SPRING WHEAT

S=Select; F=Foundation; R=Registered; C=Certified; ☼ Indicates Plant Breeders Rights (PBR) protection under UPOV 1978 and ☉ protected or pending under UPOV 1991.

Elphinstone; Gerrard, Jody.....	204-365-0321	R
Killarney; Bar H Agri Seeds.....	204-523-7464	C
Russell; Keating Seed Farms Inc.....	204-773-3854	R
Souris; David Kohut Ltd.....	204-483-3063	C

AAC PENHOLD☉

Lowe Farm; MB Seeds Ltd.....	204-746-2187	C
St Anne; Seine River Seed Farm.....	204-371-7700	C

AAC REDBERRY☉

Boissevain; Boissevain Select Seeds.....	204-534-6846	C
Crandall; Rolling View Farms Inc.....	204-764-0028	C
Elphinstone; Gerrard, Jody.....	204-365-0321	C
Foxwarren; Falloon, A. Scott.....	204-773-6567	C
Swan River; Oberlin, George.....	204-734-2292	C
Virde; Hutch Ag.....	204-851-6157	C

AAC REDSTAR☉

Kenville; Carmichael Seed Farm Ltd.....	204-734-8683	S F R
Oak River; J.S. Henry & Son Ltd.....	204-566-2422	R

AAC STARBUCK VB☉

Altona; Sawatzky, John.....	204-324-4018	R C
Altona; Wiebe, Henry D. & Lloyd.....	204-324-7999	S R C
Arborg; Timchishen, Donald Victor & Darcy.....	204-641-1288	F R C
Baldur; Jeff Parsonage.....	204-535-2598	R
Binscarth; Cook, Gerry (Bar 6 Seeds).....	204-532-2268	C
Binscarth; Inland Seed Corp.....	204-683-2316	R
Boissevain; Armstrong Seeds, Duncan T. & AJ.....	204-534-2566	C
Boissevain; Boissevain Select Seeds.....	204-534-6846	R
Brandon; Wheat City Seeds Ltd.....	204-727-3337	S F C
Brunkild; SKT Farms Inc.....	204-795-6507	C
Carman; Krahn, Myron.....	204-750-1287	R

SPRING WHEAT

S=Select; F=Foundation; R=Registered; C=Certified; ☼ Indicates Plant Breeders Rights (PBR) protection under UPOV 1978 and ☉ protected or pending under UPOV 1991.

Carman; Menold, Thomas.....	204-750-2682	R C
Carman; RJP Seed Ltd.....	204-745-3304	C
Carman; Ulrich & Monika Menold Ltd.....	204-745-2822	R
Crandall; Rolling View Farms Inc.....	204-764-0028	C
Crystal City; Fallis, J. Allan & Mark A.....	204-873-2305	C
Darlingford; Morrow, Graham.....	204-362-8986	R
Dauphin; Fisher Farms Ltd.....	204-622-8800	R
Dauphin; Kaleta, James & Debra.....	204-638-7800	C
Domain; Manness, Ronald & Patricia & Graeme & Adeena.....	204-782-2173	R C
Domain; Pitura, Carl & Calvin C. & Connor J. & Greaves, Tom.....	204-736-2849	S F R C
Dufrost; Catellier, Roger & Richard.....	204-746-4175	F R
Elm Creek; Grey Seed Farm Ltd.....	204-436-3321	R
Elphinstone; Gerrard, Jody.....	204-365-0321	C
Fannystelle; Nadeau, Brian.....	204-436-2469	C
Gilbert Plains; T & S Seeds.....	204-548-2805	R
Glenboro; Jefferies, Ron & Cale.....	204-827-2102	C
Grandview; Triple S Seeds Ltd.....	204-638-2004	R
Grosse Isle; Rutherford Farms Ltd.....	204-467-5613	R C
Hamiota; Knight, Ronald M. & Jeff.....	204-764-2450	C
Holland; Patenaude, Donald & Robert.....	204-526-2391	C
Homewood; Agassiz Seed Farm.....	204-745-6655	R
Kenton; Stevenson, Robert H. & Sidney H.....	204-838-2012	C
Killarney; Bar H Agri Seeds.....	204-523-7464	C
Killarney; Chatham, Don, Linda & Cody.....	204-523-8412	C
Lowe Farm; MB Seeds Ltd.....	204-746-2187	S R
Mac Gregor; Hulme, Lorne & Jared.....	204-685-2627	S F C
Manitou; Sanders Seed Farm.....	204-242-4200	R C
Medora; Vandaele, Mark & Cole.....	204-522-6463	C
Miniota; Walkers Seed Services.....	204-748-7264	R C
Minto; Fraser Seeds Ltd.....	204-776-2047	F R



Peas | AAC Carver, AAC Chrome, AAC Profit
Wheat | AAC Starbuck, AAC Wheatland, AAC Leroy, AAC Brandon, AAC Redberry
Oats | CDC Arborg, CS Camden, Summit, CDC Endure
Barley | AAC Connect, Celebration, Newdale
Flax | CDC Rowland
Soybeans | Mahony R2, Bourke R2X and many more of the latest varieties available.

AJ ARMSTRONG
 Boissevain, MB,
 204-534-2566
 Cell: 204-534-8599
 armstrongseeds@gmail.com

CUSTOM TREATING AND PROCESSING



Where Purity meets performance

WHEAT AAC Brandon AAC Starbuck AAC Wheatland Prosper Faller Shelly OATS Summit ORe3542M CDC Arborg CDC Endure CS Camden	PEAS AAC Carver AAC Chrome CDC Lewochko EDIBLE BEANS Pinto, Navy, Black, and specialty bean seed. SOYBEANS A strong line up of GMO & Non-GMO varieties from Thunder Seeds, Sevita International, SeCan, and Pride.	CANOLA Clearfield & Liberty Link GRAIN & SILAGE CORN Thunder Seeds Pride Seeds Horizon Seeds FERTILIZER Alpine starter & foliar fertilizer Direct to farm granular & liquid fertilizer
---	--	---

Lloyd Wiebe
 Phone: 204-324-7999
 Email: Lloydw@mymts.net

Dylan Wiebe
 Phone: 204-304-0048
 Email: Ldseeds-dylan@outlook.com



SPRING WHEAT

S=Select; F=Foundation; R=Registered; C=Certified; ☼ Indicates Plant Breeders Rights (PBR) protection under UPOV 1978 and ☼ protected or pending under UPOV 1991

Morden; Wilson, James M.	204-362-2449	C
Morris; L. A. Farms	204-746-2026	S F
Morris; Red River Seeds Ltd.	204-746-3059	R C
Navin; David G. James And James Farms Ltd.	204-222-8785	C
Newdale; Warehamdale Seeds Ltd.	204-849-2029	C
Niverville; Prairie Sky Crop Solutions.....	204-388-4303	C
Notre Dame De Lourdes; Durand Seeds Inc.....	204-248-2268	R
Notre Dame De Lourdes; Durand, Leo	204-723-0277	R
Oak Bank; Willowdale Seeds	204-801-0659	C
Oak Bluff; Gousseau, Marcel E.	204-981-6953	C
Oak River; J.S. Henry & Son Ltd.	204-566-2422	S F R C
Oakville; Miller Agritec Farm Inc.	204-267-2363	R C
Pilot Mound; Smith, Walter George & Schroeder, David	204-825-2212	R
Pilot Mound; Wallace, Joe	204-825-4543	C
Plum Coulee; Tri J. Farms.....	204-362-1789	S F R
Plumas; Court Seeds Ltd.	204-386-2354	F C
Plumas; Tonn Seeds.....	204-386-2206	S F R
Portage La Prairie; Askin, Raymond T. & Jeffrey S.	204-856-3483	R
Portage La Prairie; Sanderson, Garry	204-857-8406	R
Portage La Prairie; Sissons Farms Ltd.	204-857-7341	S F R
Reinland; Ens Farms Ltd.	204-325-4658	S F R C
Reston; Avondale Seed Farm Ltd.	204-877-3813	C
Rivers; Redsper Enterprises	204-328-5346	R C
Rosenort; Friesen Seeds Ltd.	204-746-8325	C
Rosser; Mulligan, Kenneth	204-799-7417	C
Russell; Keating Seed Farms Inc.	204-773-3854	R
Sanford; Bergen, Edward Harry & Tim	204-736-2285	S F R
Solsgirth; Nickel, James D. & John H. & Kevin J. & J. Gordon	204-842-3757	C
Somerset; Sierens, Joseph & Chris	204-744-2883	R
St Anne; Seine River Seed Farm	204-371-7700	C
St. Claude; Rouire, Roland & Guy	204-379-2582	C
St. Leon; Labossiere, Luc N. & Rejean F.	204-825-7249	C

SPRING WHEAT

S=Select; F=Foundation; R=Registered; C=Certified; ☼ Indicates Plant Breeders Rights (PBR) protection under UPOV 1978 and ☼ protected or pending under UPOV 1991.

Ste. Rose Du Lac; PNR Farms.....	204-447-2118	C
Stonewall; Unger Seed Farm Ltd.	204-467-8630	F C
Swan River; Badowski, Dennis.....	204-281-0668	C
Viriden; Heaman, Douglas J., Walter & Brittany.....	204-748-7666	R
Viriden; Hutch Ag	204-851-6157	C
Warren; Jones, Gavin R.	204-322-5604	R
Warren; Riddell Seed Co.	204-227-5679	F R
Wawanesa; Ellis Seeds	204-824-2290	C

AAC TISDALE☼

Dufrost; Catellier, Patrick Raymond.....	204-347-5503	C
Kenville; Carmichael Seed Farm Ltd.	204-734-8683	C
Swan River; Oberlin, George	204-734-2292	C

AAC VIEWFIELD☼

Arborg; Timchishen, Donald Victor & Darcy	204-641-1288	C
Domain; Manness, Ronald & Patricia & Graeme & Adeena	204-782-2173	R
Grandview; Triple S Seeds Ltd	204-638-2004	C
Plumas; Tonn Seeds.....	204-386-2206	R
Rosenort; Friesen, Lloyd	204-746-5751	R
Swan River; Alford, Wayne G.	204-734-2526	R

AAC WHEATLAND VB☼

Altona; Wiebe, Henry D. & Lloyd	204-324-7999	R
Baldur; Jeff Parsonage	204-535-2598	R
Binscarth; Cook, Gerry (Bar 6 Seeds)	204-532-2268	C
Binscarth; Inland Seed Corp.....	204-683-2316	C
Boissevain; Armstrong Seeds, Duncan T. & AJ.....	204-534-2566	C
Boissevain; Boissevain Select Seeds.....	204-534-6846	C
Brandon; Wheat City Seeds Ltd.	204-727-3337	R
Brandon; Whetter, Rodney & Darren.....	204-729-7059	S
Cromer; Bartel Seeds	204-662-4484	R
Dauphin; Kaleta, James & Debra	204-638-7800	C
Decker; MFI Seed.....	204-764-0366	S F R

AAC GATEWAY Winter Wheat

Gamechanger



AAC GATEWAY

- ✓ Consistent Yields
- ✓ High Protein
- ✓ Best Lodging
- ✓ Shorter
- ✓ Less Fusarium
- ✓ Medium Maturity

AAC Gateway



The New Gold Standard in Quality and Agronomics for Winter Wheat

Purchase certified Gateway seed from one of our authorized dealers to ensure you have high quality, legally obtained seed.

Avondale Seed Farm	204-877-3813	James Farms	204-222-8785	Riddell Seed	204-227-5679
Bergen Seed Farm	204-736-2278	Jeffries Seed Service	204-827-2102	RJP Seed	204-745-3304
Boissevain Select Seeds	204-534-6846	Lachance Seeds	204-353-2694	Rutherford Farms	204-467-5613
Catellier Seed Service	204-347-5588	LD Seeds	204-324-5798	R-Way Ag	866-398-9643
Clearview Acres	204-748-2666	Manness Seeds	204-736-2622	Seine River Seed Farm	204-355-4495
Court Seeds	204-386-2354	MB Seeds	204-746-4652	Southern Seed	204-776-2333
Durand Seeds	204-248-2268	Miller Agritec	204-267-2363	Timchishen Seeds	204-376-5116
Friesen Seeds	204-746-8325	New Gen Seed Service	204-274-2417	Unger Seed Farm	204-467-8630
Gerrard Family Seeds	204-365-0321	Pitura Seed Service	204-736-2849	Wheat City Seeds	204-727-3337
Hulme Agra Products	204-685-2627	Red River Seeds	204-746-4779	Wilson Seeds	204-246-2119

SPRING WHEAT

S=Select; F=Foundation; R=Registered; C=Certified; ☼ Indicates Plant Breeders Rights (PBR) protection under UPOV 1978 and ☼ protected or pending under UPOV 1991.

Elphinstone; Gerrard, Jody.....	204-365-0321	R
Foxwarren; George Graham Seed Farms Ltd.....	204-773-6389	C
Foxwarren; West-Fox Farms.....	204-683-2247	R C
Gilbert Plains; T & S Seeds.....	204-548-2805	C
Grandview; Triple S Seeds Ltd.....	204-638-2004	R C
Kenton; Stevenson, Richard D.O. & Douglas.....	204-838-2696	R
Kenton; Stevenson, Robert H. & Sidney H.....	204-838-2012	R
Kenville; Carmichael Seed Farm Ltd.....	204-734-8683	R
Killarney; Chatham, Don, Linda & Cody.....	204-523-8412	C
Manitou; Sanders Seed Farm.....	204-242-4200	R
Mather; Mc Lennan, Donald D.....	204-529-2372	C
Miniota; Walkers Seed Services.....	204-748-7264	R C
Minto; Fraser Seeds Ltd.....	204-776-2047	F R
Oak River; J.S.Henry & Son Ltd.....	204-566-2422	S F R
Pilot Mound; Smith, Walter George & Schroeder, David.....	204-825-2212	C
Rivers; Krahn, Ronald J. & Robert A.....	204-3	R
Russell; Keating Seed Farms Inc.....	204-773-3854	C
Solsgirth; Nickel, James D. & John H. & Kevin J. & J.Gordon.....	204-842-3757	C
Souris; David Kohut Ltd.....	204-483-3063	C
St. Leon; Labossiere, Luc N. & Rejean F.....	204-825-7249	C
Swan River; Badowski, Dennis.....	204-281-0668	C
Treherne; Stinson Seeds.....	204-526-5351	C
Wawanesa; Ellis Seeds.....	204-824-2290	F R

ACCELERATE☼

Dauphin; Kaleta, James & Debra.....	204-638-7800	R C
Killarney; Chatham, Don, Linda & Cody.....	204-523-8412	R C
Morris; L. A. Farms.....	204-746-2026	S R
Pilot Mound; Wallace, Joe.....	204-825-4543	C

BOLLES☼

Grandview; Triple S Seeds Ltd.....		C
Kenton; Stevenson, Robert H. & Sidney H.....	204-838-2012	C
Newdale; Warehamdale Seeds Ltd.....	204-849-2029	C
Oak Bank; Willowdale Seeds.....	204-801-0659	C
Plumas; Court Seeds Ltd.....	204-386-2354	C
Portage La Prairie; Pugh Seeds Ltd.....	204-871-1467	R C
Russell; Keating Seed Farms Inc.....	204-773-3854	C
Solsgirth; Nickel, James D. & John H. & Kevin J. & J.Gordon.....	204-842-3757	C
Ste. Rose Du Lac; PNR Farms.....	204-447-2118	C
Virden; Heaman, Douglas J., Walter & Brittany.....	204-748-7666	C

CARDALE☼

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

CDC LANDMARK VB☼

Hamiota; Knight, Ronald M. & Jeff.....	204-764-2450	C
Swan River; Alford, Wayne G.....	204-734-2526	R C

CDC SKRUSH☼

Boissevain; Boissevain Select Seeds.....	204-534-6846	S F
Carman; Ulrich & Monika Menold Ltd.....	204-745-2822	F C
Homewood; Agassiz Seed Farm.....	204-745-6655	F C
Notre Dame De Lourdes; Durand Seeds Inc.....	204-248-2268	C
Notre Dame De Lourdes; Durand, Leo.....	204-723-0277	S F
Plumas; Court Seeds Ltd.....	204-386-2354	C
Portage La Prairie; Pugh Seeds Ltd.....	204-871-1467	C
St. Leon; Labossiere, Luc N. & Rejean F.....	204-825-7249	S

CDN BISON

Portage La Prairie; Fauschou, David & Glenn D.....	204-327-5725	S F C
--	--------------	-------

DAYBREAK☼

Dauphin; Fisher Farms Ltd.....	204-622-8800	R
Domain; Pitura, Carl & Calvin C. & Connor J. & Greaves, Tom.....	204-736-2849	S F R
Hazelridge; Saramaga, Robert P. & Andrew.....	204-771-0951	R
Oak Bank; Willowdale Seeds.....	204-801-0659	R
Rosenort; Friesen Seeds Ltd.....	204-746-8325	C

ELLERSLIE☼

Swan River; Oberlin, George.....	204-734-2292	C
----------------------------------	--------------	---

SPRING WHEAT

S=Select; F=Foundation; R=Registered; C=Certified; ☼ Indicates Plant Breeders Rights (PBR) protection under UPOV 1978 and ☼ protected or pending under UPOV 1991.

FALLER

Darlingford; Morrow, Graham.....	204-362-8986	C
Decker; MFI Seed.....	204-764-0366	C
Domain; Pitura, Carl & Calvin C. & Connor J. & Greaves, Tom.....	204-736-2849	C
Grosse Isle; Rutherford Farms Ltd.....	204-467-5613	C
Mac Gregor; Hulme, Lorne & Jared.....	204-685-2627	C
Oak River; J.S.Henry & Son Ltd.....	204-566-2422	C
Oakville; Miller Agritec Farm Inc.....	204-267-2363	C
Pilot Mound; Smith, Walter George & Schroeder, David.....	204-825-2212	C
Plum Coulee; Tri J. Farms.....	204-362-1789	C
Rosenort; Friesen Seeds Ltd.....	204-746-8325	C
St Anne; Seine River Seed Farm.....	204-371-7700	C

PROSPER☼

Grosse Isle; Rutherford Farms Ltd.....	204-467-5613	C
Pilot Mound; Smith, Walter George & Schroeder, David.....	204-825-2212	C

RESOLVE☼

Virden; Heaman, Douglas J., Walter & Brittany.....	204-748-7666	R
--	--------------	---

SHELLY☼

Navin; David G. James And James Farms Ltd.....	204-222-8785	C
Plum Coulee; Tri J. Farms.....	204-362-1789	C

SY DONALD VB☼

Dauphin; Kaleta, James & Debra.....	204-638-7800	S
Grandview; Triple S Seeds Ltd.....	204-638-2004	S

SY GABBRO☼

Fannystelle; Nadeau, Brian.....	204-436-2469	R
---------------------------------	--------------	---

SY MANNESS☼

Altona; Wiebe, Henry D. & Lloyd.....	204-324-7999	S F
Arborg; Timchishen, Donald Victor & Darcy.....	204-641-1288	S F
Domain; Manness, Ronald & Patricia & Graeme & Adeena.....	204-782-2173	F
Rosenort; Friesen Seeds Ltd.....	204-746-8325	S
Swan River; Alford, Wayne G.....	204-734-2526	S F

SY ROWYN☼

Domain; Pitura, Carl & Calvin C. & Connor J. & Greaves, Tom.....	204-736-2849	C
Rosenort; Friesen Seeds Ltd.....	204-746-8325	C

SY TORACH☼

Holland; Kubinec, Anastasia.....	204-526-2776	C
Notre Dame De Lourdes; Durand Seeds Inc.....	204-248-2268	R
Sanford; Bergen, Edward Harry & Tim.....	204-736-2284	C
Virden; Heaman, Douglas J., Walter & Brittany.....	204-748-7666	C

WPB WHISTLER☼

Rivers; Redsper Enterprises.....	204-328-5346	R
----------------------------------	--------------	---

WINTER WHEAT

AAC GOLDRUSH☼

Grosse Isle; Rutherford Farms Ltd.....	204-467-5613	C
--	--------------	---

AAC VORTEX☼

Grosse Isle; Rutherford Farms Ltd.....	204-467-5613	S
--	--------------	---

AAC WILDFIRE☼

Plumas; Court Seeds Ltd.....	204-386-2354	C
Plumas; Tonn Seeds.....	204-386-2206	C
Reston; Avondale Seed Farm Ltd.....	204-877-3813	R C

EMERSON☼

Domain; Pitura, Carl & Calvin C. & Connor J. & Greaves, Tom.....	204-736-2849	C
St Anne; Seine River Seed Farm.....	204-371-7700	C

Oilseed Crops

Variety Description Key

A "CHECK CHARACTERISTICS" box is at the bottom of each table for soybean and sunflower to display the long term yield, # of site years, maturity and any other check attributes.

The grey box has been placed at the bottom of each table for canola and flax displaying the "GRAND MEAN" for Yield (bu/acre) and the corresponding LSD value ($p < 0.05$).

Except for the long-term average yield, variety description information was obtained from the Co-operative Registration Trials. For Relative Maturity, actual number of days will depend on local climatic conditions and to some extent on management practices.

"Resistance Level" ratings: HS = highly susceptible; S = susceptible; MS = moderately susceptible; MR = moderately resistant; R = resistant; '-' = not available.

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

© Indicates a variety that is protected by Plant Breeder's Rights legislation that complies with UPOV 1978.

© Indicates a variety that is protected by, or has been applied for and is pending, Plant Breeder's Rights legislation that complies with UPOV 1991.

Key to 2021 Yield Tables

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 & Soybean Comments

For specific notes regarding the canola tables, refer to the CANOLA PERFORMANCE TRIALS DATA and CANOLA COMMENTS at the top of those respective pages.

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





3 SEASONS FOR ME. GENERATIONS FOR MY NAME. BUT THE LEARNING NEVER STOPS.

DEKALB® TRUFLEX™ CANOLA WITH ROUNDUP READY® AND LIBERTYLINK® TECHNOLOGIES HELPS YOU START STRONGER AND CONTROL BETTER.

At Bayer, every obstacle is a chance to learn. And to do better. We learn from the past, but don't live there. We focus on innovation every day. We help farmers with advanced canola hybrids that offer the flexibility to choose the right herbicide for each field. And enhanced pod integrity ensures clean straight cutting. So, for an easier, faster, smoother harvest, choose DEKALB. Plus, with the undeniably powerful flea beetle protection of BUTED™ start seed treatment, you can be sure that DEKALB canola really is, the seed for every season.

THE SEED FOR EVERY SEASON



DEKALB.ca | [1888-283-6847](tel:1888-283-6847) | [@DEKALB_Canada](https://twitter.com/DEKALB_Canada) | [@Bayer4CropsCA](https://twitter.com/Bayer4CropsCA) | [#AskBayerCrop](https://twitter.com/AskBayerCrop)



Bayer is a member of Excellence Through Stewardship® (ETS). Bayer products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with Bayer's Policy for Commercialization of Biotechnology-Derived Plant Products in Commodity Crops. These products have been approved for import into key export markets with functioning regulatory systems. Any crop or material produced from these products can only be exported to, or used, processed or sold in countries where all necessary regulatory approvals have been granted. It is a violation of national and international law to move material containing biotech traits across boundaries into nations where import is not permitted. Growers should talk to their grain handler or product purchaser to confirm their buying position for these products. Excellence Through Stewardship® is a registered trademark of Excellence Through Stewardship.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Ready® Technology contains genes that confer tolerance to glyphosate. LibertyLink® Technology contains genes that confer tolerance to glufosinate. Glyphosate will kill crops that are not tolerant to glyphosate. Glufosinate will kill crops that are not tolerant to glufosinate. Bayer, Bayer Cross, BUTED™, DEKALB and Design®, DEKALB®, Roundup Ready® and TruFlex™ are trademarks of Bayer Group. Used under license. LibertyLink® is a registered trademark of BASF. Used under license. Bayer CropScience Inc. is a member of CropLife Canada. ©2021 Bayer Group. All rights reserved.

Manitoba Agriculture Variety Guide

STANDARD (SWATHED) CANOLA

Canola Performance Trial Data:

All canola testing sites are divided into long, mid, and short-season zones. Only mid- and long-season zones apply to Manitoba.

All variety yields compared as a percentage of the the check, 45CM39. To maintain trial consistency, and reduce risk of clubroot affecting yield trials, the check variety is now a clubroot-resistant hybrid.

Canola yield trials are split into two categories: Standard Canola for traditionally swathed canola varieties, and Straight-Cut Canola on page 56 for varieties marketed with pod-shatter tolerance.

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

Comments:

Variety descriptions summarize the performance of varieties tested in the 2021 Canola Performance Trials (CPT). Data donated by the CPT Committee. For more information visit www.canolaperformancetrials.ca.

All varieties in the table below have a resistant (R) rating for Blackleg. Lesions and yield loss can still occur, based on the level of inoculum, blackleg pathotype in the field, in combination with environmental conditions conducive for disease development.

Clubroot is a long-lived soil-borne disease that can impact canola performance. Using clubroot resistant varieties in Rural Municipalities where clubroot has been found is highly recommended as a risk mitigation tool. To know for sure if your own fields have clubroot, soil testing is the only way to find out, prior to finding galls in the fields. See page 59 for the map indicating clubroot distribution in Manitoba.

Lodging score are rated on a 1 to 5 scale, where 5 is a completely lodged plant at harvest. In 2021, many sites did not exhibit any lodging pressure to differentiate hybrid performance.

Variety Description

Distributor	Name	LONG Season Zone (5 sites) ²				MID Season Zone (6 sites) ²				Disease ³ Resistance	Pod-Shatter Tolerance
		Yield (%45CM39)	Yield (bu/ac)	Maturity (Days)	Lodging (1-5)	Yield (%45CM39)	Yield (bu/ac)	Maturity (Days)	Lodging (1-5)		
Clearfield											
BREVANT seeds	2028 CL ¹	81	40	91	1.6	102	46	89	1.4	BL/CR	N
BrettYoung	BY 5125CL	95	46	87	2.3	109	49	86	1.8	BL/CR	N
CANTERRA SEEDS	CS2700 CL	83	41	89	1.5	102	46	87	1.3	BL/CR	N
Pioneer Hi-Bred	P502CL	100	49	83	2.8	109	49	81	2.3	BL	N
LSD		8	4			16	7				
Liberty Link											
BREVANT seeds	B3011	95	47	90	2.1	109	49	91	2.3	BL/CR	N
WinField United CROPLAN	CP21L3C	97	47	90	2.0	115	51	90	2.6	BL/CR	N
Pioneer Hi-Bred	P501L	98	48	91	2.0	114	51	93	2.1	BL/CR	N
Proven Seed	PV 680 LC	99	48	94	1.6	112	50	95	1.9	BL/CR	N
Proven Seed	PV 681 LC	93	45	90	2.3	108	48	91	2.8	BL/CR	N
LSD		12	6			9	4				
Roundup Ready											
BREVANT seeds	1028 RR ¹	91	45	93	1.6	102	45	95	2.1	BL/CR	N
Pioneer Hi-Bred	45CM39	100	49	92	2.1	100	45	95	2.5	BL/CR	Y
Pioneer Hi-Bred	45CS40	95	47	91	1.8	107	47	93	2.4	BL/CR/S	N
CANTERRA SEEDS	CS2300	95	47	94	1.1	109	48	95	2.0	BL	N
LSD		11	5			9	4				
TruFlex											
BrettYoung	BY 6204TF	97	48	91	2.0	110	49	93	2.2	BL/CR	N
BrettYoung	BY 6207TF	90	44	95	1.0	105	47	97	1.6	BL/CR	N
DEKALB	DKTF 98 CR	93	45	91	2.0	103	46	92	2.2	BL/CR	N
LSD		13	6			12	5				
CHECK MEAN 45CM39 (bu/ac)		49	49			45	45				

1 Indicates varieties with specialty oil profiles and premiums associated with pricing.

2 Clearfield hybrids tested at two Long Season and two Mid Season Manitoba sites only.

3 Genetic disease resistance is indicated with an "R" or "MR" resistant rating to BL=Blackleg, CR=Clubroot, and "S" = improved tolerance to sclerotinia, based on variety descriptions submitted to CFIA.

STANDARD CANOLA (continued)

Yield Comparisons

		LONG SEASON ZONE					MID SEASON ZONE					
Distributor	Name	Lethbridge, AB (IRR)	Outlook, SK (IRR)	Souris, MB	Swift Current, SK	Thornhill, MB	Fort Saskatchewan, AB	Hamiota, MB	Kamsack, SK	Killam, AB	North Battleford, SK	Swan River, MB
Clearfield												
BREVANT seeds	2028 CL ¹	—	—	86	—	92	—	92	—	—	—	94
BrettYoung	BY 5125CL	—	—	108	—	94	—	102	—	—	—	98
CANTERRA SEEDS	CS2700 CL	—	—	84	—	105	—	94	—	—	—	93
Pioneer Hi-Bred	P502CL	—	—	109	—	111	—	112	—	—	—	91
	LSD (%)	—	—	7	—	10	—	19	—	—	—	12
Liberty Link												
BREVANT seeds	B3011	88	84	101	119	107	133	115	111	112	108	89
WinField United CROPLAN	CP21L3C	91	88	99	115	111	132	125	114	114	113	103
Pioneer Hi-Bred	P501L	93	96	93	116	108	150	120	116	109	115	96
Proven Seed	PV 680 LC	82	107	103	110	98	121	121	116	112	113	96
Proven Seed	PV 681 LC	85	79	104	101	112	111	118	107	119	110	90
	LSD (%)	20	7	11	11	9	14	14	10	7	7	7
Roundup Ready												
BREVANT seeds	1028 RR ¹	87	105	81	90	91	96	107	104	103	107	95
Pioneer Hi-Bred	45CM39	100	100	100	100	100	100	100	100	100	100	100
Pioneer Hi-Bred	45CS40	93	96	98	96	93	122	106	105	107	105	100
CANTERRA SEEDS	CS2300	92	101	94	97	88	122	101	120	104	115	97
	LSD (%)	13	12	8	15	9	12	16	7	8	8	7
TruFlex												
BrettYoung	BY 6204TF	92	91	112	89	97	116	110	122	118	106	92
BrettYoung	BY 6207TF	88	100	96	103	45	106	105	121	99	108	93
DEKALB	DKTF 98 CR	87	89	101	93	96	125	114	118	100	95	82
	LSD (%)	27	9	4	15	10	15	9	12	9	15	11
CHECK MEAN 45CM39 (bu/ac)		61	69	61	25	29	30	39	49	47	44	58
GRAND MEAN (bu/ac)		55	66	60	25	28	36	43	56	51	47	55
CV %		14.3	7.3	5.6	10.3	10.4	9.2	10.8	7.0	6.8	6.0	6.4

¹ Indicates varieties with specialty oil profiles and premiums associated with pricing.

WEIGH YOUR OPTIONS

- Your Storage Costs
- Your Quality and Purity Testing Costs
- Your Lost Market Potential
- Your Risk
- Traceability
- Market Access
- Quality Assurance
- Yield Potential
- Risk Management



**FARMSAVED
SEED**



**CERTIFIED
SEED**



STRAIGHT-CUT CANOLA

Comments:

Variety descriptions summarize the performance of varieties tested in the 2021 Canola Performance Trials (CPT). Data donated by the CPT Committee. For more information visit www.canolaperformancetrials.ca.

Most varieties in the table below have a resistant (R) rating for Blackleg. Lesions and yield loss can still occur, based on the level of incoulum, blackleg pathotype in the field, in combination with environmental conditions conducive for disease development.

Clubroot is a long-lived soil-borne disease that can impact canola performance. Using clubroot resistant varieties in Rural Municipalities where clubroot has been found is highly recommended as a risk mitigation tool. Soil testing is the only way to determine clubroot presence, prior to finding galls in the fields. See page 59 for the map indicating clubroot distribution in Manitoba.

Lodging scores are rated on a 1 to 5 scale, where 5 is a completely lodged plant at harvest. In 2021, many sites did not exhibit any lodging pressure to differentiate hybrid performance.

No industry standard exists for pod-shatter tolerance ratings. Contact your seed distributor for details on how a specific variety performs.

Variety Description

Distributor	Name	LONG Season Zone (6 sites)				MID Season Zone 7 sites)				Disease ² Resistance	Pod-Shatter Resistance
		Yield (%45CM39)	Yield (bu/ac)	Maturity (Days)	Lodging (1-5)	Yield (%45CM39)	Yield (bu/ac)	Maturity (Days)	Lodging (1-5)		
	Liberty Link										
CANTERRA SEEDS	CS4000LL	110	48	89	2.1	110	49	94	3.4	BL/CR	Y
DEKALB	DKLL 82 SC	102	45	88	2.0	100	45	92	3.2	BL	Y
DEKALB	DKTFLL 21 SC ¹	108	47	87	1.7	100	45	90	3.2	BL	Y
BREVANT seeds	B3010M	107	47	90	1.6	103	46	94	2.4	BL/CR	Y
BASF InVigor	L233P	115	51	88	1.9	115	52	90	2.5	BL	Y
BASF InVigor	L255PC	120	53	91	1.4	121	54	94	1.8	BL/CR	Y
BASF InVigor	L340PC	125	55	88	1.4	121	54	91	2.1	BL/CR	Y
BASF InVigor	L345PC	130	57	88	1.6	124	56	92	2.4	BL/CR	Y
BASF InVigor	L357P	117	52	90	1.7	123	55	94	2.3	BL	Y
Pioneer Hi-Bred	P506ML	108	48	88	2.2	109	49	92	2.7	BL/CR	Y
	LSD	14	6			11	5				
	Roundup Ready										
Pioneer Hi-Bred	45CM39	100	44	91	1.8	100	45	96	2.5	BL/CR	Y
BREVANT seeds	D3158CM	102	45	89	1.7	106	47	94	2.6	BL/CR	Y
	LSD	21	9			6	3				
	TruFlex										
BrettYoung	BY 6211TF	105	46	89	1.5	110	49	95	3.0	BL	Y
WinField United CROPLAN	CP21T3P	101	45	90	1.6	107	48	96	3.1	BL	Y
CANTERRA SEEDS	CS2600 CR-T	109	48	88	1.8	106	47	93	3.3	BL/CR	Y
DEKALB	DKTF 96 SC	96	42	91	1.4	105	47	96	2.0	BL	Y
DEKALB	DKTF 97 CRSC	105	46	89	1.5	104	47	94	2.6	BL/CR	Y
DEKALB	DKTF 99 SC	114	50	89	1.6	115	52	94	2.9	BL	Y
Proven Seed	PV 761 TM	98	43	90	1.6	99	45	96	2.5	BL	Y
	LSD	11	5			11	5				
CHECK MEAN 45CM39 (bu/ac)		44	44			45	45				

¹ Indicates varieties with glyphosate and glufosinate herbicide tolerance.

² Genetic disease resistance is indicated with an "R" or "MR" resistant rating to BL=Blackleg, CR=Clubroot, and "S" = improved tolerance to sclerotinia, as based on variety descriptions submitted to CFIA

Yield Comparisons

		2021 Yield (% 45CM39)												
		LONG SEASON ZONE						MID SEASON ZONE						
Distributor	Name	High Bluff, MB	Lethbridge, AB (IRR)	Outlook, SK (IRR)	Souris, MB	Swift Current, SK	Thornhill, MB	Dauphin, MB	Fort Saskatchewan, AB	Kamsack, SK	Killam, AB	North Battleford, SK	Roblin, MB	Swan River, MB
	Liberty Link													
CANTERRA SEEDS	CS4000LL	143	95	106	106	113	139	89	141	118	108	110	110	99
DEKALB	DKLL 82 SC	125	85	92	103	126	134	89	124	86	107	97	104	102
DEKALB	DKTFLL 21 SC ¹	132	89	104	100	120	155	108	121	81	96	98	98	104
BREVANT seeds	B3010M	144	98	95	101	123	138	93	123	110	93	106	98	104
BASF InVigor	L233P	171	95	109	105	145	138	98	132	117	124	110	117	111
BASF InVigor	L255PC	197	110	106	100	140	156	91	146	129	132	115	116	119
BASF InVigor	L340PC	210	97	119	115	150	145	117	132	129	126	118	119	111
BASF InVigor	L345PC	221	111	115	116	146	166	105	166	132	120	120	120	120
BASF InVigor	L357P	190	104	111	105	126	134	73	142	149	130	131	118	116
Pioneer Hi-Bred	P506ML	154	83	74	103	129	139	93	139	117	100	105	112	104
	LSD (%)	20	18	13	9	15	12	15	12	9	13	9	9	10
	Roundup Ready													
Pioneer Hi-Bred	45CM39	100	100	100	100	100	100	100	100	100	100	100	100	100
BREVANT seeds	D3158CM	125	90	110	96	100	103	105	122	114	101	102	103	99
	LSD (%)	49	30	11	14	16	30	6	5	4	6	10	2	10
	TruFlex													
BrettYoung	BY 6211TF	119	101	100	101	105	131	117	134	106	119	108	102	97
WinField United CROPLAN	CP21T3P	128	92	102	96	94	128	112	121	104	118	111	97	96
CANTERRA SEEDS	CS2600 CR-T	120	99	111	104	114	122	103	133	110	105	109	105	89
DEKALB	DKTF 96 SC	107	97	104	85	102	82	73	140	115	115	111	91	96
DEKALB	DKTF 97 CRSC	132	103	102	97	105	121	98	121	108	108	102	95	103
DEKALB	DKTF 99 SC	140	107	114	98	115	156	118	148	111	116	113	110	105
Proven Seed	PV 761 TM	108	91	105	96	97	99	84	100	112	105	110	93	91
	LSD (%)	22	12	6	8	17	12	14	10	11	15	7	12	9
CHECK MEAN 45CM39 (bu/ac)		20	62	72	62	26		36	29	44	47	50	52	54
GRAND MEAN (bu/ac)		30	60	76	63	31		36	38	50	53	54	55	56
CV %		11.0	13.3	7.2	6.7	13.0		14.6	13.0	6.6	8.3	5.3	6.5	6.7

1 Indicates varieties with glufosinate and glyphosate herbicide tolerance. Visit www.canolaperformancetrials.ca for more details

CLUBROOT RESISTANT CANOLA VARIETY LISTING

Comments:

No yield trials were conducted for the canola varieties in the following table. This listing is provided for your information only.

No industry standard exists for pod-shatter tolerance ratings. Contact your seed distributor for details on how a specific variety performs.

Clubroot:

Clubroot resistance is generally termed 1st or 2nd Generation based on genetic source. First-generation clubroot resistance confers resistance to clubroot pathotypes 2F 3H, 5I, 6M, and 8N, on the Canadian Clubroot Differential Set (Strelkov et al., 2018).

Second-generation sources contain resistance to a varying set of pathotypes outside the original five first-generation pathotypes, but may also have resistance to the original five.

Blackleg:

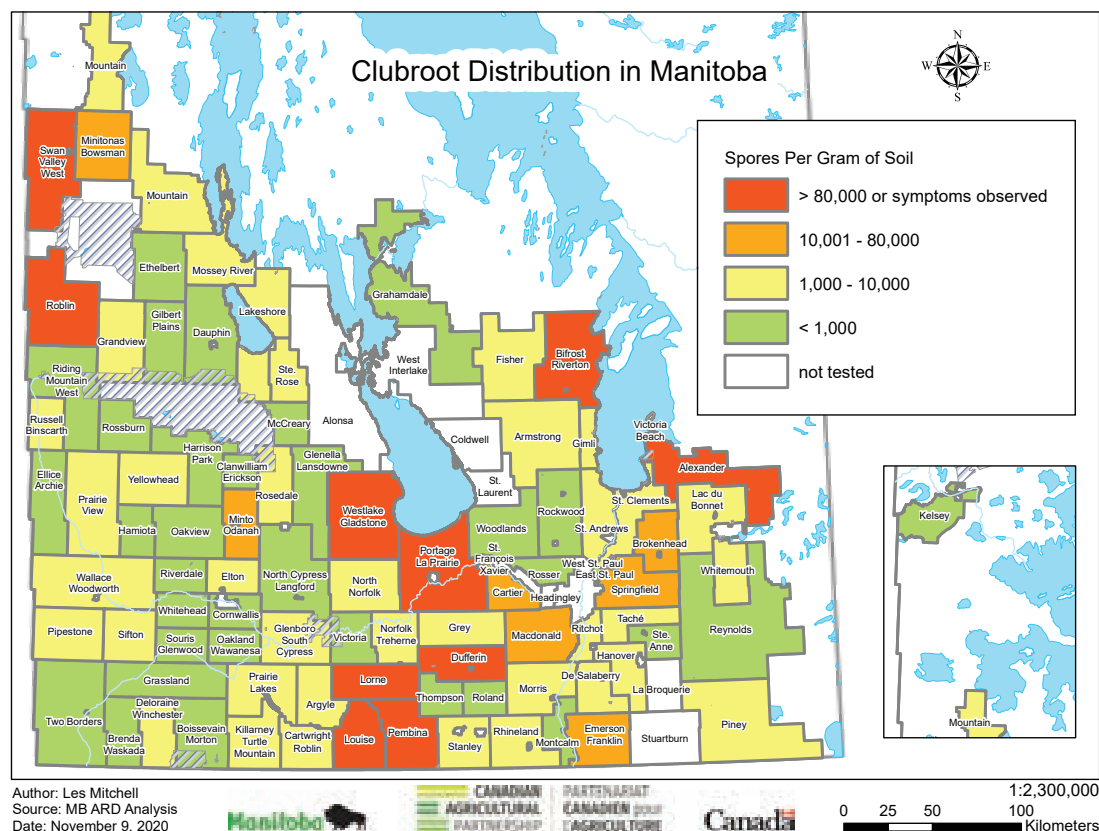
All varieties listed here are resistant to blackleg (<30% infection of Westar check). Some seed distributors have chosen to provide backleg resistance grouping based on major-gene (qualitative) resistance within that variety. Quantitative (minor-gene) resistance remains an important factor.

Visit www.blackleg.ca for details on how resistance groups work.

Distributor	Hybrid	Herbicide Tolerance ¹	Clubroot Resistance		Blackleg Resistance		Pod Shatter Tolerance
			Resistance Rating	Resistance Generation ²	Resistance Rating	Resistance Group	
BASF - InVigor	L241C	LL	R	1	R		
BASF - InVigor	L234PC	LL	R	1+2	R		Yes
BASF - InVigor	L255PC	LL	R	1	R		Yes
BASF - InVigor	L258HPC	LL	R	1	R		Yes
BASF - InVigor	L340PC	LL	R	1	R		Yes
BASF - InVigor	L343PC	LL	R	1+2	R		Yes
BASF - InVigor	LR344PC	LL/TF	R	1	R		Yes
BASF - InVigor	L345PC	LL	R	1	R		Yes
BASF - InVigor	L352C	LL	R	1	R		
BASF - InVigor	L356PC	LL	R	1	R		Yes
BrettYoung	6076 CR	RR	R	1+2	R	CE1	
BrettYoung	6090 RR	RR	R	1	R	CE1	
BrettYoung	BY 5105CL	CL	R	1	R	C	
BrettYoung	BY 5125CL	CL	R	1	R	CE1	
BrettYoung	BY 6204TF	TF	R	1	R	CE1	
BrettYoung	BY 6207TF	TF	R	1+2	R	C	
BREVANT seeds	1028 RR	RR	R	1	R		
BREVANT seeds	2028 CL	CL	R	1	R		
BREVANT seeds	B1030N	RR	R	1	R		
BREVANT seeds	B3010M	LL	R	1+2	R		Yes
BREVANT seeds	B3011	LL	R	1	R		
BREVANT seeds	B2030MN	CL	R	1	R		Yes
BREVANT seeds	D3157C	RR	R	1	R		
BREVANT seeds	D3158CM	RR	R	1	R		Yes
Cargill - VICTORY	V14-1	RR	R	1	R	CE1	
Cargill - VICTORY	V24-1	RR	R	1	R	CE1	
Cargill - VICTORY	V25-3T	TF	R	1	R	BCE1	
Cargill - VICTORY	V25-5T	TF	R	1	R	BCE1	
CANTERRA SEEDS	CS2000	RR	R	1	R	CE1	
CANTERRA SEEDS	CS2600 CR-T	TF	R	1+2	R	C	Yes
CANTERRA SEEDS	CS2700 CL	CL	R	2	R	AE2	
CANTERRA SEEDS	CS3000 TF	TF	R	1+2	R	AG	Yes
CANTERRA SEEDS	CS4000 LL	LL	R	1	R		Yes
DEKALB	75-42 CR	RR	R	1	R	AC	
DEKALB	DKTFLL 22 CRSC	LL/TF	R	1+2	R	AG	Yes
DEKALB	DKLL 84 CRSC	LL	R	1+2	R		Yes
DEKALB	DKTF 97 CRSC	TF	R	1	R	AG	Yes
DEKALB	DKTF 98 CR	TF	R	1	R	AC	
Pioneer Hi-Bred	44H44	RR	R	1	R		
Pioneer Hi-Bred	45CM39	RR	R	1+2	R		Yes
Pioneer Hi-Bred	45CS40	RR	R	1	R		
Pioneer Hi-Bred	45H37	RR	R	1	R		
Pioneer Hi-Bred	45H42	RR	R	1	R		
Pioneer Hi-Bred	P501L	LL	R	1	R		
Pioneer Hi-Bred	P505MSL	LL	R	1	R		Yes
Pioneer Hi-Bred	P506ML	LL	R	1	R		Yes
Pioneer Hi-Bred	P509L	LL	R	1	R		
Pioneer Hi-Bred	P607CL	CL	R	1	R		Yes
NuSeed	NC527CR TF	TF	R	1+2	R		
Proven Seed	PV 581 GC	RR	R	1	R		
Proven Seed	PV 585 GC	RR	R	1	R		
Proven Seed	PV 591 GCS	RR	R	1	R		
Proven Seed	PV 660 LCM	LL	R	1	R		Yes
Proven Seed	PV 680 LC	LL	R	1	R		
Proven Seed	PV 681 LC	LL	R	1	R		
Proven Seed	PV 780 TC	TF	R	1	R		
WinField United/CROPLAN	CP19R1C	RR	R	1	R	C	
WinField United/CROPLAN	CP20R3C	RR	R	1+2	R	CX	
WinField United/CROPLAN	CP21L3C	LL	R	1	R		

1 Herbicide tolerance trait, LL = Liberty Link, RR = Roundup Ready, TF = TruFlex Roundup Ready, CL = Clearfield Herbicide System

2 Second-generation (or next-generation) clubroot genetic resistance may demonstrate an enhanced resistance to certain clubroot pathotypes.



Clubroot Spore Concentration Map

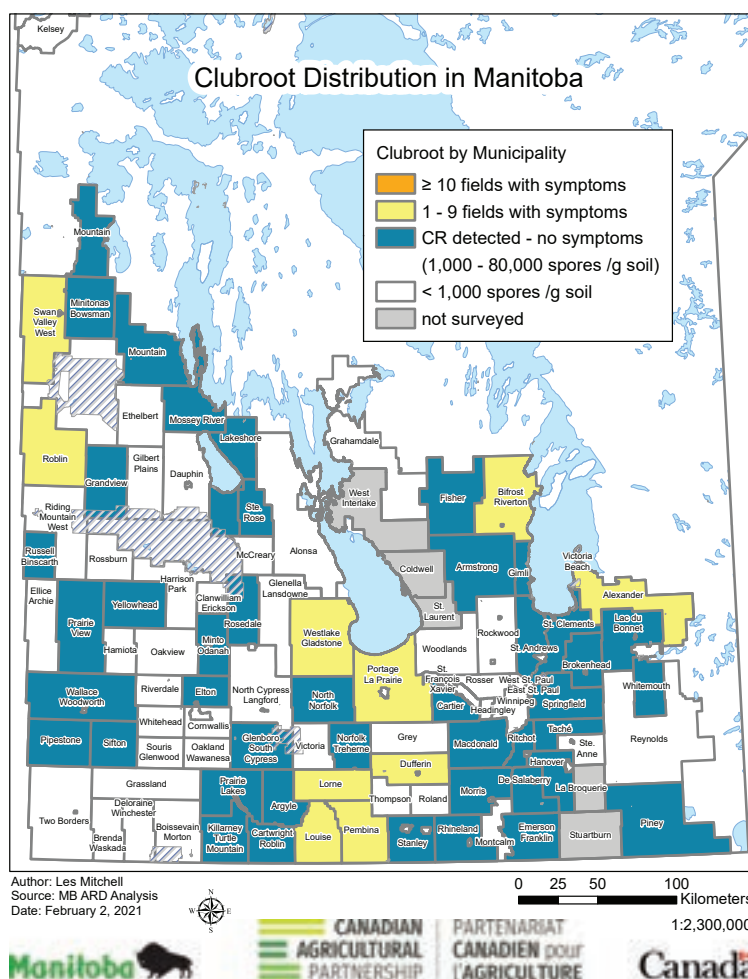
October 2021

The map above shows positive clubroot findings by Rural Municipality (RM), discovered through visual field symptoms and/or presence of clubroot spores in soil through laboratory testing for DNA. Testing completed from 2009 to present is still considered limited, in that only one field per township (36 square miles) was tested as a representative field to create the map. Positive findings have been at low concentrations, usually below 5,000 spores/gram soil (an amount considered negligible), throughout the province. Currently there are 56 RMs in the low (yellow) to high (red) risk categories. As more fields are sampled, the map is updated.

Prairie-Harmonized Clubroot Distribution Map

October 2021

This alternative depiction (see map to the right) of clubroot distribution situation in Manitoba is based on the same data as the clubroot spore concentration map shown above. How do the two maps differ? Primarily in the number of categories. Another difference is that the alternative map identifies how many fields within an RM have had documented symptomatic cases (galls on canola roots), rather than the number of clubroot spores detected in the soil. Thus far, no Manitoba RMs have had 10 or more fields identified. This map is useful for those who farm and/or advise growers on either side of the Manitoba-Saskatchewan border. The Ministry of Agriculture in Saskatchewan posted this style of map early in 2021. Eventually, it will be possible for the release of a map that covers the whole prairie region, including Manitoba, Saskatchewan, Alberta, and the BC Peace River region.



FLAX

New for 2022

Variety	Code	Breeder	Distributor	Seed Availability
CDC Rowland	FP2513	Crop Development Centre	SeCan	2022
CDC Kernen	FP2573	Crop Development Centre	SeCan	2023

Comments:

All variety descriptions other than yield are based on data from the Flax Cooperative Trials in the Prairie Provinces.

All varieties are immune to rust.

All varieties are susceptible to pasmo.

Variety Descriptions

Variety	Site Years Tested	Yield bu/acre	Maturity +/- 102 days	Height +/- 68 cm	Seed Color	Seed Size TSW	Oil Content	Oil Quality ¹ :		Resistance Level:	
								Iodine Number	ALA Content	Lodging ²	Fusarium Wilt
AAC Bravo	30	33	1	0	brown	6.4	44.6	194.0	60.2	G	MR
AAC Bright	6	34	2	0	yellow	5.6	48.8	192.1	56.2	G	MR
AAC Marvelous	19	35	2	0	brown	5.8	47.1	192.1	55.8	G	MR
CDC Bethune	129	34	0	0	brown	5.8	45.6	188.6	54.7	G	MR
CDC Dorado	14	32	-1	-5	yellow	5.9	46.6	206.6	65.8	FG	MR
CDC Glas	32	35	1	3	brown	5.2	45.8	192.0	56.6	G	MR
CDC Kernen	8	35	1	0	brown	6.5	45.4	191.6	57.3	VG	MR
CDC Neela	24	34	1	3	brown	5.7	45.5	194.4	59.1	G	MR
CDC Plava	21	34	-2	-3	brown	5.7	46.5	195.5	57.2	G	MR
CDC Rowland	19	37	4	0	brown	6.8	45.2	195.1	59.2	G	MR
CDC Sorrel	56	34	1	3	brown	6.4	45.1	192.7	57.8	F	MR
Hanley	70	32	-2	-5	brown	5.7	44.7	197.7	58.6	VG	R
Lightning	40	33	1	-5	brown	6.0	47.6	192.5	56.1	G	MR
Prairie Sapphire	35	35	2	-3	brown	5.8	48.1	193.1	57.2	G	MR
Topaz	12	33	0	0	brown	5.8	45.9	188.2	54.4	G	MR
VT50	28	33	4	-5	yellow	5.1	47.1	209.4	67.6	VG	MR
WestLin 60	13	32	-1	-5	brown	5.7	46.1	197.9	59.9	G	MR
WestLin 70	12	33	2	5	brown	6.4	45.8	194.5	61.9	G	MR
WestLin 71	15	34	2	-5	brown	5.6	47.5	198.1	61.2	G	MR
WestLin 72	29	33	3	-3	brown	5.4	47.0	192.8	57.0	VG	MR
GRAND MEAN (bu/ac)		34									
LSD (0.05)		1.6									

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



WHEREVER YOU ARE, BKT IS WITH YOU

No matter how challenging your needs, BKT is always with you, offering a wide range of tires tailored to every need in agriculture: from work in the open field to the orchards and vineyards, from high power tractors to trailers for transport.

Reliable and safe, sturdy and durable, capable of combining traction and reduced soil compaction, comfort and high performance.

BKT: always with you, to get the most out of your agricultural equipment.

in f t y o
bkt-tires.com

For info:
Western Canada 604-701-9098
Eastern Canada 514-792-9220

BKT
GROWING TOGETHER

Yield Comparisons

VARIETY	2021 Yield (bu/acre)				
	Carberry	Morris	Roblin	Souris	Stonewall
AAC Marvelous [®]	31	15	12	46	12
CDC Dorado [®]	33	14	8	40	15
CDC Glas [®]	35	14	12	46	12
CDC Kernen [®]	34	17	14	48	15
CDC Rowland [®]	40	17	12	48	17
VT50 [®]	26	13	9	42	9
WestLin 72 [®]	30	11	12	45	11
SITE GRAND MEAN (bu/ac)	33	14	11	46	13
CV%	11.7	4.4	14.7	3.6	6.0
LSD (bu/ac)	7	1	3	7	1
Sign Diff	Yes	Yes	Yes	Yes	Yes
Seeding Date	11-May	18-May	19-May	15-May	25-May
Harvest Date	08-Sep	10-Sep	13-Sep	17-Sep	12-Sep

IF YOU'RE NOT INTO HIGHER ROI, YOU'RE PROBABLY NOT INTO SEEDMASTER.

No matter what you grow, SeedMaster™ has the ultimate seeding solutions for greater precision, increased productivity and higher profit potential. But don't take our word for it: third party PAMI testing confirms our UltraPro II's individual row metering delivers uniform seed placement, near zero seed mortality and no impact on germination results. **Start lowering input costs and raising your ROI at SeedMaster.ca**

SEED  **MASTER™**



GROWING CONFIDENCE WITH RESULTS.

NEW
InVigor
L343PC

NEW
InVigor
L356PC

InVigor
L340PC

InVigor
L345PC

InVigor
L357P

choice
InVigor
LR344PC



See how InVigor® hybrid canola is performing near you.

Go to **InVigorResults.ca** for:

- Replicated yield results from your area
- Results for Pod Shatter Reduction hybrids
- Results for clubroot-resistant hybrids
- Competitive comparisons – see why more growers choose InVigor

We're updating our hybrid leaderboard with new results weekly, so be sure to check back often.

For more information, contact
BASF AgSolutions® Customer Care
at 1-877-371-BASF (2273).



■ BASF
We create chemistry

InVigor®

Always read and follow label directions.

AgSolutions and INVIGOR are registered trade-marks of BASF, used under license by BASF Canada Inc. © 2021 BASF Canada Inc.

John Deere's green and yellow color scheme, the leaping deer symbol, and John Deere are trademarks of Deere & Company.

SOYBEANS

NOTES FOR ALL SOYBEAN TABLES

Maturity Notes:

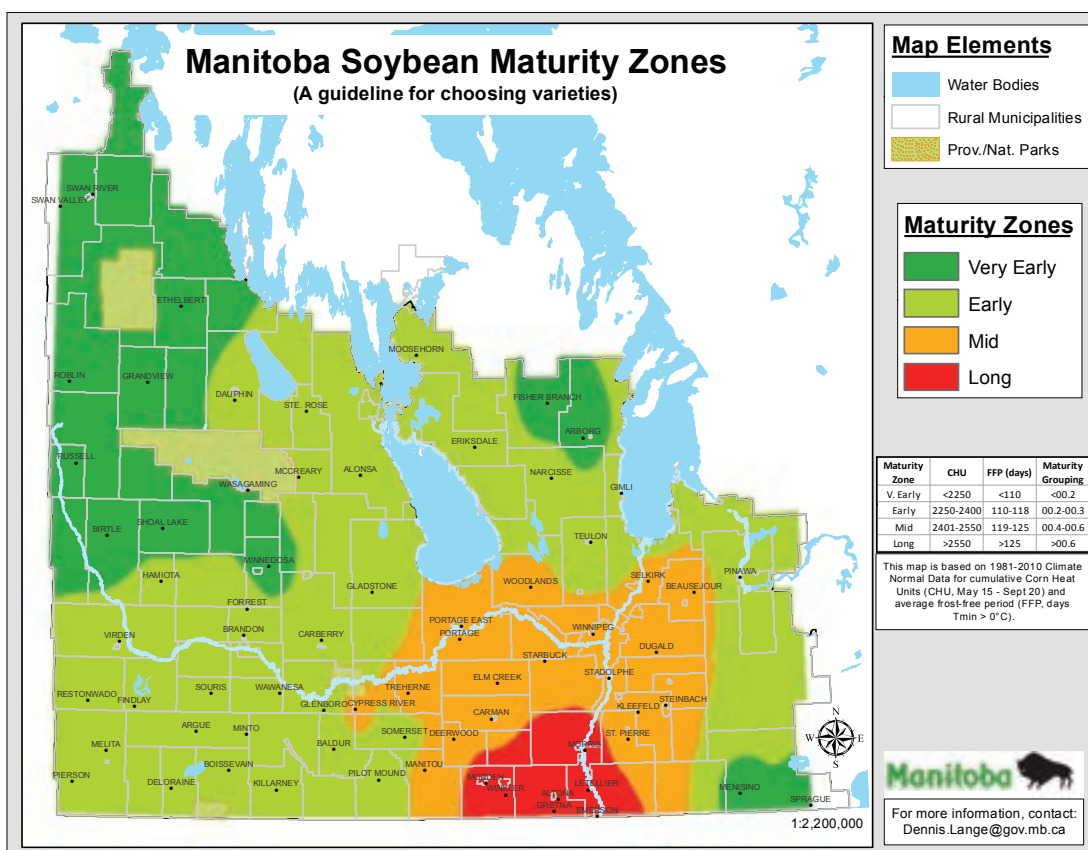
- 1 Soybean varieties have been organized into 4 maturity zones - very early, early, mid and long season areas.
- 2 Maturity grouping is a ranking of maturity provided by seed suppliers. Rankings are assigned to assist growers in selecting varieties suited for their area.
- 3 Relative days to maturity is the number of days from seeding to plant maturity (95% of the pods on plant are mature with seeds rattling in the pods when plant is shaken). Expressed as + or - days from the check. Caution needed when using only one year data to evaluate maturity and yield. Using multiple years will provide 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 characteristics check box at the bottom of the table.

General Notes:

- 1 Roundup Ready and Conventional soybean varieties are evaluated separately, meaning direct comparison of varieties between different tables is not possible. All trials are solid seeded at 210,000 seeds/acre.
- 2 Hilum colour can range from Yellow (Y), Imperfect Yellow (IY), Grey (G), Brown (BR), Buff (BF), Tan(TN), Clear (CL), Imperfect Black (IB) 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 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 a site prone to iron chlorosis over the last 3 years. IDC tolerant varieties are varieties with lower IDC Scores and perform better on soils prone to iron deficiency.
- 4 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 ratings and groupings should be considered together when judging IDC. Tolerant=leaves stayed green, Semi Tolerant=leaves turn yellow then turn green, Susceptible= leaves went chlorotic and had dead patches on their leaves and were often stunted.

MANITOBA SOYBEAN MATURITY MAP

The Soybean Maturity Map outlines the longest maturity suggested for each production area but earlier varieties can also perform well. Use in conjunction with Soybean Variety Description table which outlines varieties according to maturity zones.





BE READY. AND BE PROTECTED.

Introducing **Vercoras**, our new seed treatment for canola.

InVigor® hybrid canola growers will be set to stay ahead of advancing threats with the arrival of new Vercoras® seed treatment. It combines a frontline insecticide with four fungicide active ingredients. Together, they provide broad-spectrum control of key seed- and soil-borne diseases like blackleg and base protection against flea beetles¹.

Because when you use seed this good, you need to treat it right.
Visit agsolutions.ca/vercoras to learn more.

Vercoras®
Seed Treatment

BASF
We create chemistry

¹ Vercoras seed treatment is an on-seed application of Vercoras F3 seed treatment, Poncho® 600 FS seed treatment insecticide and Vercoras XC seed treatment.

Always read and follow label directions.

AgSolutions, INVIGOR, PONCHO and VERCORAS are registered trade-marks of BASF; all used under license by BASF Canada Inc. VERCORAS XC and/or VERCORAS F3 seed treatments should be used in a preventative disease control program. © 2021 BASF Canada Inc.

WESTERN MANITOBA HERBICIDE TOLERANT SOYBEANS

Comments:

The western Manitoba soybean variety trial was sponsored by the Manitoba Pulse & Soybean Growers.

Variety Descriptions

Maturity		%	Yield Years	Maturity days	IDC ²	Resistance		2021 Yield % of Akras R2					
Zone	Variety	Check	Tested	+/- Check ¹	Rating/Group	SCN ³	PRR ⁴	Dauphin	Hamiota	Holland	Melita	Souris	Swan River
Very Early Season Zone	DKB0003-24	86	6	-13	1.9 / ST	Yes	1c,1k	97	69	86	83	90	84
	Buffalo R2	85	8	-11	1.9 / ST	—	—	94	82	83	81	92	81
	BY Rundle XT	92	6	-11	1.9 / ST	Yes	1c,3a	105	62	105	93	96	92
	NSC Dauphin RR2X	88	6	-10	2.1 / ST	—	1c	95	70	90	87	90	92
	Amirani R2	88	13	-9	1.8 / ST	—	1k	93	75	88	75	90	81
	NSC EXP001PX	85	5	-8	1.7 / T	—	1c	95	79	82	82	81	—
	Fresco R2X	92	13	-8	2.0 / ST	—	—	107	73	90	79	97	89
	NSC EXP0007X	83	6	-8	1.9 / ST	—	1a	95	72	85	78	81	81
	S0009-F2X	95	27	-7	1.8 / ST	—	1c	102	89	98	94	94	104
	NSC EXP001LX	96	5	-6	1.8 / ST	—	1c, 3a	104	94	100	87	93	—
Early Season Zone	DKB0005-44	93	18	-6	1.9 / ST	Yes	1c	107	87	90	89	101	90
	CP000521X	90	6	-6	1.8 / ST	—	1c	96	82	78	87	92	94
	S001-D8X	103	11	-4	1.9 / ST	—	1c	106	88	95	88	95	110
	Komodo R2	99	8	-4	2.2 / ST	Yes	1c	101	90	98	89	97	115
	B0012RX	103	6	-4	1.7 / T	—	1k,6	102	96	94	96	105	119
	003-R5X	105	6	-4	1.9 / ST	—	1c	110	95	104	106	103	109
	P001A48X	100	13	-3	1.8 / ST	—	1c	104	86	100	88	103	106
	TH89004 R2X	98	13	-2	1.9 / ST	—	1c	100	89	92	82	96	105
	Young R2X	101	6	-2	1.7 / T	Yes	1c	111	100	83	87	104	104
	SI 000919XT	97	11	-2	1.7 / T	—	—	100	90	90	84	97	96
	PV 15s0009 R2X	98	17	-2	1.8 / ST	Yes	1c	107	91	84	87	100	99
	P003A97X	100	13	-2	1.8 / ST	Yes	1k	114	101	103	102	104	105
	S003-Z4X	104	13	-2	1.9 / ST	—	1c	105	94	108	85	102	112
	DKB0009-89	98	18	-2	1.8 / ST	Yes	1c,1k	107	91	87	90	101	92
	SI 001XTN	99	18	-2	1.7 / T	Yes	1k	108	95	92	96	105	108
	NSC Redvers RR2X	97	15	-1	1.9 / ST	Yes	1c	100	87	98	97	99	—
	DKB0008-87	101	6	-1	1.8 / ST	Yes	1c,1k	108	94	94	97	105	101
	P005A83X	107	13	-1	1.7 / T	Yes	1c	122	99	106	93	108	104
	Mahony R2	101	35	-1	2.5 / S	—	—	106	92	104	92	103	108
	Hart R2X	101	6	0	1.9 / ST	—	1c	107	95	83	97	103	109
Mid Season Zone	Mikado R2X	98	5	0	1.9 / ST	Yes	1c	102	91	99	95	99	—
	Akras R2	100	37	0	1.7 / T	—	1c	100	100	100	100	100	100
	S005-C9X	107	9	0	2.3 / S	—	1c	111	95	104	102	102	—
	TH 87003 R2X	96	23	0	1.8 / ST	Yes	1c	114	96	88	84	105	—
	Sunna R2X	101	16	1	1.7 / T	Yes	1c	108	89	101	88	98	106
	B0041RX	105	5	1	1.7 / T	—	1k	107	107	100	99	106	—
	P005A27X	101	18	1	1.8 / ST	—	1c	113	93	104	85	107	106
	P006A37X	107	17	1	1.8 / ST	—	1c	112	99	98	100	105	116
	Bourke R2X	103	11	1	1.8 / ST	—	1k	108	101	98	90	104	—
	PV 22s002 R2X	103	6	1	1.7 / T	—	—	112	96	88	95	109	102
	PS 0068 XR	105	9	2	1.8 / ST	—	1c	109	96	103	91	100	—
	PV 16s004 R2X	100	15	2	1.8 / ST	Yes	1k	107	105	96	96	106	—
	TH82005 R2X	110	5	3	1.8 / ST	—	—	114	96	104	99	122	—
	Kudo R2X	105	11	3	1.7 / T	—	—	110	106	111	97	107	—
	CHECK CHARACTERISTICS					Akras R2 (bu/ac)			75	57	38	30	77
Akras R2					CV%			4.4	4.3	8.3	7.5	4.6	7.1
					LSD%			8	6	13	11	7	12
					Sign Diff.			Yes	Yes	Yes	Yes	Yes	Yes
					Seeding Date			17-May	18-May	12-May	17-May	15-May	17-May
					Harvest Date			28-Sep	04-Oct	21-Sep	15-Sep	27-Sep	30-Sep

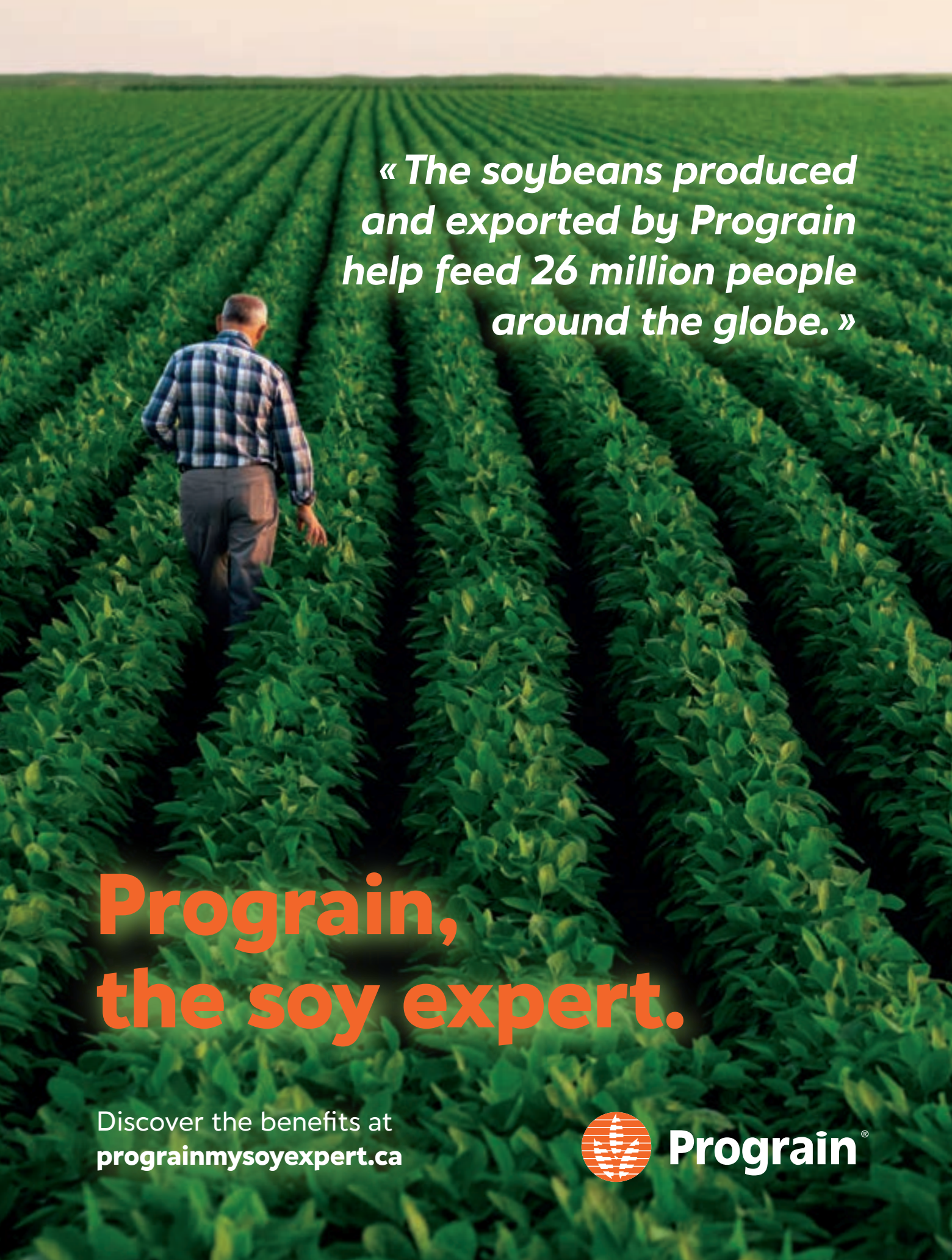
1 Relative days to maturity based on multiple year average.

2 Iron Deficiency Chlorosis (IDC) Groupings - These ratings determined at a separate trial near Winnipeg that is prone to IDC;

T=Tolerant, ST=Semi-Tolerant, S=Susceptible

3 SCN -Soybean Cyst Nematode Resistance

4 PRR-Phytophthora Race Specific Resistant Genes

A man in a plaid shirt and dark pants is walking away from the camera through a vast field of soybean plants. The rows of plants stretch far into the distance under a clear sky.

*« The soybeans produced
and exported by Prograin
help feed 26 million people
around the globe. »*

**Prograin,
the soy expert.**

Discover the benefits at
prograinmysoyexpert.ca



Prograin[®]

EASTERN MANITOBA CONVENTIONAL SOYBEANS

Comments:

The eastern Manitoba conventional soybean variety trial was sponsored by Manitoba Pulse & Soybean Growers.

Variety Descriptions

Maturity Zone	Variety	Yield % Check	Site Years Tested	Maturity (days) ¹ +/- of Check	Hilum Colour	IDC ² Rating/Group
Early Season Zone	Norfolk	91	24	-7	IY	2.3 / S
	Fjord	92	16	-4	IY	2.0 / ST
	AAC Halliö	100	43	-3	Y	2.0 / ST
	Siberia	104	15	-2	IY	1.8 / ST
Experimental lines that are being tested / proposed for registration in Canada						
	OT20-01	92	2	-4	Y	1.7 / T
	SVX22T000S32	105	4	-3	IY	1.8 / ST
Mid Season Zone	OAC Prudence	100	140	0	Y	1.6 / T
	Reynolds	107	21	3	IY	2.3 / S
	Liska	115	10	4	Y	2.3 / S
	Primo	99	10	5	IY	1.9 / ST
	Kebek	102	21	6	Y	1.8 / ST
	Baffin	107	10	6	IY	2.0 / ST
	Experimental lines that are being tested / proposed for registration in Canada					
	SVX21T000S1	105	10	0	IY	2.1 / ST
	CM-6	97	4	2	Y	1.8 / ST
	OT20-02	109	2	2	Y	1.9 / ST
	PR130933Z-05	102	2	2	IY	1.8 / ST
	SVX21T00S2	107	10	2	IY	1.7 / T
	OT20-03	106	2	2	Y	1.8 / ST
	PR130077Z-28	103	4	3	IY	2.0 / ST
	SVX22T000S33	110	4	3	IY	2.0 / ST
	OT20-06	113	2	4	Y	1.8 / ST
	CLS13-005.008	110	2	6	IY	2.1 / ST
	CRGS 18.1	113	2	6	IY	1.9 / ST
Long Season Zone	Abaca	127	5	7	IY	1.8 / ST
	Meteor	101	21	7	IY	2.4 / S
	Mozart	109	2	8	Y	1.9 / ST
	Aurelina	119	5	8	IY	1.8 / ST
	Jago	111	10	9	Y	2.1 / ST
	Mayaö	101	5	10	Y	1.7 / T
	Stanley	116	8	11	IY	2.1 / ST
	Hana	117	2	12	Y	1.9 / ST
	Astor	114	14	13	Y	1.9 / ST
	Experimental lines that are being tested / proposed for registration in Canada					
	CRGS 17.1	111	2	7	Y	2.3 / S
	SVX22T000S34	119	4	7	IY	1.9 / ST
	CLS13-005.001	112	2	8	Y	2.1 / ST
	OT18-01	120	11	8	Y	1.9 / ST
	CRGS 16.1	108	2	8	Y	1.9 / ST
	CLS13-005.014	125	2	9	IY	2.2 / ST
	PR130312Z-10-04	105	2	10	IY	2.0 / ST
	SVX22T00S35	115	4	10	IY	2.0 / ST
	DL21-3009	115	2	11	Y	2.0 / ST
	DL18.3004	119	8	12	Y	2.0 / ST
	DL21-3007	119	2	12	Y	2.0 / ST
	DL21-3010	121	2	13	Y	2.0 / ST
	CLS13-005.021	122	2	13	IY	1.9 / ST
CHECK CHARACTERISTICS						
OAC Prudence		47	140	114		
		bu/acre	site years	days		

¹ Maturity Ratings are averaged across Carman, Morris, Portage, St. Adolphe sites.

² Iron Deficiency Chlorosis (IDC) Groupings - These long term ratings determined at a separate trial near Winnipeg that is prone to IDC:

T=Tolerant, ST=Semi-Tolerant, S=Susceptible

Yield Comparisons

Maturity Zone	Variety	Beausejour	Stonewall	Morris	Portage
Early Season Zone	Norfolk	68	67	84	75
	Fjord	82	89	91	70
	AAC Halliö	98	87	104	83
	Siberia	84	92	88	91
	Experimental lines that are being tested / proposed for registration in Canada				
	OT20-01	—	—	92	92
Mid Season Zone	SVX22T000S32	101	111	104	109
	OAC Prudence	100	100	100	100
	Reynolds	106	113	104	100
	Liska	109	115	105	117
	Primo	100	106	91	91
	Kebek	103	121	119	100
	Baffin	107	96	123	106
	Experimental lines that are being tested / proposed for registration in Canada				
	SVX21T000S1	100	95	90	94
	CM-6	94	97	94	104
	OT20-02	—	—	111	106
	PR130933Z-05	—	—	106	96
	SVX21T00S2	110	108	100	96
	OT20-03	—	—	107	104
	PR130077Z-28	99	94	115	103
	SVX22T000S33	109	112	113	106
	OT20-06	—	—	117	108
	CLS13-005.008	—	—	115	104
	CRGS 18.1	—	—	112	113
Long Season Zone	Abaca	—	—	127	123
	Meteor	107	108	94	107
	Mozart	—	—	108	110
	Aurelina	—	—	133	116
	Jago	109	122	115	108
	Mayaö	—	—	107	99
	Stanley	—	—	128	123
	Hana	—	—	130	104
	Astor	—	—	121	104
	Experimental lines that are being tested / proposed for registration in Canada				
	CRGS 17.1	—	—	113	110
	SVX22T000S34	118	128	124	112
	CLS13-005.001	—	—	113	110
	OT18-01	—	—	115	108
	CRGS 16.1	—	—	120	96
	CLS13-005.014	—	—	131	118
	PR130312Z-10-04	—	—	110	100
	SVX22T00S35	110	94	134	115
	DL21-3009	—	—	122	107
	DL18.3004	—	—	136	120
	DL21-3007	—	—	121	118
	DL21-3010	—	—	123	119
	CLS13-005.021	—	—	133	111
Check Characteristics OAC Prudence (bu/acre)		48	20	38	35
CV%		5.2	8.5	9.0	9.7
LSD%		9	15	17	17
Sign Diff.		Yes	Yes	Yes	Yes
Seeding Date		17-May	25-May	18-May	28-May
Harvest Date		27-Sep	01-Oct	30-Sep	05-Oct

WESTERN MANITOBA CONVENTIONAL SOYBEANS

Comments:

The western Manitoba conventional trial was sponsored by Manitoba Pulse & Soybean Growers.

Variety Descriptions

Maturity Zone	Variety	Yield % Check	Site Years Tested	Hilum Colour	Maturity (days) ¹ + / - of Check	2021 Yield % OAC Prudence	
						Melita	Swan River
Very Early Season Zone	Norfolk	92	2	IY	-11	93	91
	Ambella	92	4	BR	-10	87	85
Early Season Zone	Siberia	107	6	IY	-3	109	110
	AAC Halli@	101	8	Y	-3	111	106
	Fjord	95	8	IY	-4	98	89
Mid Season Zone	Reynolds	109	2	IY	-2	108	111
	OAC Prudence	100	11	Y	0	100	100
	Liska	115	4	IY	0	125	110
Experimental lines that are being tested / proposed for registration in Canada							
	CM-6	103	2	Y	2	99	106
	PR130077Z-28	95	2	IY	1	105	85
CHECK CHARACTERISTICS						OAC Prudence (bu/ac)	24
	OAC Prudence (bu/ac)	33	11		121	CV%	5.8
		bu/acre	site years		days	LSD%	10
						Sign Diff	Yes
						Seeding Date	17-May
						Harvest Date	15-Sep

¹ Maturity Rating locations — Melita and Swan River. Actual maturity will depend on seasonal growing conditions.

Damas OMEGA Cleaning/Grading Machine

- High grading efficiency with low power consumption -

YOUR DIRECT BENEFITS:

HIGHER EFFICIENCY. A LOT HIGHER.

DAMAS OMEGA offers much higher grading efficiency than any other comparable machine on the market today.

SIMPLER OPERATION.

The DAMAS OMEGA range of machine offers independent pre-suction and after-suction systems. This means that you can adjust one air system without having to adjust the other one as well, saving you valuable operational time and allowing you to optimize the running of the machine quickly and easily. Air exhaust reduced by up to 80%.

BETTER WORKING ENVIRONMENT AND IMPROVED DAILY ECONOMY.

The adjustment of the suction systems is carried out using frequency converters, reducing the turbulence in the air ducts and making it possible to optimise the running of the entire system smoothly and quickly.

PRACTICAL CLIPPING EFFECT WHEN CLEANING BARLEY.

In most cases, you won't need to invest in a clipper/de-awner for barley when you have the DAMAS OMEGA in your production line. The built-in distributor worms in the inlet hopper and the large feed roller produce a substantial clipping effect, large enough in many cases to eliminate the need for a dedicated clipper machine.



www.canseedequip.com | 800-644-8397 | Email: sales@canseedequip.com



The **DAMAS OMEGA** is a flexible and efficient cleaning/grading machine which can be used for a wide variety of cereals and seeds, from light to heavy seeds all the way from pre-cleaning to fine cleaning. The DAMAS OMEGA is capable of handling up to 300 tons per hour when cleaning cereals - and up to 30 tons per hour when grading seeds.

FIELD, MEET YIELD.

WITH
NSC SPERLING



NSC Sperling RR2Y plays to win. Sperling has an exceptional track record of high yield performance under a full range of weather and soil conditions. Add an industry leading disease package, and you have a combo that's hard to beat.

To meet our whole lineup, visit
northstargenetics.ca



WE KNOW BEANS



Proud to be 100% Western Canadian Owned and Focused



JOHN DEERE FINANCING AVAILABLE

©2021 NorthStar Genetics

Monsanto Company is a member of Excellence Through Stewardship® (ETS). Monsanto products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with Monsanto's Policy for Commercialization of Biotechnology-Derived Plant Products in Commodity Crops. These products have been approved for import into key export markets with functioning regulatory systems. Any crop or material produced from these products can only be exported to, or used, processed or sold in countries where all necessary regulatory approvals have been granted. It is a violation of national and international law to move material containing biotech traits across boundaries into nations where import is not permitted. Growers should talk to their grain handler or product purchaser to confirm their buying position for these products. Excellence Through Stewardship® is a registered trademark of Excellence Through Stewardship.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Ready® technology contains genes that confer tolerance to glyphosate, an active ingredient in Roundup® brand agricultural herbicides. Agricultural herbicides containing glyphosate will kill crops that are not tolerant to glyphosate. Acceleron®, Genuity and Design®, Genuity®, RIB Complete and Design®, RIB Complete®, Roundup Ready 2 Technology and Design®, Roundup Ready 2 Yield®, Roundup Ready®, Roundup®, SmartStax®, VT Double PRO® and VT Triple PRO® are registered trademarks of Monsanto Technology LLC, Monsanto Canada Inc. licensee. LibertyLink® and the Water Droplet Design are trademarks of Bayer. Used under license. Herculex® is a registered trademark of Dow AgroSciences LLC. Used under license. ©2017 Monsanto Canada Inc.

*Please be sure to use the appropriate statement for your crop/treatment. Please visit www.monsantotraits.ca for statement details.





A SOYBEAN PARTNER YOU CAN GROW WITH

ADVANCING SOYBEAN GENETICS

Sevita International is a Canadian owned and operated soybean company proudly serving growers for over 25 years. Sevida lives and breathes soybeans, in all aspects from breeding and genetics to supplying the international soy food and beverage markets quality food-grade soybeans.

Sevita's GM and non-GM varieties are bred to perform in Manitoba and offer an array of industry leading traits with genetics from multinationals, public and university breeding programs as well as our in house breeders, Sevida Genetics.

Speak with your local Ceres Global Seed representative to learn more or visit sevita.com/plot-results to see how our varieties performed in a trial near you.

Brent Kosie

E: BrentK@sevita.com

T: 431-336-8491

sevita.com/west



LEAD WITH GENETICS

Horizon Seeds product line is derived from both a global and in-house breeding and testing program designed to bring you - the Canadian grower, the best corn hybrids. Being farmers ourselves, we know how important it is when considering what to grow, which is why we focus on bringing the best genetics forward first, then pairing with the best farm trait and treatment technologies to optimize and mitigate risks associated with crop production.

**HORIZON
SEEDS**
CANADA INC.



The Ceres Global Seeds team has been at the forefront of the Western Canadian seed industry for over fifteen years.

Ceres Global Seeds underlying focus has remained constant: to provide our customers with the best varieties and service available. Our drive to be your trusted seed partner starts with an agronomy team that has decades of experience specializing in soybean and corn production. We call this the **Ceres Global Seeds Advantage** - higher quality standards, consistent performance, superior agronomic support and personal service designed to deliver more profit per acre to each farm.

With a vision focused on developing and supplying the best corn and soybean seed products available for growers in Western Canada, Ceres Global Seeds has partnered with the following independent, highly customer-focused seed providers: **Sevita International Corporation and Horizon Seeds Canada.**



distributor of



www.ceresglobalseeds.com

EASTERN MANITOBA HERBICIDE TOLERANT SOYBEANS

The eastern Manitoba herbicide tolerant soybean trial was sponsored by Manitoba Pulse & Soybean Growers.

Variety Descriptions

Maturity Zone	Variety	Type ¹	Yield % Check	Site Years Tested	Maturity (days) ² +/- of Check	Hilum Colour	IDC ³ Rating/Group	Resistance SCN ⁴ PRR ⁵
Very Early Season Zone	NSC Dauphin RR2X	R2X	80	6	-15	IY	2.1 / ST	— 1c
	BY Rundle XT	R2X	74	6	-15	BR	1.9 / ST	Yes 1c,3a
	Fresco R2X	R2X	75	12	-13	BL	2.0 / ST	— —
	S001-D8X	R2X	88	12	-9	IY	1.9 / ST	— 1c
	SI 00319XT	R2X	87	6	-8	IY	2.0 / ST	— 1c
	P003A97X	R2X	96	11	-8	GR	1.8 / ST	Yes 1k
	SI 000919XT	R2X	88	12	-7	BL	1.7 / T	— —
	P001A48X	R2X	92	17	-7	TN	1.8 / ST	— 1c
	003-R5X	R2X	99	6	-6	IY	1.9 / ST	— 1c
	Komodo R2	R2Y	102	11	-6	BL	2.2 / ST	Yes 1c
	P005A83X	R2X	96	17	-6	BL	1.7 / T	Yes 1c
	TH89004 R2X	R2X	87	17	-6	BR	1.9 / ST	— 1c
Early Season Zone	B0012RX	R2X	96	6	-6	BR	1.7 / T	— 1k, 6
	Experimental lines that are being tested / proposed for registration in Canada							
	SV175101Z-02-07-07	E3	74	6	-13	BL	1.9 / ST	— —
	SI 001XTN	R2X	99	23	-5	BL	1.7 / T	Yes 1k
	NSC Redvers RR2X	R2X	92	17	-5	BL	1.9 / ST	Yes 1c
	Akras R2	R2Y	102	27	-4	BL	1.8 / ST	— 1c
	Young R2X	R2X	97	6	-4	BL	1.7 / T	Yes 1c
	S003-Z4X	R2X	97	12	-4	BF	1.9 / ST	— 1c
	B0041RX	R2X	101	6	-4	GR	1.7 / T	— 1k
	PV 22s002 R2X	R2X	100	6	-4	BL	1.7 / T	— —
	S005-C9X	R2X	94	12	-3	BL	2.3 / S	— 1c
	Mikado R2X	R2X	96	6	-3	BL	1.9 / ST	Yes 1c
	DKB0008-87	R2X	101	6	-3	BL	1.8 / ST	Yes 1c,1k
	RX Acron	R2X	100	14	-3	BL	1.8 / ST	Yes —
	Hart R2X	R2Y	97	6	-3	BR	1.9 / ST	— 1c
	CP00621X	R2X	101	4	-3	BR	1.7 / T	Yes 1c,3a
	Bourke R2X	R2X	102	23	-2	BL	1.8 / ST	— 1k
	NSC Holland RR2X	R2X	109	6	-2	BR	1.8 / ST	— 1c
	Merritt R2X	R2X	99	12	-2	BL	1.8 / ST	Yes 1c,1 k
	Sunna R2X	R2X	103	23	-2	GR	1.7 / T	Yes 1c
	DKB002-32	R2X	98	12	-2	BR	1.8 / ST	Yes 1k
	PS 0068 XR	R2X	98	16	-2	BL	1.8 / ST	— 1c
	P006A37X	R2X	108	23	-2	BR	1.8 / ST	— 1c
	Experimental lines that are being tested / proposed for registration in Canada							
	PV 15S0009R2X	R2X	97	17	-5	BL	1.8 / ST	— —
	SV185067-06-03	E3	89	6	-4	BR	2.0 / ST	— —
	SV185067-06-04	E3	92	6	-1	BR	1.9 / ST	— —

Maturity Zone	Variety	Type ¹	Yield % Check	Site Years Tested	Maturity (days) ² +/- of Check	Hilum Colour	IDC ³ Rating/Group	Resistance SCN ⁴	PRR ⁵
Mid Season Zone	NSC Sperling RR2Y	R2Y	105	21	-1	IY	1.8 / ST	-	1a, 3a
	Barker R2X	R2X	99	21	-1	BL	1.8 / ST	Yes	1k
	NSC Cartier RR2X	R2X	96	10	-1	BL	1.8 / ST	-	3a
	PV 16s004 R2X	R2X	100	23	-1	BL	1.8 / ST	Yes	1k
	TH 87003 R2X	R2X	96	27	-1	BL	1.8 / ST	Yes	1c
	B0051RX	R2X	99	6	-1	BR	1.8 / ST	—	1c
	DKB005-52	R2X	100	28	0	BL	1.8 / ST	Yes	1c
	SI 00620XTN	R2X	103	6	1	BL	1.7 / T	Yes	1c
	Kudo R2X	R2X	100	8	1	BL	1.7 / T	—	—
	TH82005 R2X	R2X	104	6	1	BR	1.8 / ST	—	1k
	PS 0074 R2	R2Y	104	21	1	BR	1.7 / T	—	—
	DKB008-48	R2X	112	6	1	BL	1.8 / ST	Yes	1c,1k
	Mao R2X	R2X	106	4	2	BL	1.7 / T	Yes	1c
	Elmo E3	E3	100	8	2	BR	1.8 / ST	Yes	—
	S007-A2XS	R2X	105	12	2	GR	1.8 / ST	—	—
P00A49X	R2X	103	16	2	BR	1.7 / T	Yes	1c	
SI 007XTN	R2X	105	20	2	BL	1.8 / ST	Yes	1c	
Long Season Zone	NSC Winkler RR2X	R2X	103	16	3	BL	1.8 / ST	Yes	1c
	TH89009 R2XN	R2X	105	12	5	BL	1.7 / T	Yes	1k
	TH81007 R2XN	R2X	106	4	5	BR	1.7 / T	Yes	1c
CHECK CHARACTERISTICS		DKB005-52	43 bu/acre	28 site years	119 days				

- 1 R2X -Xtend technology, R2Y-Roundup-Ready 2 technology, RR1 - Roundup Ready 1 technology, E3 Enlist - 2-4D Tolerant
 2 Maturity Ratings are averaged across Carman, Morris, Portage, St. Adolphe sites over multiple years
 3 Iron Deficiency Chlorosis (IDC) Groupings -These ratings determined at a separate trial near Winnipeg that is prone to IDC:
 T=Tolerant, ST=Semi-Tolerant, S=Susceptible
 4 SCN -Soybean Cyst Nematode Resistance
 5 PRR-Phytophthora Race Specific Resistant Genes



The Hope of the Harvest Begins with the Seed.

New High Yielding Varieties Available.
 Soybeans • Peas • Corn • Canola • Wheat • Oats • Barley • Rye

Contact Tom, Steve or Laird for details: 204-736-2849 | www.pituraseeds.ca



EASTERN MANITOBA HERBICIDE TOLERANT SOYBEANS

Yield Comparisons

Maturity Zone	Variety	2021 Yield: % of DKB005-52					
		Early Sites		Core Sites			
		Beausejour	Stonewall	Carman	Morris	Portage	St Adolphe
Very Early Season Zone	NSC Dauphin RR2X	85	91	73	80	79	78
	BY Rundle XT	69	89	74	81	70	67
	Fresco R2X	75	81	77	73	95	66
	S001-D8X	80	123	91	80	97	94
	SI 00319XT	84	107	92	79	88	87
	P003A97X	101	107	93	95	102	86
	SI 000919XT	113	112	97	90	81	93
	P001A48X	98	116	84	81	110	83
	003-R5X	106	94	98	92	108	92
	Komodo R2	101	127	98	91	97	98
	P005A83X	86	111	102	94	109	95
	TH89004 R2X	97	106	92	82	88	96
Early Season Zone	B0012RX	101	98	88	103	89	90
	Experimental lines that are being tested / proposed for registration in Canada						
	SV175101Z-02-07-07	80	123	80	56	78	45
	SI 001XTN	92	101	105	83	93	98
	NSC Redvers RR2X	110	97	98	89	90	90
	Akras R2	122	129	105	93	114	100
	Young R2X	92	105	107	88	93	106
	S003-Z4X	103	107	102	97	102	91
	B0041RX	113	112	96	96	100	92
	PV 22s002 R2X	102	114	103	90	99	107
	S005-C9X	103	118	88	96	93	85
	Mikado R2X	98	109	91	87	103	104
	DKB0008-87	103	117	100	102	91	100
	RX Acron	111	116	99	81	102	102

STRONGER. FASTER. BETTER.

We've proven it in the field!

In any soil conditions, our synergetic mix of 3 biologicals work together to trigger powerful growth in your cereal and canola crops. Take advantage of our proven technology for your best yields yet.

Contact your local rep or visit us online.

BioniQ®

CEREALS | CANOLA

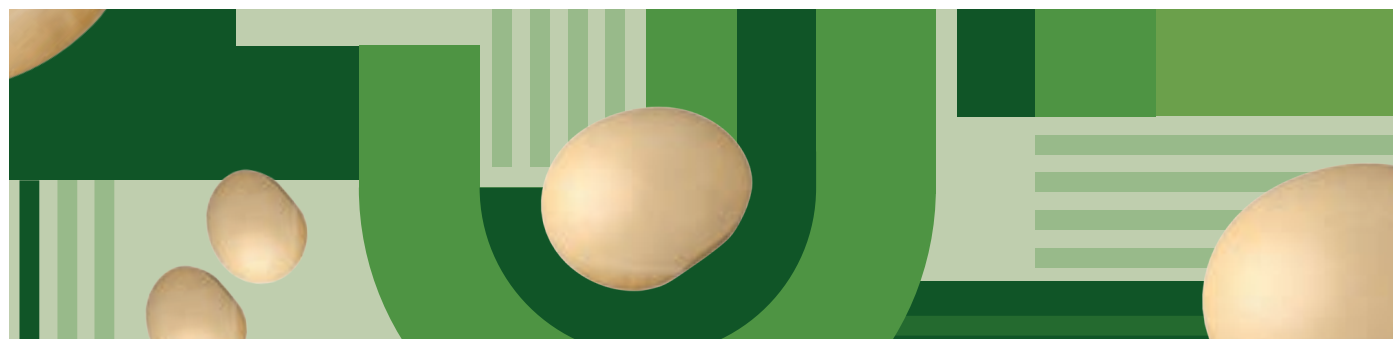
RESULTS YOU CAN COUNT ON.

NexusBioAg

nexusbioag.com

© 2021 Univar Ltd. All rights reserved. Univar, the collaboration insignia, and other identified trademarks are the property of Univar Inc. or affiliated companies. All other trademarks not owned by Univar Inc. or affiliated companies that appear in this material are the property of their respective owners.

		2021 Yield: % of DKB005-52						
Maturity Zone	Variety	Early Sites		Core Sites				
		Beausejour	Stonewall	Carman	Morris	Portage	St Adolphe	
Early Season Zone	Hart R2X	97	126	92	95	102	89	
	CP00621X	—	—	100	103	107	87	
	Bourke R2X	109	119	106	92	102	102	
	NSC Holland RR2X	125	127	112	89	106	99	
	Merritt R2X	108	100	109	96	107	98	
	Sunna R2X	112	99	109	97	110	96	
	DKB002-32	107	116	101	94	107	102	
	PS 0068 XR	—	—	97	88	100	96	
	P006A37X	119	118	116	95	99	104	
	Experimental lines that are being tested / proposed for registration in Canada							
	PV 15s0009R2X	106	113	94	83	83	94	
	SV185067-06-03	91	112	86	84	91	87	
	SV185067-06-04	97	112	88	84	94	92	
Mid Season Zone	NSC Sperling RR2Y	—	—	102	104	107	102	
	Barker R2X	—	—	109	91	109	99	
	NSC Cartier RR2X	—	—	96	94	98	97	
	PV 16s004R2X	107	105	110	94	93	102	
	TH 87003 R2X	108	103	111	91	101	98	
	B0051RX	103	106	93	103	95	94	
	DKB005-52	100	100	100	100	100	100	
	SI 00620XTN	105	115	106	94	100	111	
	SI 007XTN	108	109	112	106	121	109	
	Kudo R2X	—	—	116	95	116	116	
	TH82005 R2X	99	115	104	97	114	115	
	PS 0074 R2	—	—	115	100	125	98	
	DKB008-48	110	134	121	102	105	121	
	Mao R2X	—	—	119	101	94	104	
	Elmo E3	—	—	109	101	115	102	
	S007-A2XS	124	144	114	96	98	111	
		P00A49X	—	—	110	101	117	119
Long Season Zone	NSC Winkler RR2X	—	—	109	103	104	118	
	TH89009 R2XN	—	—	113	101	127	117	
	TH81007 R2XN	—	—	109	108	98	109	
Check Characteristics		DKB005-52 (bu/ac)	55	14	56	54	36	21
		CV %	6.8	8.7	6.2	5.4	8.7	7.1
		LSD%	11	16	10	8	14	11
		Sign Diff	Yes	Yes	Yes	Yes	Yes	Yes
		Seeding Date	17-May	25-May	19-May	18-May	28-May	14-May
		Harvest Date	24-Sep	25-Sep	29-Sep	30-Sep	05-Oct	22-Sep



THE MODERN ART OF SOYBEANS

At Proven® Seed, we see every new season as an opportunity to help you create your masterpiece. No matter what kind of soil or zone you grow in, we know there's a Proven Seed soybean ready to deliver on your vision for success. When it's time to select your soybean variety, go with Proven Seed.

Only available at Nutrien Ag Solutions® retail. Visit ProvenSeed.ca/soybeans to learn more.



Proven® Seed is a registered trademark of Nutrien Ag Solutions (Canada) Inc. Nutrien Ag Solutions® and Design is a registered trademark of Nutrien Ag Solutions, Inc. 09/21-78262-5

Nutrien
Ag Solutions®

Proven
SEED

SUNFLOWERS - CONFECTIONARY TYPE

Comments:

These varieties were tested and data donated by the Manitoba Crop Alliance (MCA).

All sunflowers varieties listed are susceptible to sclerotinia and sunflower rust strains present in Manitoba.

Genetic resistance to verticillium wilt is rated as moderately susceptible to moderately resistant for all sunflower varieties presented.

Plant population and environment will contribute greatly to the final product.

Variety Descriptions

Company	Hybrid	Genetic Traits ¹	Site Years	Yield % Check	Maturity ² (+/- check)	Height (inches)	2021 Seed Sizing (%) ³		
							>22/64	>20/64	<20/64
NuSeed	6946 DMR	DM	30	100	0	0	37	32	29
NuSeed	Panther DMR	DM	38	100	0	-2	57	26	14
Experimental lines tested/proposed for registration in Canada									
CHS Sunflower	20-EXP3	ExSun	2	98	3	-2	71	19	10
CHS Sunflower	21-EXP1	ExSun	2	107	5	2	33	40	27
MCA	EX 35957	ExSun	5	113	-3	3	66	23	11
NuSeed	N6L377 CL	CL	2	104	1	-3	66	25	10
CHECK CHARACTERISTICS									
6946 DMR			30	3058	122	66			
			site years	lb/ac	days	inches			

1 Genetic traits include CL = Clearfield tolerance; ExSun = Express tolerance; DM = Downy Mildew Resistance.

2 Physiological maturity for sunflowers is R9, where the bracts on the head are almost completely brown.

3 Totals may not add to 100% due to rounding; information based off two sites at Melita and Rossendale.

Refer to the MCA website at www.mbcropalliance.ca for more details.

Site Comparisons

Hybrid	Melita						Rossendale					
	Yield (lb/ac)	Maturity ¹ (days to R9)	2021 Seed Sizing (%) ²			Test Wt (lb/bu A)	Yield (lb/ac)	Maturity ¹ (days to R9)	2021 Seed Sizing (%) ²			Test Wt (lb/bu A)
6946 DMR	2670	—	45	29	26	26.1	1896	113	19	46	34	—
Panther DMR	2968	—	62	23	15	25.7	1925	114	35	42	23	—
Experimental lines being tested/proposed for registration in Canada												
20-EXP3	2762	—	75	17	8	23.4	1723	116	67	21	11	—
21-EXP1	3166	—	33	40	27	23.8	1697	118	—	—	—	—
EX 35957	2771	—	62	20	19	26.5	1674	113	57	31	12	—
N6L377 CL	2811	—	66	22	12	22.8	1935	114	66	27	8	—
Site Average	2858					24.7	1808	115				—
CV%	12.1						11.0					
Sign Diff	No						No					
LSD (0.05)	—						—					
Planting Date	12-May						12-May					
Desiccation Date	—						28-Sep					
Harvest Date	06-Oct						11-Oct					

1 Physiological maturity for sunflowers is R9, where the bracts on the head are almost completely brown.

2 Totals may not add to 100% due to rounding.

Columns with — had data unavailable at time of print, please contact Daryl Rex or refer to the MCA website at www.mbcropalliance.ca for more details.



A Ceres Global company



YOUR SOYBEAN AND CORN SEED SPECIALISTS

Three locations to serve you:



Beausejour – 1094 Selch St, Beausejour MB
Contact Don Hodgson – 204-266-3355



Gladstone – 72 Church St, Gladstone MB
Contact Randi Wright – 204-872-1620



Jordan – Hwy 23 & Hwy 3, Roland MB
Contact Mackenzie Booker – 204-797-6606

Proud Distributor of:



FREE – NO INTEREST FINANCING

*AND RECEIVE AN EARLY
DISCOUNT BONUS!*



SUNFLOWERS — OIL TYPE

Comments:

These varieties were tested and data donated by the Manitoba Crop Alliance (MCA).

Oilseed sunflower markets include birdfeed, oil crush and de-hull. Variety selection becomes more important when trying to capture de-hull markets. Choose varieties with better de-hull ratio, larger size and higher test weight.

Plant population and environment will contribute greatly to the final product.

Note that the check variety has moved to P63ME80 in 2021.

Variety Descriptions

Company	Variety	Herbicide/Disease ¹ Tolerance	Site Years	Yield % check	Maturity ² (+/- check)	Height (inches)	% Oil	Oil ³ Type	Test ⁴ Weight
Pioneer Hi-Bred	P63HE60	ExSun / DM	15	101	3	-4	45.5	HO	31.7
Pioneer Hi-Bred	P63ME80	ExSun / DM	18	100	0	0	48.4	NS	30.9
NuSeed	N4H302 E	ExSun	9	94	-4	2	44.0	HO	28.6
NuSeed	N4HM354	CL / DM	15	112	-2	-7	47.7	NS	33.0
NuSeed	Talon	ExSun	18	102	-3	-3	44.1	NS	28.2
Experimental lines tested/proposed for registration in Canada									
Pioneer Hi-Bred	P63HE501	ExSun	5	106	-1	2	42.9	HO	28.1
CHS Sunflower	8D310CL	CL	5	113	3	5	39.5	CO	24.8
NuSeed	N4H161 CL	CL	3	98	-5	-7	44.0	HO	28.0
NuSeed	NLKP74437	CL	3	120	-1	7	44.6	NS	27.7
WinField United CROPLAN	CP432E	ExSun	5	114	-2	0	43.4	NS	28.1
WinField United CROPLAN	CP455E	ExSun	5	126	2	2	45.2	HO	27.8
CHECK CHARACTERISTICS									
P63ME80			18	3012	126	65			
			site years	lb/ac	days	inches			

1 Genetic traits include CL = Clearfield herbicide tolerance; ExSun = Express SG herbicide tolerance; DM = Downy Mildew Resistance.

2 Physiological maturity for sunflowers is R9, where the bracts on the head are almost completely brown.

3 Oil Type designations are NS=NuSun; HO=High Oleic; CO = ConOil

4 Test weights reported in lbs per Avery (Canadian) bushel.

Site Comparisons

Hybrid	Carberry					Melita					Rossendale				
	Yield (lb/ac)	Moisture (%)	Maturity ¹ (days to R9)	Test Wt ² (lb/bu)	Oil (%)	Yield (lb/ac)	Moisture (%)	Maturity ¹ (days to R9)	Test Wt ² (lb/bu)	Oil (%)	Yield (lb/ac)	Moisture (%)	Maturity ¹ (days to R9)	Test Wt ² (lb/bu)	Oil (%)
N4H302 E	2265	15.1	139	26.4	47.7	2769	8.0	—	30.5	48.1	1180	9.6	115	21.5	39.8
N4HM354	2573	12.8	139	27.5	50.6	2871	7.7	—	32.9	50.0	1405	9.1	114	29.1	46.1
Talon	2713	14.9	142	26.4	46.3	2794	7.9	—	28.6	47.1	1336	9.5	113	20.6	37.6
P63HE60	2546	12.7	140	26.9	47.4	2374	8.4	—	30.1	44.4	1548	9.2	114	27.7	40.3
P63ME80	2714	12.5	142	29.3	48.9	2381	8.5	—	30.3	47.2	1270	8.9	119	25.8	44.7
Experimental lines being tested/proposed for registration in Canada															
8D310CL	3104	15.5	145	27.1	42.7	2769	9.0	—	27.8	40.5	1556	8.9	120	19.3	35.2
P63HE501	2270	12.1	139	28.4	45.0	2946	7.8	—	32.0	42.9	1495	9.1	117	25.8	39.2
N4H161 CL	2266	14.8	144	27.3	46.2	2610	8.5	—	31.1	46.6	1334	8.7	108	25.7	39.1
NLKP74437	2881	20.3	139	26.5	45.8	3242	9.7	—	31.0	46.3	1537	9.1	121	27.7	41.8
CP432E	2826	12.5	142	28.4	46.4	3065	8.1	—	31.1	44.4	1678	10.0	115	26.2	40.1
CP455E	3379	16.4	142	27.4	46.2	3412	9.0	—	31.3	48.0	1837	9.0	119	26.3	43.9
Site Average	2685	14.5	141	27.4	46.7	2839	8.4	—	30.6	46.0	1471	9.2	116	24.9	40.7
CV%	7.4					8.4					14.5				
Sign Diff	Yes					Yes					Yes				
LSD (0.05)	444					405					365				
Planting Date	12-May					12-May					12-May				
Desiccation Date	29-Sep					21-Sep					28-Sep				
Harvest Date	12-Oct					06-Oct					11-Oct				

1 Physiological maturity for sunflowers is R9, where the bracts on the head are almost completely brown.

2 Test weights are reported in lbs per Avery (Canadian) bushel.

Refer to the MCA website at www.mbcropalliance.ca for more details.

Distributor Contacts for Listed Varieties in Seed Manitoba 2022

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.

CANOLA

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

FLAX

AAC Bright☺	SeCan
AAC Bravo☺	FP Genetics
AAC Marvelous☺	FP Genetics
AAC Prairie Sunshine☺	SeCan
AC Emerson	SeCan
CDC Bethune☺	SeCan
CDC Bury☺	SeCan
CDC Dorado☺	SeedNet
CDC Glas☺	SeCan
CDC Neela☺	CANTERRA SEEDS
CDC Plava☺	SeCan
CDC Rowland☺	SeCan
CDC Sanctuary☺	SeCan
CDC Sorrel☺	SeCan
Hanley☺	SeCan
Lightning☺	CANTERRA SEEDS
NuLin 50☺	Nutrien Ag Solutions Proven Seed
Prairie Blue☺	SeCan
Prairie Grande☺	SeCan
Prairie Sapphire☺	Alliance Seed
Prairie Thunder☺	CANTERRA SEEDS
Taurus☺	FP Genetics
Topaz☺	Alliance Seed
Vimy	SeCan
WestLin 60☺	Nutrien Ag Solutions Proven Seed
WestLin 70	Nutrien Ag Solutions Proven Seed
WestLin 71☺	Nutrien Ag Solutions Proven Seed
WestLin 72☺	Nutrien Ag Solutions Proven Seed

CONVENTIONAL SOYBEANS

Astor	Ceres Global Seeds
DH863	Ceres Global Seeds
Fjord	Ceres Global Seeds
Meteor	Ceres Global Seeds
Norfolk	Ceres Global Seeds
Reynolds	Ceres Global Seeds
Stanley	Ceres Global Seeds
AAC Halli☺	Interlake.org Inc.
Maxus	Prograin Inc
Siberia	Prograin Inc
Liska	Prograin Inc
Maya☺	Prograin Inc
Hana	Prograin Inc
OAC Prudence	SeCan
Fjord	SG CERESCO
Kebek	SG CERESCO
Jago	SG CERESCO
Baffin	SG CERESCO
Ambella	SAATBAU LINZ eGen
Abaca	SAATBAU LINZ eGen
Aurelina	SAATBAU LINZ eGen
Mozart	NorthStar Genetics

ROUNDUP READY SOYBEANS

Amirani R2	BrettYoung
Akras R2	BrettYoung
NocomaR2☺	BrettYoung
Renuka R2X	BrettYoung
RX Acron	BrettYoung
Sunna R2X	BrettYoung
Vidar R2X	BrettYoung
B0012RX	BREVANT seeds
B00071RX	BREVANT seeds
B0011RX	BREVANT seeds
B0030L1	BREVANT seeds
B0040L1	BREVANT seeds
B0041RX	BREVANT seeds
B0051RX	BREVANT seeds

ROUNDUP READY SOYBEANS

B0066L1	BREVANT seeds
SI 000919XT	Ceres Global Seeds
SI 001XTN	Ceres Global Seeds
SI 00319XT	Ceres Global Seeds
SI 00620XTN	Ceres Global Seeds
SI 001XTN	Ceres Global Seeds
SI 007XTN	Ceres Global Seeds
SI 000919XT	Ceres Global Seeds
SI 00620XTN	Ceres Global Seeds
RX000918	CROPLAN
RX00797	CROPLAN
CP00120RX	CROPLAN
CP00419RX	CROPLAN
CP000521X	CROPLAN
CP000620RX	CROPLAN
CP00519RX	CROPLAN
CP00621X	CROPLAN
DKB0003-24	DEKALB
DKB0005-44	DEKALB
DKB0008-87	DEKALB
DKB0009-89	DEKALB
DKB002-32	DEKALB
DKB003-29	DEKALB
DKB005-52	DEKALB
DKB006-29	DEKALB
DKB008-48	DEKALB
Badger R2X	NorthStar Genetics
NSC Cartier RR2X	NorthStar Genetics
NSC Culross RR2X	NorthStar Genetics
NSC Dauphin RR2X	NorthStar Genetics



Rutherford farms ltd.
seed service
SUPPLIERS OF QUALITY SEED
SINCE 1950

Rick Rutherford
O: 204-467-5613
C: 204-771-6353
rick@rutherfordfarms.ca

Corey Park
C: 204-461-1631
corey@rutherfordfarms.ca
rutherfordfarms.ca

NorthStar Genetics

WHEAT | BARLEY | OATS | CORN | SOYBEANS

ROUNDUP READY SOYBEANS

NSC EXP0007X	NorthStar Genetics
NSC EXP001LX	NorthStar Genetics
NSC EXP001PX	NorthStar Genetics
NSC Holland RR2X	NorthStar Genetics
NSC Newton RR2X	NorthStar Genetics
NSC Redvers RR2X	NorthStar Genetics
NSC Sperling RR2Y	NorthStar Genetics
NSC Watson RR2Y	NorthStar Genetics
NSC Winkler RR2X	NorthStar Genetics
NSC Wynyard RR2X	NorthStar Genetics
PV 15s0009 R2X	Nutrien Ag Solutions Proven Seed
PV 16s004 R2X	Nutrien Ag Solutions Proven Seed
PV 20s0006 R2X	Nutrien Ag Solutions Proven Seed
PV 22s002 R2X	Nutrien Ag Solutions Proven Seed
P001A48X	Pioneer Hi-Bred
P003A97X	Pioneer Hi-Bred
P005A27X	Pioneer Hi-Bred
P005A83X	Pioneer Hi-Bred
P006A37X	Pioneer Hi-Bred
P007A08X	Pioneer Hi-Bred
P0007A73X	Pioneer Hi-Bred
P00A75X	Pioneer Hi-Bred
P00A49X	Pioneer Hi-Bred
PS 00095 R2	PRIDE Seeds
PS 0068 XR	PRIDE Seeds
PS 0074 R2	PRIDE Seeds
Devo R2X	Prograin Inc
Elmo E3	Prograin Inc
Evo E3	Prograin Inc
Fresco R2X	Prograin Inc
Kudo R2X	Prograin Inc
Mao R2X	Prograin Inc
Mikado R2X	Prograin Inc
Dextro R2X	Prograin Inc
Fresco R2X	Prograin Inc

ROUNDUP READY SOYBEANS

Gecko R2X	Prograin Inc
Mako R2X	Prograin Inc
Merino R2X	Prograin Inc
Torro R2	Prograin Inc
Barker R2X	SeCan
Bourke R2X	SeCan
Fisher R2X	SeCan
Footie R2	SeCan
Hart R2X	SeCan
Mahony R2	SeCan
McLeod R2	SeCan
Merritt R2X	SeCan
Prince R2X	SeCan
Young R2X	SeCan
003-R5X	Syngenta Canada
CW1760842	Syngenta Canada
S0009-F2X	Syngenta Canada
S0009-M2	Syngenta Canada
S001-D8X	Syngenta Canada
S003-Z4X	Syngenta Canada
S005-C9X	Syngenta Canada
S006-M4X	Syngenta Canada
S007-A2XS	Syngenta Canada
S007-Y4	Syngenta Canada
Astro R2	Thunder Seeds Canada
TH 33003R2Y	Thunder Seeds Canada
TH 32004R2Y	Thunder Seeds Canada
TH71001E	Thunder Seeds Canada
TH82006 R2X	Thunder Seeds Canada
TH 87003 R2X	Thunder Seeds Canada
TH 88005R2XN	Thunder Seeds Canada
TH 88007R2X	Thunder Seeds Canada
TH81007 R2XN	Thunder Seeds Canada
TH82005 R2X	Thunder Seeds Canada
TH89004 R2X	Thunder Seeds Canada
TH89009 R2XN	Thunder Seeds Canada
Komodo R2	Maizex seeds
Buffalo R2	Maizex seeds

SUNFLOWERS

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

DISTRIBUTOR**PHONE NUMBER**

Agriculture and Agri Food Canada.....	1-613-759-1610
Alliance Seed	1-877-270-2890
BASF	1-877-371-2273
Bayer CropScience.....	1-888-283-6847
BrettYoung.....	1-800-665-5015
BREVANT seeds	1-800-265-7403
CANTERRA SEEDS	1-877-744-4321
Cargill Ltd.	1-888-855-8558
Ceres Global Seeds	1-888-974-7246
CHS Sunflower.....	1-701-484-5313
DEKALB	1-800-667-4944
FP Genetics.....	1-877-791-1045
Interlake.org Inc.....	1-204-641-0230
Maizex Seeds.....	1-519-682-1720
NorthStar Genetics	1-204-262-2425
Nuseed Americas Inc	1-877-841-7447
Nutrien Ag Solutions Proven Seed	1-855-569-9444
Pioneer Hi-Bred.....	1-306- 385-3001
PRIDE Seeds	1-800-265-5280
SAATBAU LINZ eGen	1-514-609-0881
SeCan	1-800-665-7333
SeedNet	1-403-715-9771
SG CERESCO	1-450-454-2727
Syngenta Canada Inc.....	1-877-964-3682
Thunder Seeds Canada	1-306 213 8888
WinField United CROPLAN	1-306-249-5112

Wheat

AAC Brandon
AAC Starbuck
AAC LeRoy 
CDC SK Rush

Oats

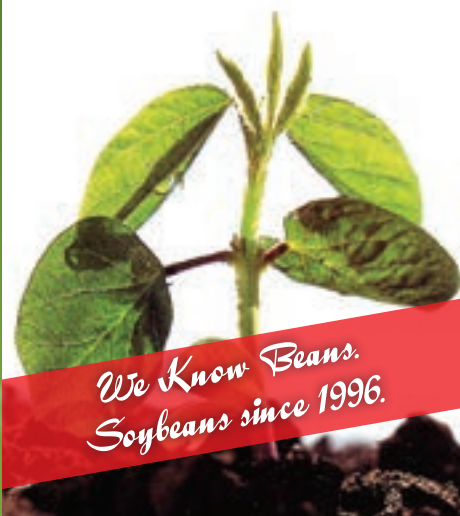
CDC Endure 
AAC Douglas 
CS Camden
Secan ORE42M

Soybeans

PROUD GROWER
AND DEALER OF



Trust our Experience



*We Know Beans.
Soybeans since 1996.*

Contact Murray Froebe or Shannon Clemis

204-745-6655

Homewood, Manitoba

www.agassizseedfarm.com

Leader in Easy-to-Use Liquid Inoculants

That's Where We Come In

XiteBio® PulseRhizo® - Peas, Lentils & Faba Beans

XiteBio® SoyRhizo® - Soybeans

XiteBio® Yield+ - Oilseeds, Cereals, Legumes & Tuber Crops

XiteBio® OptiPlus® - Soybeans

Also Approved
for Organic Use



XiteBio®

Healthier Plants.
Better Yields.



@xitebio



@XiteBio_Ag

www.xitebio.ca

1-855-948-3246

Growers List



FLAX

S=Select; F=Foundation; R=Registered; C=Certified; ☼ Indicates Plant Breeders Rights (PBR) protection under UPOV 1978 and ☼ protected or pending under UPOV 1991.

AAC BRAVO ☼			
Domain; Manness, Ronald & Patricia & Graeme & Adeena	204-782-2173	C	
AAC MARVELOUS ☼			
Domain; Manness, Ronald & Patricia & Graeme & Adeena	204-782-2173	R	
CDC BETHUNE ☼			
Oak Lake; Gerlyn Acres Ltd.	204-855-3128	C	
CDC DORADO ☼			
Holland; Kubinec, Anastasia	204-526-2776	R	
CDC GLAS ☼			
Boissevain; Boissevain Select Seeds	204-534-6846	C	
Crystal City; Buchanan Seeds	204-873-2661	C	
Foxwarren; George Graham Seed Farms Ltd.	204-773-6389	C	
Notre Dame De Lourdes; Durand Seeds Inc.	204-248-2268	F R	
Pilot Mound; Smith, Walter George & Schroeder, David	204-825-2212	C	
Pilot Mound; Wallace, Joe	204-825-4543	R	
Rosenort; Friesen Seeds Ltd.	204-746-8325	R	
Sanford; Bergen, Edward Harry & Tim	204-736-2278	C	
CDC NEELA ☼			
Fannystelle; Nadeau, Brian	204-436-2469	C	
Reston; Avondale Seed Farm Ltd.	204-877-3813	C	
CDC ROWLAND ☼			
Boissevain; Armstrong Seeds, Duncan T. & AJ	204-534-2566	R	
Boissevain; Boissevain Select Seeds	204-534-6846	S F	
Carman; Menold, Thomas	204-750-2682	R	
Crandall; Rolling View Farms Inc.	204-764-0028	R	
Crystal City; Buchanan Seeds	204-873-2661	R	
Dufrost; Catellier, Roger & Richard	204-746-4175	R	
Notre Dame De Lourdes; Durand Seeds Inc.	204-248-2268	S F	
Oak Lake; Gerlyn Acres Ltd.	204-855-3128	R	
Oakville; Miller Agritec Farm Inc.	204-267-2363	R	
Portage La Prairie; Pugh Seeds Ltd.	204-871-1467	R	
Reinland; Ens Farms Ltd.	204-325-4658	R	
Reston; Avondale Seed Farm Ltd.	204-877-3813	R	
Sanford; Bergen, Edward Harry & Tim	204-736-2278	R	
Somerset; Sierens, Joseph & Chris	204-744-2883	R	
Souris; David Kohut Ltd.	204-483-3063	R	
Stonewall; Unger Seed Farm Ltd.	204-467-8630	R	
Wawanesa; Ellis Seeds	204-824-2290	R	

SOYBEANS

AAC HALLI ☼			
Arborg; Johnson, Reginald H., James G. & Tim G.	204-642-2570	S R C	
BADGER R2X			
Grosse Isle; Rutherford Farms Ltd.	204-467-5613	S F	
BARKER R2X			
Carman; RJP Seed Ltd.	204-745-3304	C	
Portage La Prairie; Askin, Raymond T. & Jeffrey S.	204-856-3483	F R	
BISHOP R2			
Arborg; Timchishen, Donald Victor & Darcy	204-641-1288	R	
BOURKE R2X			
Arborg; Timchishen, Donald Victor & Darcy	204-641-1288	F C	
Brandon; Wheat City Seeds Ltd.	204-727-3337	R	

SOYBEANS

S=Select; F=Foundation; R=Registered; C=Certified; ☼ Indicates Plant Breeders Rights (PBR) protection under UPOV 1978 and ☼ protected or pending under UPOV 1991.

Carman; RJP Seed Ltd.	204-745-3304	C	
Navin; David G. James And James Farms Ltd.	204-222-8785	C	
Oak Bank; Willowdale Seeds	204-801-0659	C	
Oak Bluff; Gousseau, Marcel E.	204-981-6953	R	
Oakville; Miller Agritec Farm Inc.	204-267-2363	R	
Portage La Prairie; Askin, Raymond T. & Jeffrey S.	204-856-3483	C	
St Anne; Seine River Seed Farm	204-371-7700	C	
Stonewall; Unger Seed Farm Ltd.	204-467-8630	R	
Warren; Riddell Seed Co.	204-227-5679	S F R	
Wawanesa; Ellis Seeds	204-824-2290	C	
BRIGGS R2X			
Dauphin; Kaleta, James & Debra	204-638-7800	F	
CP000521X			
Rosenort; Friesen Seeds Ltd.	204-746-8325	S R	
CP000620RX			
Rosenort; Friesen Seeds Ltd.	204-746-8325	S F	
CP00120RX			
Rosenort; Friesen Seeds Ltd.	204-746-8325	S R	
CP00419RX			
Rosenort; Friesen Seeds Ltd.	204-746-8325	S R	
CP00519RX			
Rosenort; Friesen Seeds Ltd.	204-746-8325	S R	
CP00621X			
Rosenort; Friesen Seeds Ltd.	204-746-8325	S F	
FISHER R2X			
Ste. Rose Du Lac; PNR Farms	204-477-2118	C	
HART R2X			
Arborg; Timchishen, Donald Victor & Darcy	204-641-1288	S R C	
Carman; RJP Seed Ltd.	204-745-3304	C	
Dufrost; Catellier, Roger & Richard	204-746-4175	C	
Oak Bluff; Gousseau, Marcel E.	204-981-6953	R C	
Warren; Riddell Seed Co.	204-227-5679	S C	
KOMODO R2 ☼			
Grosse Isle; Rutherford Farms Ltd.	204-467-5613	S F	
MAHONY R2			
Brandon; Wheat City Seeds Ltd.	204-727-3337	C	
Dauphin; Kaleta, James & Debra	204-638-7800	C	
Wawanesa; Ellis Seeds	204-824-2290	C	
MAJOR R2X			
Ste. Rose Du Lac; PNR Farms	204-477-2118	R	
MERRITT R2X			
Brandon; Wheat City Seeds Ltd.	204-727-3337	C	
Dufrost; Catellier, Roger & Richard	204-746-4175	C	
MOZART			
Domain; Manness, Ronald & Patricia & Graeme & Adeena	204-782-2173	C	
Fannystelle; Nadeau, Brian	204-436-2469	R C	
MYNARSKI R2X			
Ste. Rose Du Lac; PNR Farms	204-447-2118	R	
NSC AUBIGNY RR2X			
Domain; Pitura, Carl & Calvin C. & Connor J. & Greaves, Tom	204-736-2849	S F C	
Rosenort; Friesen Seeds Ltd.	204-746-8325	C	

SOYBEANS

S=Select; F=Foundation; R=Registered; C=Certified; ® Indicates Plant Breeders Rights (PBR) protection under UPOV 1978 and ® protected or pending under UPOV 1991.

NSC CARTIER RR2X

Domain; Manness, Ronald & Patricia & Graeme & Adeena	204-782-2173	F R
Domain; Pitura, Carl & Calvin C. & Connor J. & Greaves, Tom	204-736-2849	C
Hazelridge; Saramaga, Robert P. & Andrew	204-771-0951	C
Rosenort; Friesen Seeds Ltd.	204-746-8325	C

NSC DAUPHIN RR2X

Domain; Pitura, Carl & Calvin C. & Connor J. & Greaves, Tom	204-736-2849	S F
Grosse Isle; Rutherford Farms Ltd.	204-467-5613	S R
Oak River; J.S. Henry & Son Ltd.	204-566-2422	S R
Reston; Avondale Seed Farm Ltd.	204-877-3813	R
Russell; Keating Seed Farms Inc.	204-773-3854	R

NSC EXP0007X

Domain; Pitura, Carl & Calvin C. & Connor J. & Greaves, Tom	204-736-2849	R
Grosse Isle; Rutherford Farms Ltd.	204-467-5613	R

NSC EXP001LX

Grosse Isle; Rutherford Farms Ltd.	204-467-5613	R
Oak River; J.S. Henry & Son Ltd.	204-566-2422	R

NSC EXP001PX

Grosse Isle; Rutherford Farms Ltd.	204-467-5613	S F
Oak River; J.S. Henry & Son Ltd.	204-566-2422	S F

NSC GLADSTONE RR2Y

Grosse Isle; Rutherford Farms Ltd.	204-467-5613	C
St. Claude; Rouire, Roland & Guy	204-379-2582	R

NSC HOLLAND RR2X

Domain; Manness, Ronald & Patricia & Graeme & Adeena	204-782-2173	R
Domain; Pitura, Carl & Calvin C. & Connor J. & Greaves, Tom	204-736-2849	S F R
Grosse Isle; Rutherford Farms Ltd.	204-467-5613	R
Hazelridge; Saramaga, Robert P. & Andrew	204-771-0951	C
Homewood; Agassiz Seed Farm	204-745-6655	C
Rosenort; Friesen Seeds Ltd.	204-746-8325	S R
St. Claude; Rouire, Roland & Guy	204-379-2582	R

NSC REDVERS RR2X

Darlingford; Morrow, Graham	204-362-8986	C
Oak River; J.S. Henry & Son Ltd.	204-566-2422	C
Plumas; Court Seeds Ltd.	204-386-2354	C
Reston; Avondale Seed Farm Ltd.	204-877-3813	C

NSC RICHER RR2Y

Domain; Manness, Ronald & Patricia & Graeme & Adeena	204-782-2173	C
--	--------------	---

NSC SPERLING RR2Y

Darlingford; Morrow, Graham	204-362-8986	C
Domain; Manness, Ronald & Patricia & Graeme & Adeena	204-782-2173	C
Domain; Pitura, Carl & Calvin C. & Connor J. & Greaves, Tom	204-736-2849	R C
Fannystelle; Nadeau, Brian	204-436-2469	C
Grosse Isle; Rutherford Farms Ltd.	204-467-5613	R
Hazelridge; Saramaga, Robert P. & Andrew	204-771-0951	C
Homewood; Agassiz Seed Farm	204-745-6655	C
Rosenort; Friesen Seeds Ltd.	204-746-8325	S C

NSC WATSON RR2Y

Domain; Pitura, Carl & Calvin C. & Connor J. & Greaves, Tom	204-736-2849	R
Grosse Isle; Rutherford Farms Ltd.	204-467-5613	C
Reston; Avondale Seed Farm Ltd.	204-877-3813	C
Russell; Keating Seed Farms Inc.	204-773-3854	C
St. Claude; Rouire, Roland & Guy	204-379-2582	C

ADAPT. DIVERSIFY. INNOVATE.

16 YEARS OF FARMING HAS TAUGHT ME A THING OR TWO.

DEKALB® soybean seed from Bayer lets you diversify with confidence. Innovative technology delivers top performing varieties specifically created for Western Canada fields. Choose the variety for your field's needs and get the high yield potential you demand whether you've been growing soybeans for years or are new to the crop.

THE SEED FOR EVERY SEASON

DEKALB.ca | 1 888-283-6847 | @DEKALB_Canada | @Bayer4CropsCA | #AskBayerCrop

Bayer is a member of Excellence Through Stewardship® (ETS). Bayer products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with Bayer's Policy for Commercialization of Biotechnology-Derived Plant Products in Commodity Crops. These products have been approved for import into key export markets with functioning regulatory systems. Any crop or material produced from these products can only be exported to, or used, processed or sold in countries where all necessary regulatory approvals have been granted. It is a violation of national and international law to move material containing biotech traits across boundaries into nations where import is not permitted. Growers should talk to their grain handler or product purchaser to confirm their buying position for these products. Excellence Through Stewardship® is a registered trademark of Excellence Through Stewardship.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Ready 2 Yield® Technology contains genes that confer tolerance to glyphosate. Roundup Ready 2 Xtend® soybeans contains genes that confer tolerance to glyphosate and dicamba. Glyphosate will kill crops that are not tolerant to glyphosate. Dicamba will kill crops that are not tolerant to dicamba. Contact your local crop protection dealer or call the technical support line at 1 888-283-6847 for recommended Roundup Ready® Xtend Crop System weed control programs. Bayer, Bayer Cross, DEKALB and Design®, DEKALB®, Roundup Ready 2 Xtend® and Roundup Ready 2 Yield® are trademarks of Bayer Group. Bayer CropScience Inc. is a member of CropLife Canada. ©2021 Bayer Group. All rights reserved.



SOYBEANS

S=Select; F=Foundation; R=Registered; C=Certified; ☼ Indicates Plant Breeders Rights (PBR) protection under UPOV 1978 and ☼ protected or pending under UPOV 1991.

NSC WINKLER RR2X			
Domain; Manness, Ronald & Patricia & Graeme & Adeena	204-782-2173	C	
Domain; Pitura, Carl & Calvin C. & Connor J. & Greaves, Tom	204-736-2849	S F R	
Hazelridge; Saramaga, Robert P. & Andrew	204-771-0951	C	
Rosenort; Friesen Seeds Ltd.	204-746-8325	R C	
OAC MORDEN☼			
Carman; Ulrich & Monika Menold Ltd.	204-745-2822	S F	
OAC PRUDENCE			
Carman; Ulrich & Monika Menold Ltd.	204-745-2822	S F	
PIKAS R2X			
Grosse Isle; Rutherford Farms Ltd.	204-467-5613	S F	
PRINCE R2X			
Portage La Prairie; Askin, Raymond T. & Jeffrey S.	204-856-3483	C	
Ste. Rose Du Lac; PNR Farms	204-447-2118	C	
PS0068XR			
Lowe Farm; MB Seeds Ltd.	204-746-2187	C	
RX000918			
Rosenort; Friesen Seeds Ltd.	204-746-8325	S R	

SOYBEANS

S=Select; F=Foundation; R=Registered; C=Certified; ☼ Indicates Plant Breeders Rights (PBR) protection under UPOV 1978 and ☼ protected or pending under UPOV 1991.

SI 007XTN			
Sanford; Bergen, Edward Harry & Tim	204-736-2278	R	
SI 00820XTN			
Sanford; Bergen, Edward Harry & Tim	204-736-2278	R	
SUNNA R2X			
Domain; Manness, Ronald & Patricia & Graeme & Adeena	204-782-2173	F R	
St Anne; Seine River Seed Farm	204-371-7700	R	
TH 88005R2XN			
Morris; Darrel Marion Farms Ltd.	204-758-3463	C	
TRIQUET R2X			
Carman; Ulrich & Monika Menold Ltd.	204-745-2822	S	
VARUNA R2			
Grosse Isle; Rutherford Farms Ltd.	204-467-5613	S F R	
YOUNG R2X			
Arborg; Timchishen, Donald Victor & Darcy	204-641-1288	S F	C
Darlingford; Morrow, Graham	204-362-8986	C	
Kenton; Stevenson, Richard D.O. & Douglas	204-838-2696	F	C
Kenton; Stevenson, Robert H. & Sidney H.	204-838-2012	F	C
Miniota; Walkers Seed Services	204-748-7264	C	
Reston; Avondale Seed Farm Ltd.	204-877-3813	C	
Warren; Riddell Seed Co.	204-227-5679	S F	C
Wawanesa; Ellis Seeds	204-824-2290	S	C

BETTER SEARCH. BETTER RESULTS.

With the new and improved **AGDealer.com**

AgDealer now features a new enhanced search bar and results page.

AGDealer.com is new and improved to help you find the farm equipment you are looking for faster. With over 30,000 used equipment listings, we've made it easier to find what you are looking for.

Visit the **NEW & IMPROVED!** AgDealer.com to find your equipment - **FAST!**

AGDealer.com

Pulse Crops

Variety Description Key

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

Except for the long-term average yield, variety description information is 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.

"Resistance Level" ratings: VG = Very Good; G = Good; F = Fair; P = Poor; VP = Very Poor; "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.

☞ Indicates a variety that is protected by Plant Breeder's Rights legislation that complies with UPOV 1978

☞ Indicates a variety that is protected by, or has been applied for and is pending, Plant Breeder's Rights legislation that complies with UPOV 1991

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

Key to 2021 Yield Tables

Yields derived over two 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.



Manitoba Agriculture Variety Guide

FABABEANS

Comments:

The fababean variety trial was tested by MCVET and sponsored by the Manitoba Pulse & Soybean Growers.

Traditionally, tannin fababean with tan coloured seed coats and coloured flowers contain tannins and can't be fed directly to livestock.

Low tannin fababeans have white seed coats and flowers and can be fed directly to livestock.

Variety Descriptions

Class/Variety	% of Check	Site Years Tested	Days to Maturity ¹	TKW (g)	2021 Yield % Check Variety	
					Dauphin	Morden
Colored Flower (Tannin)						
Fabelle☺	100	2	105	533	100	100
Victus☺	93	2	129	401	93	94
CHECK CHARACTERISTICS						
Fabelle (tannin)	3223 lbs/ac	2 Site Years	105	Fabelle (lbs/acre) CV% LSD (%) Sign Diff	5225 4.0 6 Yes	1220 12.3 19 Yes
White Flower (Low Tannin)						
DL Tesoro☺	102	2	110	511	117	123
DL Nevado☺	94	1	101	421	94	—
Navi☺	90	2	129	401	106	105
Snowbird☺	85	2	104	448	100	100
Tabasco☺	98	2	106	530	110	120
219-16☺	99	2	115	350	101	97
DL Rico☺	86	2	109	566	82	91
CHECK CHARACTERISTICS						
Snowbird (Low Tannin)	2719 lbs/ac	2 Site Years	105 days	Snowbird (lbs/acre) CV% LSD (%) Sign Diff	4392 4.0 7 Yes	1047 12.3 22 Yes
				Seeding Date	07-May	05-May
				Harvest Date	23-Sep	22-Sep

¹ Maturity ratings are based on days until swathing, but will vary depending on seeding date




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

Working for You

For more information visit manitobapulse.ca

Follow us    

FIELD BEANS — MANITOBA NARROW ROW ADAPTATION TRIALS

Comments:

Long term yield data and days to maturity are from Manitoba Pulse & Soybeans Growers (MPSG) Trials grown in 10 to 12 inch row spacing.

More detailed measurements from the trials are available to MPSG 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.

Variety Descriptions

Bean Class	Variety	Years Tested			Yield % Check	Site Years Tested	Maturity ¹ (days) +/- Check
		2021	2020	2019			
Small Seeded Types					% CDC Blackstrap		+/- CDC Blackstrap
Black	CDC BlackstrapØ	x	x	x	100	26	0
Black	CDC Jet	x	x	x	88	26	5
Black	CDC SuperJet	x	x	x	95	26	4
Black	Black Tails	x			110	5	5
Black	Eclipse	x	x	x	100	14	4
Navy	AAC Argosy	x	x		88	8	8
Navy	AAC Shock	x	x	x	86	13	6
Navy	Armada	x			84	3	9
Navy	Bolt		x	x	81	14	7
Navy	HMS Medalist		x		78	3	3
Navy	Indi	x		x	92	10	6
Navy	Nautica		x		85	7	10
Navy	OAC Fusion	x			93	3	2
Navy	Rogue	x			98	3	8
Navy	SV1893GHØ		x		88	5	4
Navy	T9905	x	x	x	86	15	9
Large Seeded Types					% Windbreaker		+/- Windbreaker
Pinto	CDC WM-3Ø	x			88	3	-3
Pinto	SV6139GRØ	x	x	x	109	8	-1
Pinto	SV6533GRØ			x	94	2	0
Pinto	Windbreaker	x	x	x	100	15	0
Varieties that are registered in the US or being tested or proposed for registration in Canada							
Pinto	ND PalominoØ	x	x		102	3	3
CHECK CHARACTERISTICS					Yield	Site	Days to
	Bean Grouping			Check Varieties	(lbs/ac)	Years	Maturity
	Small seeded			CDC Blackstrap	2780	23	95
	Large seeded			Windbreaker	2505	12	100

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

FIELD BEANS — WIDE ROW TRIALS

Comments:

Long term yield data and days to maturity are from Manitoba Pulse & Soybean Growers (MPSG) trials.

Individual site and more detailed measurements from these trials are available to MPSG members and will be distributed in the Winter Edition of the Pulse Beat magazine.

Results are from row crop trials located at Morden, Portage, Carman, and Winkler sites.

Variety Descriptions

MARKET CLASS/Variety	Years tested			Yield % of Check	Site Years Tested	Maturity ¹ (days)
	2021	2020	2019			+/- Check
NAVY				% of T9905		+/- T9905
AAC Argosy	x	x		105	13	0
AAC Shock	x	x		96	9	-3
Armada	x	x		103	5	0
Bolt		x		93	19	-2
HMS Medalist		x	x	99	6	1
Indi	x	x	x	101	29	-3
Nautica		x		89	18	0
Rogue	x			93	1	-2
SV1893GH		x		95	13	1
T9905	x	x	x	100	37	0
Valiant	x			105	1	-6
Varieties that are registered in the US or being tested or proposed for registration in Canada						
15095		x	x	101	6	3
HMS Victory	x	x	x	104	7	-2
S09-27C			x	86	2	-4
PINTO				% of Windbreaker		+/- Windbreaker
CDC WM-3	x			82	1	-3
Cowboy	x	x	x	109	7	3
Gleam	x			112	1	3
La Paz		x	x	99	21	5
Monterrey		x	x	106	20	3
SV6139GR	x	x	x	104	26	-2
Vibrant	x	x	x	108	18	-1
Windbreaker	x	x	x	100	57	0
Varieties that are registered in the US or being tested or proposed for registration in Canada						
11278			x	104	6	-1
16-NP1		x		86	4	4
19-279		x		96	4	7
19-382		x		89	4	5
20-241	x			91	1	-3
20-262	x			85	1	1
20-310	x			107	1	3
Mystic	x			110	1	2
ND Palomino	x	x	x	105	7	5
BLACK				% of Eclipse		+/- Eclipse
Ace	x	x	x	99	7	-1
Black Tails	x	x	x	99	7	0
CDC Blackstrap	x	x		94	18	-5
CDC Jet	x	x		89	44	-1
CDC Superjet	x	x		88	32	-1
Eclipse	x	x	x	100	46	0
Zenith			x	96	6	3
Varieties that are registered in the US or being tested or proposed for registration in Canada						
W11-02-152			x	83	2	0
PINK				% of Floyd		+ / - Floyd
Floyd			x	100	27	0
CRANBERRY				% of Etna		+/- Etna
AAC Scotty			x	111	14	5
Etna	x	x	x	100	59	0
OAC Candycane	x	x		129	4	5
OAC Racer	x	x		111	4	-1

MARKET CLASS/Variety	Years tested			Yield % of Check	Site Years Tested	Maturity ¹ (days) +/- Check	
	2021	2020	2019				
Varieties that are registered in the US or being tested or proposed for registration in Canada							
AGT01		x		76	3	1	
Amaranto		x		101	3	-3	
CR10875			x	92	2	-1	
Krimson	x	x	x	102	22	-1	
SV3709GC			x	109	6	-4	
FLOR DE JUNIO				% of Windbreaker		+/- Windbreaker	
CDC Ray	x			126	1	9	
GREAT NORTHERN				% of Pink Panther		+/- of Pink Panther	
Andromeda	x			123	4	-4	
Aries	x	x	x	135	14	0	
Virgo	x			139	4	6	
Varieties that are registered in the US or being tested or proposed for registration in Canada							
14164	x			129	4	-2	
Powderhorn			x	133	8	-3	
DARK RED KIDNEY				% of Pink Panther		+/- of Pink Panther	
Dynasty	x	x		100	7	7	
Gallantry	x			125	1	11	
Montcalm			x	81	5	6	
Red Hawk			x	67	15	4	
Varieties that are registered in the US or being tested or proposed for registration in Canada							
161164		x		74	3	5	
Red Rover		x		56	6	5	
LIGHT RED KIDNEY				% of Pink Panther		+/-Pink Panther	
Big Red		x	x	99	24	0	
Pink Panther	x	x	x	100	57	0	
Varieties that are registered in the US or being tested or proposed for registration in Canada							
Red Dawn		x		99	8	-9	
MAYOCOBA- Yellow				% of Windbreaker		+/- Windbreaker	
CDC Sunburst	x			100	1	-4	
Varieties that are registered in the US or being tested or proposed for registration in Canada							
Claim Jumper	x			82	1	9	
Nugget	x			83	1	3	
WHITE KIDNEY				% of Pink Panther		+/-Pink Panther	
Yeti	x			109	1	9	
				First Year Tested	Yield (lbs/ac)	Site Years Tested	Maturity (days)
Check Varieties							
Eclipse				2005	2436	46	97
Etna				2007	1752	59	100
Floyd				2005	2400	27	92
Pink Panther				2001	1973	57	99
T9905				2009	2350	37	102
Windbreaker				2002	2648	57	95

¹ Annual weather variations will impact 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 has, increases your risk of frost damage and lower returns.

FIELD PEAS

Variety Descriptions

Variety	Yield % Check	Site Years Tested	Relative ¹ Maturity	Relative Vine Length	Seed Size (TKW)	Resistance Level to:							
						Lodging	Powdery Mildew	Mycos- phaerella blight	Fusarium ² Wilt	Seed Coat			
										Green ³	Breakage	Dimpling ⁴	Bleaching
Yellow													
AAC Aberdeen☺	105	16	Mid	M	250	VG	VG	F	F	G	F	F	n/a
AAC Ardill	100	35	Mid	M	240	G	VG	F	G	G	G	G	n/a
AAC Asher☺	103	12	Mid	S	260	G	VG	F	F	G	F	F	n/a
AAC Beyond☺	97	8	Mid	M	210	G	VG	F	G	n/a	F	n/a	n/a
AAC Carver☺	104	38	Early	L	240	G	VG	F	F	G	G	G	n/a
AAC Chrome☺	109	34	Long	M	240	G	VG	F	F	G	G	G	n/a
AAC Delhi☺	103	22	Mid	M	290	G	VG	F	F	G	F	F	n/a
AAC Julius☺	100	9	Mid	M	210	G	VG	F	G	n/a	G	n/a	n/a
AAC Lacombe☺	101	42	Long	L	270	G	VG	F	F	F	F	G	n/a
AAC Profit☺	102	21	Mid	M	230	G	VG	F	F	G	F	G	n/a
CDC Amarillo	100	44	Long	M	230	VG	VG	F	G	G	F	F	n/a
CDC Athabasca☺	96	28	Long	L	300	VG	VG	F	G	G	F	F	n/a
CDC Canary☺	99	28	Early	L	230	VG	VG	F	F	F	G	F	n/a
CDC Inca☺	105	42	Mid	L	230	G	VG	F	F	F	G	G	n/a
CDC Lewochko☺	103	28	Mid	L	230	VG	VG	F	F	G	G	G	n/a
CDC Meadow	98	85	Early	M	220	G	VG	F	F	G	G	G	n/a
CDC Saffron	98	49	Mid	M	250	G	VG	F	F	G	G	F	n/a
CDC Spectrum☺	96	28	Long	L	240	VG	VG	F	F	G	G	G	n/a
Green													
AAC Comfort☺	98	24	Long	M	260	G	VG	F	F	n/a	G	G	G
Blueman☺	99	15	Long	M	230	G	VG	F	F	n/a	VG	G	F
CDC Forest☺	103	28	Long	L	230	G	VG	F	F	n/a	G	G	G
CDC Greenwater	98	34	Mid	M	220	G	VG	F	G	n/a	VG	G	G
CDC Limerick	97	43	Long	M	210	VG	VG	F	F	n/a	VG	G	G
CDC Rider☺	94	9	Long	M	220	VG	VG	F	G	n/a	G	G	G
CDC Spruce☺	99	19	Long	L	240	G	VG	F	F	n/a	F	F	G
CDC Striker	89	89	Early	M	230	VG	P	F	G	n/a	VG	G	G
Maple													
AAC Liscard	94	24	Early	M	180	G	VG	F	n/a	n/a	n/a	n/a	n/a
Forage													
CDC Jasper☺	87	16	Mid	L	180	F	VG	F	n/a	G	G	G	n/a
DL Delicious☺	79	15	Long	VL	220	P	n/a	F	n/a	n/a	VG	F	n/a
DL Lacross	92	22	Mid	VL	190	F	n/a	F	n/a	F	VG	G	n/a
LSD (.05) 4													
CHECK CHARACTERISTICS													
CDC Armarillo	75		91										
	bu/ac		Days										

1 Maturity Ratings Determined at Hamiota Melita, Morden, Melita, Swan River, -3 days considered early, 0 to +3 days considered long.

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

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

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

For Protein data on Peas please go to Seed Manitoba online: seedmb.ca

2022-2023 Yellow Pea Contracts

Full Production Contract

Receive premium on full production on the MTs/acres when signing up with Roquette

Certified seed of any yellow pea variety is required

On-Farm Pickup

Free on-farm pickup
Guaranteed delivery periods

Act of God

Act of God on full productions offers risk-free forward pricing options

Contract and delivery premiums

Contact

Molly Slezak 204-290-9461
Derek MacLean 204-391-7364

**GROW WITH
ROQUETTE**

ROQUETTE
Offering the best of nature™

Nutralys®
PLANT PROTEIN BY ROQUETTE

Visit [GrowWithRoquette.com](https://growwithroquette.com) for more information on Roquette and the Portage pea protein plant.

Yield Comparisons

Variety	2021 Yield % CDC Amarillo								
	Carberry	Hamiota	Holland	Melita	Morden	Portage	Roblin	Souris	Swan River
Yellow									
AAC Aberdeen	140	116	103	120	104	114	121	99	105
AAC Beyond	127	127	104	109	—	97	100	94	112
AAC Carver	127	112	110	98	92	109	104	101	110
AAC Chrome	131	135	111	123	108	114	114	107	98
AAC Delhi	137	120	120	111	102	116	91	96	99
AAC Julius	134	113	101	101	106	107	120	94	113
AAC Lacombe	113	98	115	106	104	107	105	104	112
AAC Profit	150	111	106	108	96	111	100	104	100
CDC Amarillo	100	100	100	100	100	100	100	100	100
CDC Athabasca	127	102	99	104	96	100	94	95	101
CDC Canary	129	120	109	107	93	95	91	100	101
CDC Inca	122	132	107	107	101	108	113	104	108
CDC Lewochko	133	119	104	108	106	106	104	99	101
CDC Spectrum	127	109	96	101	98	110	87	95	104
Green									
Bluelman	121	124	103	113	97	99	93	95	98
CDC Forest	122	137	108	116	105	109	100	98	121
CDC Limerick	119	127	113	106	113	102	110	86	85
CDC Rider	128	100	89	109	91	102	106	90	103
Forage									
CDC Jasper	123	116	96	112	110	98	99	94	94
DL Delicious	126	97	84	82	88	83	90	87	80
DL Lacross	116	111	117	106	92	102	94	96	85
CDC Amarillo (bu/ac)	36	49	58	40	36	72	61	136	59
CV %	13.7	6.7	7.4	8.3	9.5	3.8	9.5	3.2	8.6
LSD (%)	—	13	13	—	16	6	—	5	—
Sign Diff	No	Yes	Yes	No	Yes	Yes	No	Yes	No
Seeding Date	05-May	06-May	12-May	28-Apr	05-May	14-May	04-May	10-May	11-May
Harvest Date	16-Aug	13-Aug	06-Aug	12-Aug	22-Sep	18-Aug	17-Aug	30-Aug	30-Aug

Is the grass greener
on the other side of the fence?

Benchmark your farming practices with the Manitoba Management Plus Program

- Access unbiased and aggregated on-farm variety and yield information from Manitoba producers.
- Compare your varieties and yield performance with your neighbours to make smarter decisions and reduce your risk of losses.
- Determine the best crops to plant and find other useful agronomic information.

To learn more, go to masc.mb.ca/mmpp



Distributor Contacts for Listed Varieties in Seed Manitoba 2022

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.

FABABEANS

219-16☺	SeCan
DL Nevado☺	DL Seeds
DL Rico☺	Prairie Fava
DL Tesoro☺	Ridell Seed Farms
Fabelle☺	SeedNet
Navi☺	KGB Meier
Snowbird☺	Cyre Seed Farms
Tabasco☺	Ridell Seed Farms
Victus☺	DL Seeds

FIELD BEANS

NAVY

AAC Argosy	Various Bean Dealers
AAC Shock	Various Bean Dealers
Armada	ADM - Seedwest
Bolt	Hensall District Coop
Fathom	University of Guelph
HMS Medalist	ADM - Seedwest
Indi	ADM - Seedwest
Nautica	Hensall District Coop
OAC Fusion	Various Bean Dealers
OAC Spark	University of Guelph
Rogue	Hensall District Coop
SV1893GH☺	CANTERRA SEEDS
T9905	Treasure Valley Seed Company
Valiant	ADM - Seedwest

PINTO

CDC Pintium	Various Bean Dealers
CDC WM-2☺	University of Saskatchewan
CDC WM-3☺	Rudy Agro Ltd.
Cowboy☺	University of Saskatchewan
Gleam	ADM - Seedwest
La Paz	ADM - Seedwest
Monterrey	ADM - Seedwest
SV6139GR☺	CANTERRA SEEDS
SV6533GR☺	CANTERRA SEEDS
Vibrant	ADM - Seedwest
Windbreaker	CANTERRA SEEDS

PINK

Floyd	ADM - Seedwest
-------	----------------

BLACK

Ace	Various Bean Dealers
Black Tails	Various Bean Dealers
CDC Blackstrap☺	Ben Martens Charlois & Seed
CDC Jet	Ben Martens Charlois & Seed
CDC SuperJet	Ben Martens Charlois & Seed
Eclipse☺	Western Harvest Bean
Zenith	Treasure Valley Seed Company

CRANBERRY

AAC Scotty	Agriculture and Agri-Food Canada
Etna	Seminis Vegetable Seeds
OAC Candycane	Various Bean Dealers
OAC Racer	Various Bean Dealers

DARK RED KIDNEY

Dynasty	University of Guelph
Gallantry	Hensall District Coop
Montcalm	Various Bean Dealers

Red Hawk

LIGHT RED KIDNEY

Big Red	Various Bean Dealers
Pink Panther	Various Bean Dealers

WHITE KIDNEY

Yeti	Various Bean Dealers
------	----------------------

GREAT NORTHERN

Andromeda	Various Bean Dealers
Aries	Various Bean Dealers
Virgo	Various Bean Dealers

FLOR DE JUNIO

CDC Ray	University of Saskatchewan
---------	----------------------------

YELLOW

CDC Sunburst	Rudy Agro Ltd.
--------------	----------------

FIELD PEAS

AAC Aberdeen☺	Alliance Seed
AAC Ardill	Wagon Wheel Seed Corp.
AAC Asher☺	Agriculture and Agri-Food Canada
AAC Beyond☺	CANTERRA SEEDS
AAC Carver☺	CANTERRA SEEDS
AAC Chrome☺	FP Genetics
AAC Comfort☺	CANTERRA SEEDS
AAC Julius☺	FP Genetics
AAC Lacombe☺	SeedNet Inc
AAC Liscard	Wagon Wheel Seed Corp.
AAC Profit☺	FP Genetics
Abarth☺	FP Genetics
Bluman	SeedNet Inc
CDC Amarillo	Saskatchewan Pulse Growers
CDC Athabasca☺	SeCan
CDC Canary☺	SeCan
CDC Forest☺	SeCan
CDC Greenwater	Saskatchewan Pulse Growers
CDC Inca☺	Saskatchewan Pulse Growers
CDC Jasper☺	DL Seeds
CDC Lewochko☺	SeCan
CDC Limerick	Saskatchewan Pulse Growers
CDC Meadow	Saskatchewan Pulse Growers
CDC Rider	Saskatchewan Pulse Growers
CDC Saffron	Saskatchewan Pulse Growers
CDC Spectrum☺	SeCan
CDC Spruce☺	SeCan
CDC Spruce☺	SeCan
CDC Striker	Saskatchewan Pulse Growers
DL Delicious☺	FP Genetics
DL Lacross	FP Genetics

DISTRIBUTOR

PHONE NUMBER

ADM - Seedwest	1-800-637-5843
Agriculture and Agri-Food Canada.....	1-613-773-1000
Alliance Seed	1-877-270-2890
Ben Martens Charolais & Seed.....	1-204-534-6952
CANTERRA SEEDS	1-877-439-7333
Columbia Seeds.....	1-403-654-2158
Cyre Seed Farms	1-780-349-4775
FP Genetics.....	1-877-791-1045
Hensall District Coop.....	1-204-295-3938
KGB Meier.....	1-306-277-2110
Prairie Fava	1-204-720-7282
Riddell Seed Co.....	1-204-227-5679
Rudy Agro	1-306-873-8670
Saskatchewan Pulse Growers	1-306-668-5556
SeCan	1-800-665-7333
SeedNet Inc.....	1-403-715-9771
Seminis Vegetable Seeds	1-519-351-7640
Treasure Valley Seed Company	1-218-791-6159
University of Saskatchewan	1-306-966-5855

Growers List



FABA BEAN

S=Select; F=Foundation; R=Registered; C=Certified; ☼ Indicates Plant Breeders Rights (PBR) protection under UPOV 1978 and ☼ protected or pending under UPOV 1991;.

DL RICO☼			
Crandall; Rolling View Farms Inc.....	204-764-0028	C	
Glenboro; Jefferies, Ron & Cale.....	204-827-2102	C	
DL TESORO☼			
Oakville; Miller Agritec Farm Inc.....		C	
Warren; Riddell Seed Co.....	204-227-5679	S	R
VICTUS☼			
Glenboro; Jefferies, Ron & Cale.....	204-827-2102	F	

FIELD BEAN

CDC BLACKSTRAP☼			
Boissevain; Martens, Ben F. & John J. & Ryan		R	
SV6139GR☼			
Portage La Prairie; Sissons Farms Ltd.....	204-857-7341	C	
WINDBREAKER			
Altona; Wiebe, Henry D. & Lloyd	204-324-7999	C	
Homewood; Agassiz Seed Farm	204-745-6655	C	
Portage La Prairie; Sissons Farms Ltd.....	204-857-7341	C	
Reinland; Ens Farms Ltd.....	204-325-4658	C	

FIELD PEAS

AAC ABERDEEN☼			
Foxwarren; Falloon, A. Scott.....	204-773-6567	R	
AAC BEYOND☼			
Stonewall; Unger Seed Farm Ltd.....	204-467-8630	S	

FIELD PEAS

S=Select; F=Foundation; R=Registered; C=Certified; ☼ Indicates Plant Breeders Rights (PBR) protection under UPOV 1978 and ☼ protected or pending under UPOV 1991.

AAC CARVER☼			
Boissevain; Armstrong Seeds, Duncan T. & AJ.....	204-534-2566	R	C
Boissevain; Boissevain Select Seeds.....	204-534-6846		C
Dauphin; Fisher Farms Ltd.....	204-622-8800	R	
Domain; Pitura, Carl & Calvin C. & Connor J. & Greaves, Tom			
	204-736-2849	R	C
Glenboro; Jefferies, Ron & Cale.....	204-827-2102	F	C
Holland; Zeghers Seed Inc.	204-526-2145		C
Letellier; Seed-Ex Inc.	204-391-3145		C
Oakville; Miller Agritec Farm Inc.....	204-267-2363		C
Pilot Mound; Wallace, Joe	204-825-4543		C
Rosenort; Friesen Seeds Ltd.....	204-746-8325	R	
Russell; Keating Seed Farms Inc.	204-773-3854		C
Sanford; Bergen, Edward Harry & Tim.....	204-736-2278	S	F R
Stonewall; Unger Seed Farm Ltd.....	204-467-8630	S	F C

AAC CHROME☼			
Arborg; Timchishen, Donald Victor & Darcy	204-641-1288	S	F R C
Boissevain; Armstrong Seeds, Duncan T. & AJ.....	204-534-2566		C
Boissevain; Boissevain Select Seeds.....	204-534-6846		C
Brunkild; SKT Farms Inc	204-795-6507		C
Carman; RJP Seed Ltd.....	204-745-3304	R	C
Domain; Manness, Ronald & Patricia & Graeme & Adeena			
	204-782-2173	R	
Domain; Pitura, Carl & Calvin C. & Connor J. & Greaves, Tom			
	204-736-2849	R	
Elphinstone; Gerrard, Jody.....	204-365-0321		C
Gilbert Plains; T & S Seeds.....	204-548-2805	R	
Grandview; Triple S Seeds Ltd	204-638-2004	R	C
Grosse Isle; Rutherford Farms Ltd.	204-467-5613		C
Hamiota; Knight, Ronald M. & Jeff	204-764-2450	R	C
Killarney; Bar H Agri Seeds.....	204-523-7464	R	C
Manitou; Sanders Seed Farm.....	204-242-4200		C
Oak River; J.S.Henry & Son Ltd.....	204-566-2422		C
Pilot Mound; Smith, Walter George & Schroeder, David			
	204-825-2212	R	C

Become a grower with Merit!

We're Merit Functional Foods.

We are producing the next generation of high purity and highly functional plant protein ingredients in our state-of-the-art facility in Winnipeg, MB, using our disruptive patented technology and purification process.

We proudly source our pea and canola from Western Canadian growers just like you!

Merit's pea and canola are:



- ☼ Canadian company
- ☼ Contracts available for non-GMO yellow peas and canola
- ☼ Picked up on farm
- ☼ Competitive contracts
- ☼ Full act of god clause
- ☼ Contracting partnership with Pitura Seeds



Contact Steve Tapley at Pitura Seeds:
P: (431) 374.8724 / E: grow@meritfoods.com

meritfoods.com/growers



FIELD PEAS

S=Select; F=Foundation; R=Registered; C=Certified; ☼ Indicates Plant Breeders Rights (PBR) protection under UPOV 1978 and ☼ protected or pending under UPOV 1991;

Russell; Keating Seed Farms Inc.	204-773-3854	R C
Somerset; Sierens, Joseph & Chris	204-744-2883	R C
St Anne; Seine River Seed Farm	204-371-7700	C

AAC JULIUS☼

Boissevain; Boissevain Select Seeds	204-534-6846	S
---	--------------	---

AAC LACOMBE☼

Boissevain; Boissevain Select Seeds	204-534-6846	C
---	--------------	---

AAC PROFIT☼

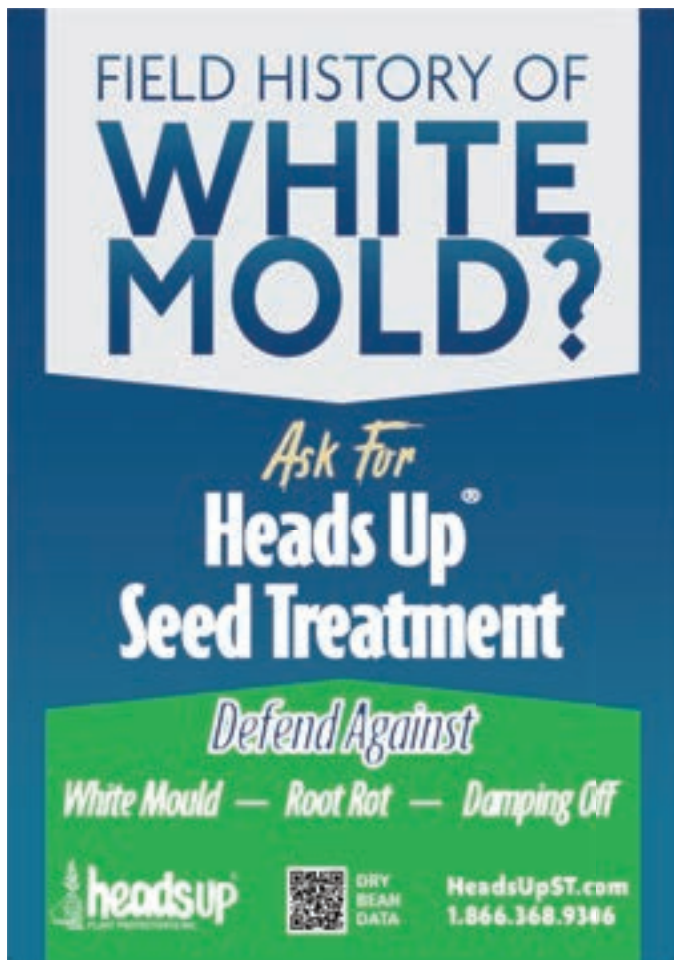
Boissevain; Armstrong Seeds, Duncan T. & AJ	204-534-2566	C
Boissevain; Boissevain Select Seeds	204-534-6846	C
Carman; RJP Seed Ltd.	204-745-3304	S F C
Domain; Manness, Ronald & Patricia & Graeme & Adeena	204-782-2173	F C
Elphinstone; Gerrard, Jody	204-365-0321	C
Hamiota; Knight, Ronald M. & Jeff	204-764-2450	C
Holland; Zeghers Seed Inc.	204-526-2145	C
Plumas; Court Seeds Ltd.	204-386-2354	C
Rivers; Redsper Enterprises	204-328-5346	C
Somerset; Sierens, Joseph & Chris	204-744-2883	C

ABARTH☼

Gilbert Plains; T & S Seeds	204-548-2805	C
-----------------------------------	--------------	---

CDC AMARILLO

Brandon; Wheat City Seeds Ltd.	204-727-3337	S F R
Fisher Branch; Gulay Family Farm	204-739-8184	C
Reston; Avondale Seed Farm Ltd.	204-877-3813	C
St. Leon; Labossiere, Luc N. & Rejean F.	204-825-7249	C



FIELD PEAS

S=Select; F=Foundation; R=Registered; C=Certified; ☼ Indicates Plant Breeders Rights (PBR) protection under UPOV 1978 and ☼ protected or pending under UPOV 1991.

CDC FOREST☼

Russell; Keating Seed Farms Inc.	204-773-3854	C
---------------------------------------	--------------	---

CDC INCA☼

Brandon; Wheat City Seeds Ltd.	204-727-3337	S F R
Foxwarren; George Graham Seed Farms Ltd.	204-773-6389	F
Holland; Kubinec, Anastasia	204-526-2776	R
Swan River; Badowski, Dennis	204-281-0668	C

CDC JASPER☼

Crystal City; Buchanan Seeds	204-873-2661	S F C
Reinland; Ens Farms Ltd.	204-325-4658	S C

CDC LEWOCHKO☼

Arborg; Timchishen, Donald Victor & Darcy	204-641-1288	S F C
Boissevain; Boissevain Select Seeds	204-534-6846	C
Brandon; Wheat City Seeds Ltd.	204-727-3337	R
Cromer; Bartel Seeds	204-662-4484	R
Crystal City; Buchanan Seeds	204-873-2661	C
Dauphin; Kaleta, James & Debra	204-638-7800	C
Decker; MFI Seed	204-764-0366	R C
Gilbert Plains; T & S Seeds	204-548-2805	C
Glenboro; Jefferies, Ron & Cale	204-827-2102	C
Holland; Kubinec, Anastasia	204-526-2776	C
Miniota; Walkers Seed Services	204-748-7264	R
Morden; Wilson, James M.	204-362-2449	C
Oak River; J.S. Henry & Son Ltd.	204-566-2422	C
Oakville; Miller Agritec Farm Inc.	204-267-2363	R
Pilot Mound; Smith, Walter George & Schroeder, David	204-825-2212	C
Reinland; Ens Farms Ltd.	204-325-4658	S R
Rivers; Redsper Enterprises	204-328-5346	C
Russell; Keating Seed Farms Inc.	204-773-3854	C
St. Leon; Labossiere, Luc N. & Rejean F.	204-825-7249	C
Virten; Hutch Ag	204-851-6157	C
Warren; Jones, Gavin R.	204-322-5604	C
Wawanesa; Ellis Seeds	204-824-2290	C

CDC MEADOW

Cromer; Bartel, Bob	204-662-4580	C
Holland; Patenaude, Donald & Robert	204-526-2391	R

CDC SPECTRUM☼

Foxwarren; George Graham Seed Farms Ltd.	204-773-6389	R C
---	--------------	-----

DL GOLDEYE☼

Warren; Riddell Seed Co.	204-227-5679	S F
-------------------------------	--------------	-----

LUPIN

DIETA

Morris; Red River Seeds Ltd.	204-746-3059	S F
Oak River; J.S. Henry & Son Ltd.	204-566-2422	F

Special Crops

Variety Description Key

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

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 Breeder's Rights legislation that complies with UPOV 1978.

Ⓓ Indicates a variety that is protected by, or has been applied for and is pending, Plant Breeder's Rights legislation that complies with UPOV 1991.

Key to 2021 Yield Tables

Yields derived over two or more growing seasons are the best indicator of variety performance.

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.

Manitoba Agriculture Variety Guide

GRAIN CORN — MID SEASON

Comments:

The 2021 grain corn hybrid trial was tested and the data donated by the Manitoba Corn Committee. The data presented is for one year only. Use with caution.

All hybrids were evaluated at a plant population of 32,000 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.

The Manitoba Corn Committee publishes the annual results along with more detailed lab analysis in their brochure. The brochure is available by calling the Manitoba Crop Alliance office at 204-745-6661 or visiting their website at <https://www.mbcropalliance.ca>

CHU ¹	Hybrid	Technology/ Genetic Traits ²	Distributor	MacGregor				St. Pierre			
				Yield (bu/ac)	Moisture (%)	Bushel Wt (lbs/bu)	50% Silk (d)	Yield (bu/ac)	Moisture (%)	Bushel Wt (lbs/bu)	50% Silk (d)
2000	P7005AM	YGCB/HX1/LL/RR2	Pioneer Hi-Bred	97	14.2	49.9	67	95	18.6	50.0	71
2025	TH4072 RR	RR2	Thunder Seed	124	16.1	50.9	71	113	23.3	50.0	74
2025	A3979G2 RIB	VT2P	PRIDE Seeds	168	17.3	48.0	69	124	21.4	49.8	74
2025	MZ 1200DBR	VT2P	Maizex Seeds	137	17.8	51.7	70	99	23.0	51.0	75
2050	P7202AM	YGCB/HX1/LL/RR2	Pioneer Hi-Bred	108	15.5	50.4	68	81	20.4	49.8	73
2050	P7211AM	YGCB/HX1/LL/RR2	Pioneer Hi-Bred	131	14.2	48.1	69	108	18.2	53.2	73
2050	DKC20-23RIB	VT2P	DEKALB	96	15.6	49.8	70	96	21.8	51.4	74
2050	A3993G2 RIB	VT2P	PRIDE Seeds	154	15.5	50.0	69	89	21.6	51.4	74
2075	NS 271	VT2PRO	NorthStar Genetics	136	15.4	50.0	68	119	23.2	52.9	73
2075	DKC21-36RIB	VT2P	DEKALB	133	16.5	51.6	71	126	21.4	51.9	77
2100	P7455R	RR2	Pioneer Hi-Bred	126	15.6	51.6	70	102	19.6	50.4	74
2100	TH6875 VT2P	VT2P	Thunder Seed	165	17.7	50.0	72	138	22.0	49.8	75
2100	DKC24-06RIB	VT2P	DEKALB	159	18.8	49.5	72	129	23.0	52.0	77
2100	CP1440VT2P/RIB	VT2P/RIB	CROPLAN	176	18.2	50.6	73	136	23.0	54.4	76
2125	P7417AM	YGCB/HX1/LL/RR2	Pioneer Hi-Bred	134	15.9	51.1	71	127	21.8	49.6	76
2150	P7527AM	YGCB/HX1/LL/RR2	Pioneer Hi-Bred	136	17.2	51.3	73	118	22.2	50.1	78
2150	P7574AM	YGCB/HX1/LL/RR3	Pioneer Hi-Bred	135	15.0	49.6	74	119	23.9	52.6	78
2150	MZ 1340DBR	VT2P	Maizex Seeds	134	18.7	50.5	72	96	24.1	51.2	75
2175	TH6977 VT2P	VT2P	Thunder Seed	157	18.5	53.9	71	142	23.0	51.4	75
2175	NS 276	VT2PRO	NorthStar Genetics	176	19.1	49.5	75	107	25.6	53.2	81
2175	PV 61276RIB	VT2P	Proven Seed	132	15.9	53.6	71	115	23.0	52.4	77
2200	PS 2320RR	RR2	DLF Pickseed	148	19.6	50.3	71	124	25.5	50.0	76
2200	NS EXP77	VT2PRO	NorthStar Genetics	131	16.9	52.5	71	87	23.0	48.8	76
2200	A4323G2 RIB	VT2P	PRIDE Seeds	148	22.2	53.2	71	98	22.4	50.9	78
2200	PV 61377RIB	VT2P	Proven Seed	161	19.2	51.6	72	108	27.4	54.1	79
2200	HZ 1398	Agrisure 3010	Horizon Seeds	119	15.4	49.0	73	105	21.1	52.8	78
2200	Riel	GT	Greenfield Genetics	146	25.7	50.4	73	103	29.1	51.0	80
2225	P7844AM	YGCB/HX1/LL/RR3	Pioneer Hi-Bred	177	17.1	50.5	72	125	21.8	52.7	78
2225	PS 2321VT2P RIB	GENVT2P	DLF Pickseed	157	21.8	54.7	72	122	25.7	52.7	77
2225	TH6278 VT2P	VT2P	Thunder Seed	168	18.5	47.1	72	111	22.8	47.6	77
2250	P7861AM	YGCB/HX1/LL/RR2	Pioneer Hi-Bred	162	15.3	51.0	74	102	21.9	50.2	76
2250	TH6079 VT2P	VT2P	Thunder Seed	148	16.0	51.1	73	133	25.0	53.5	78
2250	X21080A/VT2P	VT2P/RIB	CROPLAN	143	22.5	51.7	74	111	24.8	51.5	79
2250	PV 61180RIB	VT2P	Proven Seed	178	18.3	48.4	74	119	24.0	51.9	79
2250	PV 61479RIB	VT2P	Proven Seed	167	17.0	48.5	73	114	23.0	49.5	77
2250	MZ 1544DBR	VT2P	Maizex Seeds	181	19.9	50.9	74	124	24.2	49.8	80
2250	HZ 1685	Agrisure Viptera 3110	Horizon Seeds	146	20.4	50.2	75	112	22.9	47.6	80
2250	BY Brava RR2	RR2	BrettYoung	161	22.8	49.9	74	129	26.0	52.0	79
2275	P7958AM	YGCB/HX1/LL/RR2	Pioneer Hi-Bred	155	22.0	50.0	74	140	23.2	47.8	80
2275	PS 2333RR	RR2	DLF Pickseed	160	23.2	50.6	73	124	26.4	53.3	79
2275	DKC29-89RIB	VT2P	DEKALB	171	19.1	50.2	73	112	23.6	51.4	78
2300	PS 2420RR	RR2	DLF Pickseed	162	25.4	47.0	74	109	27.5	48.5	79
2300	CP2123VT2P/RIB	VT2P/RIB	CROPLAN	141	20.0	49.8	72	107	23.5	52.4	77
2300	A4646G2 RIB	VT2P	PRIDE Seeds	182	22.5	47.3	75	108	24.2	51.2	80
2300	MZ 1688DBR	VT2P	Maizex Seeds	161	19.0	48.8	75	99	24.3	49.5	79
2300	MZ 1624DBR	VT2P	Maizex Seeds	151	18.9	49.3	75	111	23.7	51.2	79
2300	Vernon	3010	Greenfield Genetics	140	26.2	54.2	76	121	27.7	54.1	80

CHU ¹	Hybrid	Technology/ Genetic Traits ²	Distributor	MacGregor				St. Pierre			
				Yield (bu/ac)	Moisture (%)	Bushel Wt (lbs/bu)	50% Silk (d)	Yield (bu/ac)	Moisture (%)	Bushel Wt (lbs/bu)	50% Silk (d)
2350	NK7837-3220	3220	NK	157	21.7	50.3	74	118	26.2	50.6	79
2350	CX20081VT2P/RIB	VT2P/RIB	CROPLAN	181	21.5	50.1	75	143	25.0	49.4	80
2375	BYM2130002BV	VT2P	BrettYoung	134	22.5	51.7	76	108	24.3	48.9	80
2375	CP2180VT2P/RIB	VT2P/RIB	CROPLAN	170	20.8	48.2	74	126	23.0	51.3	81
2375	HZ 1912	Agrisure 3120 EZR	Horizon Seeds	169	22.6	49.5	74	112	26.0	50.0	79
2400	TH6182 VT2P	VT2P	Thunder Seed	178	20.6	49.9	74	118	24.0	52.8	79
2400	NK8005-3220	3220	NK	148	23.6	54.0	74	121	26.2	47.9	82
2400	PV 62282RIB	VT2P	Proven Seed	163	22.2	52.2	74	121	24.5	51.8	77
2425	DKC31-85RIB	VT2P	DEKALB	170	20.9	50.0	74	128	23.7	52.3	79
2425	CP2112ASD/EZ	Agrisure Duracade	CROPLAN	132	24.0	47.8	75	117	28.4	50.8	82
2450	CP2288VT2P/RIB	VT2P/RIB	CROPLAN	173	21.7	51.5	75	119	24.2	49.4	81
2500	DKC33-37RIB	VT2P	DEKALB	167	21.8	52.4	74	129	26.5	48.4	80
2500	PV 62384RIB	VT2P	Proven Seed	176	24.0	50.2	77	102	25.4	53.9	83
2550	TH6185 VT2P	VT2P	Thunder Seed	156	24.9	50.4	74	145	27.4	53.1	82
2550	PV 62485RIB	VT2P	Proven Seed	175	19.1	50.2	74	130	23.7	49.0	80
2600	NK8204-3220	3220	NK	187	23.5	50.1	78	129	26.9	50.2	84
Site Average				153	19.5	50.5	74	116	23.9	51.0	79
CV %				8.99	9.25	5.45	1.01	12.18	6.18	6.74	1.05
LSD (0.05)				22	3.0	—	1	23	2.4	—	1
Sig Diff				Yes	Yes	No	Yes	Yes	Yes	No	Yes
Planting Date				12-May				11-May			
Harvest Date				8-Oct				7-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 is suitable for your growing region.

2 The Canadian Seed Trade Association (CSTA) website provides a database for corn hybrids available in Canada, <https://seedinnovation.ca/corn-hybrids-database>. Information includes technology brand name and refuge requirements.



THE ART OF HIGH PERFORMANCE

Proven® Seed has always had a different perspective on corn. Every one of our hybrids is selected for Western Canada to work with your field's unique conditions. Whether you need early maturity, fast dry down, silage quality or defensive trait protection, there's a specific high yielding hybrid that's perfect for your farm.

Only available at Nutrien Ag Solutions® retail. Visit ProvenSeed.ca/corn to learn more.



Proven® Seed is a registered trademark of Nutrien Ag Solutions (Canada) Inc. Nutrien Ag Solutions® and Design is a registered trademark of Nutrien Ag Solutions, Inc. 09/21-78262-4

Nutrien
Ag Solutions®

Proven
SEED

GRAIN CORN — LONG SEASON

Comments:

The 2021 grain corn hybrid trial was tested and the data donated by the Manitoba Corn Committee. The data presented is for one year only. Use with caution.

All hybrids were evaluated at a plant population of 32,000 plants per acre. Plots are planted at a higher rate and thinned to achieve the target population.

CHU1	Hybrid	Technology/ Genetic Traits ²	Distributor	Rosebank			
				YIELD (bu/ac)	Moisture (%)	Bushel Wt (lbs/bu)	50% Silk (days)
2000	P7005AM	YGCB/HX1/LL/RR2	Pioneer Hi-Bred	92	14.3	54.5	72
2025	TH4072 RR	RR2	Thunder Seed	106	19.1	55.9	76
2050	P7202AM	YGCB/HX1/LL/RR2	Pioneer Hi-Bred	115	15.8	55.4	74
2050	P7211AM	YGCB/HX1/LL/RR2	Pioneer Hi-Bred	131	13.2	52.6	72
2050	DKC20-23RIB	VT2P	DEKALB	107	15.3	57.5	74
2075	DKC21-36RIB	VT2P	DEKALB	131	15.7	56.8	76
2100	P7455R	RR2	Pioneer Hi-Bred	147	16.5	56.7	75
2100	TH6875 VT2P	VT2P	Thunder Seed	147	19.6	56.3	76
2100	DKC24-06RIB	VT2P	DEKALB	150	19.6	57.6	77
2100	CP1440VT2P/RIB	VT2P/RIB	CROPLAN	173	19.4	55.1	77
2125	P7417AM	YGCB/HX1/LL/RR2	Pioneer Hi-Bred	101	17.3	55.0	76
2150	P7527AM	YGCB/HX1/LL/RR2	Pioneer Hi-Bred	158	17.5	55.2	77
2150	P7574AM	YGCB/HX1/LL/RR3	Pioneer Hi-Bred	151	19.9	53.9	78
2150	MZ 1340DBR	VT2P	Maizex Seeds	131	18.9	56.0	75
2175	TH6977 VT2P	VT2P	Thunder Seed	188	20.7	56.9	75
2175	NS 276	VT2PRO	NorthStar Genetics	145	21.0	55.5	78
2175	PV 61276RIB	VT2P	Proven Seed	167	18.6	55.6	76
2200	NS EXP77	VT2PRO	NorthStar Genetics	141	20.3	57.8	77
2200	A4323G2 RIB	VT2P	PRIDE Seeds	146	21.3	57.5	75
2200	PV 61377RIB	VT2P	Proven Seed	131	24.0	54.1	77
2225	P7844AM	YGCB/HX1/LL/RR3	Pioneer Hi-Bred	116	19.5	54.7	75
2225	TH6278 VT2P	VT2P	Thunder Seed	170	18.6	54.8	77
2250	P7861AM	YGCB/HX1/LL/RR2	Pioneer Hi-Bred	126	19.8	55.1	77
2250	TH6079 VT2P	VT2P	Thunder Seed	162	22.4	55.4	77
2250	X21080A/VT2P	VT2P/RIB	CROPLAN	105	21.9	55.0	77
2250	PV 61180RIB	VT2P	Proven Seed	171	21.7	54.1	76
2250	PV 61479RIB	VT2P	Proven Seed	133	18.1	55.8	76
2250	MZ 1544DBR	VT2P	Maizex Seeds	179	20.1	54.3	78
2250	HZ 1685	Agrisure Viptera 3110	Horizon Seeds	160	20.3	56.0	78
2275	P7958AM	YGCB/HX1/LL/RR2	Pioneer Hi-Bred	157	20.3	56.6	77
2275	PS 2333RR	RR2	DLF Pickseed	161	28.2	54.4	77
2275	DKC29-89RIB	VT2P	DEKALB	173	19.9	55.0	77
2275	A4514RR	RR2	PRIDE Seeds	122	21.7	54.5	78
2300	PS 2420RR	RR2	DLF Pickseed	103	30.7	52.6	76
2300	CP2123VT2P/RIB	VT2P/RIB	CROPLAN	147	17.7	54.8	77
2300	A4646G2 RIB	VT2P	PRIDE Seeds	153	20.1	54.0	77
2300	MZ 1688DBR	VT2P	Maizex Seeds	182	22.5	54.5	77
2300	MZ 1624DBR	VT2P	Maizex Seeds	154	18.3	56.2	77
2300	E49K32 R	VT2P	Maizex Seeds	193	20.7	54.7	77
2350	NK7837-3220	3220	NK	151	24.5	54.6	77
2350	CX20081VT2P/RIB	VT2P/RIB	CROPLAN	164	22.5	55.1	77
2375	CP2180VT2P/RIB	VT2P/RIB	CROPLAN	191	23.7	54.1	78
2375	HZ 1912	Agrisure 3120 EZR	Horizon Seeds	145	24.3	54.6	77
2400	PS 2563GSX RIB	GENSS	DLF Pickseed	162	27.1	53.7	80
2400	TH6182 VT2P	VT2P	Thunder Seed	161	23.2	54.3	78
2400	NK8005-3220	3220	NK	168	26.1	52.8	77
2400	A4939G2 RIB	VT2P	PRIDE Seeds	179	21.2	54.2	77
2400	PV 62282RIB	VT2P	Proven Seed	158	21.7	55.8	77
2425	255	VT2PRO	NorthStar Genetics	167	21.0	54.7	78
2425	DKC31-85RIB	VT2P	DEKALB	165	22.4	54.3	77
2425	CP2112ASD/EZ	Agrisure Duracade	CROPLAN	167	25.4	53.0	78
2450	P8407AM	YGCB/HX1/LL/RR2	Pioneer Hi-Bred	142	23.7	54.2	79
2450	NS EXP83	VT2PRO	NorthStar Genetics	199	24.5	53.7	78
2450	CP2288VT2P/RIB	VT2P/RIB	CROPLAN	191	21.8	55.0	77
2450	HZ 2220	Agrisure 3010	Horizon Seeds	171	26.0	52.5	79

Yields are corrected to 15.5% moisture content.

The Manitoba Corn Committee publishes the annual results along with more detailed lab analysis in their brochure. The brochure is available by calling the Manitoba Crop Alliance office at 204-745-6661 or visiting their website at <https://www.mbcropalliance.ca>

Carman				Horndean				Hybrid
YIELD (bu/ac)	Moisture (%)	Bushel Wt (lbs/bu)	50% Silk (days)	YIELD (bu/ac)	Moisture (%)	Bushel Wt (lbs/bu)	50% Silk (days)	
106	17.8	57.5	64	99	19.8	56.5	67	P7005AM
140	18.5	56.3	68	135	22.3	54.2	70	TH4072 RR
116	17.7	55.8	65	135	20.8	56.1	68	P7202AM
123	17.1	56.7	64	118	19.2	55.9	66	P7211AM
123	17.6	57.5	66	101	19.7	58.4	69	DKC20-23RIB
140	18.3	57.0	69	134	20.8	55.9	71	DKC21-36RIB
132	18.5	56.0	68	140	20.1	55.8	70	P7455R
143	19.1	56.9	70	152	21.7	55.4	72	TH6875 VT2P
149	20.9	55.5	71	130	21.3	56.1	71	DKC24-06RIB
163	19.8	55.0	71	143	21.9	54.7	72	CP1440VT2P/RIB
142	20.0	53.8	70	139	21.2	53.7	71	P7417AM
141	18.9	54.5	71	140	20.5	54.9	73	P7527AM
158	19.6	53.7	69	138	22.9	54.2	73	P7574AM
144	18.6	57.0	67	121	20.8	56.1	71	MZ 1340DBR
157	19.2	56.5	68	174	21.4	54.9	71	TH6977 VT2P
162	20.9	54.8	73	155	23.0	54.7	74	NS 276
135	18.7	58.0	68	148	22.6	56.4	70	PV 61276RIB
133	19.7	57.8	70	141	23.0	55.6	71	NS EXP77
141	18.7	57.4	68	127	22.2	56.6	72	A4323G2 RIB
163	20.6	55.0	69	134	25.1	54.0	71	PV 61377RIB
160	21.2	53.4	70	172	22.7	53.3	72	P7844AM
177	20.5	54.5	72	149	21.9	53.5	72	TH6278 VT2P
155	19.7	55.2	70	140	23.9	54.4	72	P7861AM
158	20.7	55.4	72	151	22.3	55.2	72	TH6079 VT2P
145	18.9	56.4	69	129	21.6	55.9	73	X21080A/VT2P
176	20.8	54.5	73	154	24.8	52.3	74	PV 61180RIB
160	19.5	55.8	71	149	22.2	55.0	73	PV 61479RIB
169	19.5	54.9	71	165	21.7	54.0	73	MZ 1544DBR
146	19.4	55.9	73	133	22.7	55.4	73	HZ 1685
187	20.0	53.9	71	165	21.7	55.4	73	P7958AM
187	22.1	55.7	69	152	24.5	54.2	73	PS 2333RR
177	20.5	53.4	71	149	22.9	53.8	72	DKC29-89RIB
151	20.5	54.6	69	141	23.1	53.9	73	A4514RR
169	21.8	53.6	70	150	25.8	53.1	72	PS 2420RR
148	19.1	54.9	73	130	22.0	55.3	72	CP2123VT2P/RIB
165	21.5	53.3	72	150	23.5	54.7	73	A4646G2 RIB
169	21.6	54.2	73	157	23.3	53.6	73	MZ 1688DBR
158	21.2	54.2	72	157	22.2	52.4	74	MZ 1624DBR
178	20.1	55.0	73	166	22.5	55.5	74	E49K32 R
140	21.1	55.6	72	133	24.3	54.3	73	NK7837-3220
171	21.4	53.6	73	179	23.9	53.2	73	CX20081VT2P/RIB
160	22.5	52.8	74	165	24.6	53.4	75	CP2180VT2P/RIB
161	20.4	55.5	70	137	24.6	54.3	74	HZ 1912
179	23.0	54.2	74	173	26.5	52.7	76	PS 2563GSX RIB
173	21.7	53.0	71	166	24.4	53.4	73	TH6182 VT2P
168	22.7	54.1	72	175	24.5	53.5	74	NK8005-3220
177	19.4	56.4	73	139	23.0	54.7	74	A4939G2 RIB
167	20.6	54.9	73	162	23.7	55.5	73	PV 62282RIB
165	21.3	53.4	72	172	23.9	53.6	73	255
191	21.5	52.9	70	183	23.0	53.4	73	DKC31-85RIB
160	22.4	53.2	72	157	26.4	53.0	75	CP2112ASD/EZ
197	19.8	54.8	74	151	24.2	52.3	76	P8407AM
191	22.1	52.5	74	201	24.7	52.1	75	NS EXP83
164	20.6	54.3	73	159	23.7	53.4	73	CP2288VT2P/RIB
182	22.1	52.9	74	176	25.0	52.9	75	HZ 2220

GRAIN CORN (continued)

CHU1	Hybrid	Technology/ Genetic Traits ²	Distributor	Rosebank			
				YIELD (bu/ac)	Moisture (%)	Bushel Wt (lbs/bu)	50% Silk (days)
2475	PS 2570VT2P RIB	GENVT2P	DLF Pickseed	188	26.8	53.4	79
2500	DKC33-37RIB	VT2P	DEKALB	185	24.1	54.4	78
2500	CP2315VT2P/RIB	VT2P/RIB	CROPLAN	164	25.2	54.2	78
2500	PV 62384RIB	VT2P	Proven Seed	188	26.9	53.3	81
2550	P8588AM	YGCB/HX1/LL/RR3	Pioneer Hi-Bred	158	23.7	53.5	78
2550	TH6185 VT2P	VT2P	Thunder Seed	149	27.0	52.9	77
2550	DKC35-88RIB	VT2P	DEKALB	174	25.3	53.7	79
2550	PV 62485RIB	VT2P	Proven Seed	184	23.0	53.8	78
2575	DKC35-37RIB	VT2P	DEKALB	180	27.1	52.9	79
2575	A5225G2 RIB	VT2P	PRIDE Seeds	160	24.0	53.9	78
2600	NK8204-3220	3220	NK	180	27.0	53.2	81
2650	NK8519-5222	5222	NK	133	30.0	52.8	83
2650	NK8618-5122	5122	NK	156	29.3	52.6	81
Mean				153	21.5	54.7	77
CV %				7.77	6.18	2.43	1.42
LSD (0.05)				19	2.2	2.1	2
Sig Diff				Yes	Yes	Yes	Yes
Planting Date:				5-May			
Harvest Date:				5-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 is suitable for your growing region.

2 The Canadian Seed Trade Association (CSTA) website provides a database for corn hybrids available in Canada, <https://seedinnovation.ca/corn-hybrids-database>. Information includes technology brand name and refuge requirements.

INDUSTRIAL HEMP

Comments:

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

The requirement for THC testing for most varieties has been eliminated. THC testing is remains a requirement for cultivators of pedigreed seed.

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 2022 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, refer to Health Canada's website at www.healthcanada.gc.ca/hemp.

Note that Canadian Hemp Trade Alliance (CHTA) trials use a 20% CV cutoff value for data acceptance.

Hemp trials conducted at Roblin in 2021 were harvested on a single date. Variety performance varies depending on maturity at harvest, and end-use purpose. Contact individual distributors for comments for variety best management practices.

Variety Descriptions — Dual Purpose Trial

Variety	Yield % Check	End Use Purpose	2021 Yield lb/acre Roblin
Angie [®]	120	Dual	502
Bialobrzeskie	116	Dual	484
CFX-2	97	Dual	407
CRS-1	100	Dual	418
Judy	119	Dual	500
Maureen	121	Dual	505
Quida [®]	136	Dual	569
Vega [®]	143	Dual	598
CHECK CHARACTERISTICS			
CRS-1	418 lb/acre		CRS-1 (lb/acre) 418 CV% 13.0 LSD% 23 Sign Diff Yes
			Seeding Date 28-May Harvest Date 29-Sep

Carman				Horndean				Hybrid
YIELD (bu/ac)	Moisture (%)	Bushel Wt (lbs/bu)	50% Silk (days)	YIELD (bu/ac)	Moisture (%)	Bushel Wt (lbs/bu)	50% Silk (days)	
174	23.6	52.5	74	158	24.9	53.8	77	PS 2570VT2P RIB
188	20.9	54.4	71	174	24.0	54.2	74	DKC33-37RIB
178	21.7	52.7	73	165	23.2	54.8	74	CP2315VT2P/RIB
175	22.7	53.7	74	153	26.5	53.0	78	PV 62384RIB
174	22.8	53.0	73	171	24.6	52.6	74	P8588AM
197	21.7	53.0	72	166	25.0	54.0	74	TH6185 VT2P
182	22.0	53.6	74	168	25.3	53.5	74	DKC35-88RIB
190	20.7	53.2	73	171	24.4	53.2	73	PV 62485RIB
178	23.0	52.7	74	165	25.1	53.4	76	DKC35-37RIB
177	20.5	54.9	73	166	24.0	53.4	74	A5225G2 RIB
181	23.4	52.8	74	171	27.1	52.3	77	NK8204-3220
174	25.5	52.6	77	132	28.8	51.9	83	NK8519-5222
178	24.1	52.4	76	179	27.4	52.1	78	NK8618-5122
160	20.5	54.7	71	151	23.2	54.3	73	Mean
8.67	4.72	1.89	1.54	9.47	5.75	2.11	1.26	CV %
22	1.6	1.7	2	23	2.2	1.9	1	LSD (0.05)
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Sig Diff
13-May 12-Oct				14-May 18-Oct				Planting Date Harvest Date



Farmers Growing for Farmers

Pulses

Cereals

Special Crops

Hybrid Fall Rye

To view a complete list of exclusive varieties, visit
www.seednet.ca or call 403.715.9771.

SPECIAL GROUPS

GRAIN CORN

INDUSTRIAL HEMP

DISTRIBUTORPHONE NUMBER

Bayer CropScience Canada Ltd. (DEKALB)	1-888-283-6847
BrettYoung	1-800-665-5015
Ceres Global Seeds (Horizon Seeds)	1-888-974-7246
Corteva AgriScience (Pioneer Hi-Bred)	1-800-667-3852
DLF Pickseed Canada Inc. (DLF Pickseed)	1-204-633-0088
Fraser Seeds Ltd. (Greenfield Genetics)	1-604-857-3355
Fresh Hemp Foods Ltd.	1-800-665-4367
Hemp Genetics International	1-204-821-0522
International Hemp	1-833-937-4367
Maizex Seeds Inc. (Maizex Seeds)	1-877-682-1720
NorthStar Genetics Ltd. (NorthStar Genetics)	1-204-262-2425
Nutrien Ag Solutions Proven Seed	1-855-569-9444
Parkland Industrial Hemp Growers	1-204-629-4367
PRIDE Seeds	1-800-265-5280
Syngenta Canada (NK)	1-877-964-3682
Thunder Seed Canada Inc. (Thunder Seed)	1-888-684-8633
UniSeeds	1-519-319-1361
WinField United Canada (CROPLAN)	1-888-975-4769

Growers List



BUCKWHEAT

S=Select; F=Foundation; R=Registered; C=Certified; ☼ Indicates Plant Breeders Rights (PBR) protection under UPOV 1978 and Ⓢ protected or pending under UPOV 1991.

AGASSIZ		
Morden; Springfield Mills Inc.	204-362-0513	S
HORIZON		
Morden; Springfield Mills Inc.	204-362-0513	C
KOMA		
Dauphin; Fisher Farms Ltd.	204-622-8800	C
MANCAN		
Notre Dame De Lourdes; Durand Seeds Inc.	204-248-2268	C

BUCKWHEAT

S=Select; F=Foundation; R=Registered; C=Certified; ☼ Indicates Plant Breeders Rights (PBR) protection under UPOV 1978 and Ⓢ protected or pending under UPOV 1991.

Winkler; Walkof, Bev & Hilderbrand, Corey & Stephanie	204-361-5865	C
--	--------------	---

INDUSTRIAL HEMP

QUIDA Ⓢ		
Dauphin; Fisher Farms Ltd.	204-622-8800	R C

SEED YOU CAN COUNT ON.

- Range of hybrid choices to meet your growing conditions
- Robust breeding and testing process to assure quality
- Trusted brand to deliver value and performance



PRIDSEEDS.COM
1.800.265.5280



PRIDE and the PRIDE Seeds Design are registered trademarks of AgReliant Genetics and its affiliated companies.
©2021 AgReliant Genetics, Inc.





PIONEER®

MADE TO GROW™

CORN LEADER. NO QUESTION.

BLAZE YOUR NEW PATH IN CORN, WITH GENETICS BRED FOR THE WEST FROM OUR WORLD-CLASS INNOVATION PROGRAM. CHOOSE FROM A DIVERSE LINEUP OF HYBRIDS THAT FINISH STRONG AND DRY DOWN FAST FOR EARLIER HARVESTS AND MAXIMUM PROFIT, ALL SO YOU CAN OUT-YIELD THE DOUBTERS. LET'S BUST THROUGH.

CONTACT YOUR PIONEER SALES REPRESENTATIVE AND GET THE #YIELDHERO RESULTS AT YIELDHERO.PIONEER.COM

Forage Crops

Key to 2021 Yield or Quality Tables

Yields derived over 2 or more growing seasons are the best indicator of variety performance. 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.

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

Ⓒ Indicates a variety that is protected by Plant Breeder's Rights legislation that complies with UPOV 1978.

Ⓓ Indicates a variety that is protected by, or has been applied for and is pending, Plant Breeder's Rights legislation that complies with UPOV 1991.

Forage Variety Registration Changes

Amendments to the Seeds Act, Seeds Regulations are now in effect that streamline the variety registration process for forage varieties.

Forage crops are moved to Part III of Schedule III of the Seeds Regulations. Recommending Committees are no longer required for the registration of forage crop varieties, since the testing and merit requirements are removed. Registration still requires a standard application package to enable the CFIA to continue to protect health and safety, prevent fraud, and facilitate seed certification.

Manitoba Agriculture Variety Guide

FORAGE ADAPTATION & COMPARISON GUIDE

LEGUMES

Forage	Primary 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	Low-lying moist areas.
Birdsfoot Trefoil	Hay & Pasture	Long	Good	Moderate	High	Low to Moderate	Moist areas.
Cicer Milkvetch	Pasture	Long	Good	Moderate to High	Low	Moderate	Widely adapted but exhibits its habit best on more coarse textured soils.
Kura Clover	Pasture	Long	Good	Moderate	Moderate	Unknown	Tolerates low fertility and soil acidity, wet soils and some flooding.
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 & Pasture	Short to Long	Good	Poor	Low to Moderate	Low	Prefers well drained silt loams to clay soils that have a consistent supply of moisture.
White Clover	Hay & Pasture	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.



AgDealer now features a new enhanced search bar and results page.

AgDealer.com is new and improved to help you find the equipment you are looking for faster. With thousands of used equipment listings, we've made it easier to find what you are looking for.

Visit the **NEW & IMPROVED!** **AgDealer.com** to find your equipment - **FAST!**

AGDealer.com

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	Poor	Low	Low	Low	Needs high precipitation and fertility for high yields. Adapted to a wide range of soils.
Pubescent Wheatgrass	Hay & Pasture	Medium	Good	Moderate to High	Low	Low to Moderate	Widely adaptable with respect 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	Hay & 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 & Riperian	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	Medium	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 and Resource Development — Forage Adaptation & Comparison Guide

SILAGE CORN

Comments:

The silage corn hybrid trial was tested and the data donated by the Manitoba Corn Committee.

The data presented is for one year only. Use with caution.

All hybrids were evaluated at a plant population of 32,000 plants per acre. Plots are planted at a higher rate and thinned to achieve the target population.

Elm Creek											
CHU ¹	Hybrid	Technology/ Genetic Traits ²	Distributor	65% Yield (Mt/ac)	Moisture ³ (%)	50% Silk TDN ⁴ (days)	ADF ⁵ (%)	NDF ⁶ (%)	Milk/Acre ⁷ (lbs/ac)	Beef/Acre ⁸ (lbs/ac)	
2100	CP1440VT2P/RIB	VT2P/RIB	CROPLAN	16.1	71.9	73	72.4	24.6	42.6	16737	1494
2150	TH4076 HDRR	RR2	Thunder Seed	16.9	73.2	80	71.6	25.3	46.9	15337	1557
2150	913S	RR2	NorthStar Genetics	17.1	70.5	75	69.2	27.5	48.4	17453	1515
2150	AS1017RR EDF	RR2	PRIDE Seeds	18.1	71.0	74	73.4	23.7	41.1	17366	1700
2200	PS 2320RR	RR2	DLF Pickseed	15.2	71.6	74	74.6	22.5	41.5	15381	1456
2200	917S	RR2	NorthStar Genetics	17.5	73.5	74	66.1	30.5	53.7	17411	1485
2200	PV 61177SRR	RR2	Proven Seed	17.7	71.8	75	74.6	22.5	41.1	13811	1693
2200	MS 7420R	RR2	Maizex Seeds	15.8	71.5	73	71.3	25.6	43.9	13864	1447
2200	Riel	GT	Greenfield Genetics	16.3	74.2	74	67.5	29.2	49.8	15599	1408
2225	PS 2321VT2P RIB	GENVT2P	DLF Pickseed	14.2	71.2	74	73.8	23.2	41.4	13917	1342
2250	TH4126 RR	RR2	Thunder Seed	18.2	70.9	73	72.0	24.9	44.2	18018	1679
2250	X21080A/VT2P	VT2P/RIB	CROPLAN	15.3	71.5	73	72.0	24.9	42.9	14577	1415
2250	MS 8022R	RR2	Maizex Seeds	18.0	71.7	74	71.4	25.5	47.0	17914	1649
2250	BY Brava RR2	RR2	BrettYoung	17.4	72.5	74	72.6	24.4	43.5	16661	1624
2275	PS 2333RR	RR2	DLF Pickseed	16.6	73.8	73	71.1	25.8	43.4	15904	1512
2275	A4514RR	RR2	PRIDE Seeds	16.8	72.9	75	71.8	25.1	41.1	13455	1551
2300	PS 2420RR	RR2	DLF Pickseed	15.1	72.1	73	69.2	27.6	47.6	15564	1337
2300	TH6180 VT2P	VT2P	Thunder Seed	17.7	69.7	69	72.9	24.1	42.9	15401	1652
2300	CP2123VT2P/RIB	VT2P/RIB	CROPLAN	16.1	71.3	73	71.3	25.6	43.4	12501	1473
2300	A4705HMRR	RR2	PRIDE Seeds	16.4	73.1	70	71.5	25.4	44.6	15519	1509
2300	MS 7733DBR	VT2P	Maizex Seeds	16.2	71.2	73	72.2	24.7	45.8	15723	1497
2300	HZ 1710	Agrisure 3010	Horizon Seeds	17.6	73.3	76	69.7	27.1	47.4	16621	1578
2300	Vernon	3010	Greenfield Genetics	16.5	72.0	75	69.9	26.9	46.9	15883	1481
2350	932S	RR2	NorthStar Genetics	17.7	76.4	84	67.3	29.3	53.4	14649	1531
2350	CX20081VT2P/RIB	VT2P/RIB	CROPLAN	16.5	73.1	74	71.5	25.4	44.4	15307	1513
2350	AS1027RR EDF	RR2	PRIDE Seeds	18.7	70.9	75	73.0	24.1	41.9	16678	1753
2350	PV 61281SRIB	VT2P	Proven Seed	16.7	71.1	72	73.1	23.9	41.0	16709	1568
2350	HZ 675	Agrisure 3010	Horizon Seeds	17.8	75.1	78	69.9	26.9	47.6	15182	1595
2375	BYM2130002BV	VT2P	BrettYoung	15.7	72.3	74	73.6	23.4	42.1	14518	1485
2375	BYM2130009TR	RR2	BrettYoung	19.0	69.9	74	71.0	25.9	46.0	19959	1731
2375	CP2180VT2P/RIB	VT2P/RIB	CROPLAN	16.3	71.8	75	68.3	28.4	49.1	16844	1425
2375	HZ 1912	Agrisure 3120 EZR	Horizon Seeds	16.9	69.8	74	75.8	21.4	39.3	16073	1645
2400	PS 2563GSX RIB	GENSS	DLF Pickseed	16.0	71.3	78	67.2	29.5	50.2	14091	1381
2400	BYM2132011TV	VT2P	BrettYoung	18.1	70.0	77	69.5	27.3	47.7	14800	1612
2400	A4939G2 RIB	VT2P	PRIDE Seeds	17.0	71.4	75	71.3	25.6	45.0	16162	1557
2400	AS1047RR EDF	RR2	PRIDE Seeds	21.7	73.1	75	75.3	21.8	41.9	18212	2098
2400	PV 62282RIB	VT2P	Proven Seed	17.7	72.7	75	70.3	26.5	45.3	15626	1596
2425	DKC31-85RIB	VT2P	DEKALB	16.2	71.5	74	76.1	21.1	39.0	16305	1584
2450	PS ExSeed LF RR	RR2	DLF Pickseed	18.1	75.9	82	69.0	27.8	50.7	15219	1601
2450	TH6183 VT2P	VT2P	Thunder Seed	16.7	71.5	76	69.3	27.5	46.9	14452	1483
2450	CP2288VT2P/RIB	VT2P/RIB	CROPLAN	16.4	72.0	75	72.8	24.2	42.9	15806	1534
2450	HZ 2220	Agrisure 3010	Horizon Seeds	19.8	71.8	78	65.1	31.4	52.8	18557	1658
2500	BYM2135010TR	RR2	BrettYoung	16.3	74.7	75	71.9	25.0	44.3	13661	1504
2500	DKC33-37RIB	VT2P	DEKALB	18.0	71.2	76	70.2	26.6	44.8	16009	1623
2500	CP2315VT2P/RIB	VT2P/RIB	CROPLAN	15.6	75.0	74	70.8	26.1	45.4	14689	1420
2500	PV 62384RIB	VT2P	Proven Seed	18.2	72.5	78	66.5	30.1	51.1	15877	1555
2500	VENZA R	RR2	Maizex Seeds	18.4	74.5	80	67.3	29.4	50.5	17354	1586
2550	TH6185 VT2P	VT2P	Thunder Seed	17.9	71.5	75	69.7	27.1	46.8	15569	1603
2550	PV 62485RIB	VT2P	Proven Seed	15.8	73.8	73	68.8	27.9	48.4	16782	1395
2550	HZ 2534	Agrisure Viptera 3220 EZR	Horizon Seeds	17.0	73.8	77	68.4	28.3	49.3	15973	1487
2550	Maxx	GT	Greenfield Genetics	17.5	74.6	79	68.9	27.9	49.1	16129	1547
2575	DKC34-57RIB	VT2P	DEKALB	16.3	72.2	75	68.1	28.6	48.5	15963	1424
2575	DKC35-37RIB	VT2P	DEKALB	17.5	73.2	78	69.8	27.0	47.0	15978	1567
2600	DKC36-48RIB	VT2P	DEKALB	16.9	74.1	76	71.0	25.9	45.9	15693	1543
2650	CP2790VT2P/RIB	VT2P/RIB	CROPLAN	16.8	73.3	77	66.8	29.8	50.6	16683	1443
2675	CP2845VT2P/RIB	VT2P/RIB	CROPLAN	17.6	74.2	79	70.1	26.7	45.4	13895	1586
2675	CP2851VT2P/RIB	VT2P/RIB	CROPLAN	17.4	72.8	79	69.5	27.2	49.4	18695	1554
2700	HZ 3020	Agrisure GT	Horizon Seeds	19.5	73.2	81	71.3	25.6	45.7	15686	1784
2750	HZ 878	Agrisure Viptera 3220 EZR	Horizon Seeds	18.4	76.6	80	68.8	28.0	51.7	14753	1627
Mean				16.9	72.2	75					
CV %				10.74	2.62	0.93					
LSD (0.05)				2.9	3.1	1					
Sig Diff				Yes	Yes	Yes					
Planting Date				6-May							
Harvest Date				26-Aug							

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 is suitable for your growing region.

2 The Canadian Seed Trade Association (CSTA) website provides a database for corn hybrids available in Canada, <https://seedinnovation.ca/corn-hybrids-database>.

3 Moisture content at harvest.

4 Total digestible nutrients (TDN)

Yields are corrected to 65% moisture content.

The Manitoba Corn Committee publishes the annual results along with more detailed lab analysis in their brochure.
The brochure is available by calling the Manitoba Crop

Alliance office at 204-745-6661 or visiting their website at <https://www.mbcropalliance.ca>.

St. Pierre											
65% Yield (Mt/ac)	Moisture ³ (%)	50% Silk (days)	TDN ⁴ (%)	ADF ⁵ (%)	NDF ⁶ (%)	Milk/Acre ⁷ (lbs/ac)	Beef/Acre ⁸ (lbs/ac)	CHU ¹	Hybrid	Technology/ Genetic Traits ²	Distributor
12.1	67.4	80	73.4	23.6	41.1	11498	1139	2100	CP1440VT2P/RIB	VT2P/RIB	CROPLAN
10.1	71.0	85	69.7	27.1	46.4	8113	902	2150	TH4076 HRRR	RR2	Thunder Seed
11.7	69.7	85	68.4	28.3	47.8	9916	1024	2150	913S	RR2	NorthStar Genetics
11.8	65.1	83	74.0	23.1	39.0	11365	1116	2150	AS1017RR EDF	RR2	PRIDE Seeds
9.8	66.4	79	72.7	24.3	42.2	9374	912	2200	PS 2320RR	RR2	DLF Pickseed
10.5	70.1	85	69.6	27.2	47.9	8930	935	2200	917S	RR2	NorthStar Genetics
10.4	70.7	84	76.4	20.9	37.8	9209	1014	2200	PV 61177SRR	RR2	Proven Seed
10.9	65.2	80	73.3	23.8	42.2	10646	1024	2200	MS 7420R	RR2	Maizex Seeds
11.7	69.6	83	71.0	25.8	46.8	10319	1065	2200	Riel	GT	Greenfield Genetics
11.0	68.0	79	70.6	26.2	45.2	9507	1001	2225	PS 2321VT2P RIB	GENVT2P	DLF Pickseed
11.3	68.9	80	73.3	23.7	43.8	10258	1058	2250	TH4126 RR	RR2	Thunder Seed
9.9	69.8	82	72.8	24.2	44.3	7855	929	2250	X21080A/VT2P	VT2P/RIB	CROPLAN
11.1	69.8	79	70.7	26.1	44.0	9742	1005	2250	MS 8022R	RR2	Maizex Seeds
11.2	70.8	82	72.8	24.2	43.6	9766	1050	2250	BY Brava RR2	RR2	BrettYoung
11.2	68.1	82	70.1	26.8	47.0	9510	1005	2275	PS 2333RR	RR2	DLF Pickseed
10.3	71.1	84	73.4	23.6	40.8	9030	974	2275	A4514RR	RR2	PRIDE Seeds
9.1	68.9	84	72.9	24.1	42.9	8161	849	2300	PS 2420RR	RR2	DLF Pickseed
11.2	68.3	81	69.1	27.7	49.5	10163	995	2300	TH6180 VT2P	VT2P	Thunder Seed
10.5	67.7	82	74.4	22.7	42.9	9779	1000	2300	CP2123VT2P/RIB	VT2P/RIB	CROPLAN
10.4	69.7	81	72.8	24.2	42.1	9502	973	2300	A4705HMRR	RR2	PRIDE Seeds
11.1	68.6	81	73.7	23.4	41.7	9950	1044	2300	MS 7733DBR	VT2P	Maizex Seeds
11.7	71.2	85	70.5	26.3	46.3	11328	1059	2300	HZ 1710	Agrisure 3010	Horizon Seeds
9.6	70.6	84	71.1	25.8	46.2	9046	874	2300	Vernon	3010	Greenfield Genetics
10.2	74.4	93	69.0	27.8	49.8	7769	904	2350	932S	RR2	NorthStar Genetics
11.7	70.2	84	71.8	25.2	44.2	10078	1076	2350	CX20081VT2P/RIB	VT2P/RIB	CROPLAN
10.7	68.3	86	71.1	25.8	43.5	9919	979	2350	AS1027RR EDF	RR2	PRIDE Seeds
10.7	69.5	81	73.8	23.3	43.0	10411	1010	2350	PV 61281SRIB	VT2P	Proven Seed
10.7	72.8	87	72.1	24.9	45.4	7535	986	2350	HZ 675	Agrisure 3010	Horizon Seeds
10.1	69.7	85	72.0	25.0	45.9	8104	928	2375	BYM2130002BV	VT2P	BrettYoung
11.6	71.0	83	71.9	25.0	46.1	10561	1067	2375	BYM2130009TR	RR2	BrettYoung
10.7	69.0	83	71.8	25.1	42.1	8781	986	2375	CP2180VT2P/RIB	VT2P/RIB	CROPLAN
11.8	68.0	82	71.3	25.6	42.8	11077	1077	2375	HZ 1912	Agrisure 3120 EZR	Horizon Seeds
11.2	69.5	86	71.8	25.2	43.5	9277	1029	2400	PS 2563GSX RIB	GENSS	DLF Pickseed
10.6	69.1	86	73.4	23.6	42.5	9371	1002	2400	BYM2132011TV	VT2P	BrettYoung
10.7	69.5	83	69.0	27.8	46.2	8765	946	2400	A4939G2 RIB	VT2P	PRIDE Seeds
11.7	71.8	83	66.5	30.1	50.9	9407	994	2400	AS1047RR EDF	RR2	PRIDE Seeds
11.3	69.4	82	70.2	26.6	44.2	8914	1022	2400	PV 62282RIB	VT2P	Proven Seed
10.3	68.9	80	69.1	27.7	47.1	9754	910	2425	DKC31-85RIB	VT2P	DEKALB
11.7	74.2	92	69.3	27.5	50.8	9049	1042	2450	PS ExSeed LF RR	RR2	DLF Pickseed
10.8	69.9	84	72.6	24.4	42.6	9078	1004	2450	TH6183 VT2P	VT2P	Thunder Seed
10.9	69.7	83	67.5	29.2	47.6	10008	946	2450	CP2288VT2P/RIB	VT2P/RIB	CROPLAN
11.4	70.2	86	67.1	29.6	48.7	10801	978	2450	HZ 2220	Agrisure 3010	Horizon Seeds
11.8	73.1	83	72.5	24.5	43.5	9621	1102	2500	BYM2135010TR	RR2	BrettYoung
11.1	70.4	86	73.3	23.7	42.5	9616	1041	2500	DKC33-37RIB	VT2P	DEKALB
10.4	69.1	83	74.2	22.9	41.6	9460	993	2500	CP2315VT2P/RIB	VT2P/RIB	CROPLAN
9.8	71.1	87	69.6	27.2	47.1	8595	874	2500	PV 62384RIB	VT2P	Proven Seed
11.7	73.4	90	66.3	30.2	52.4	10376	993	2500	VENZA R	RR2	Maizex Seeds
11.6	69.9	86	73.3	23.7	39.7	9495	1088	2550	TH6185 VT2P	VT2P	Thunder Seed
11.4	70.4	83	72.9	24.1	41.6	10664	1063	2550	PV 62485RIB	VT2P	Proven Seed
11.2	70.4	88	70.4	26.5	47.3	9161	1013	2550	HZ 2534	Agrisure Viptera 3220 EZR	Horizon Seeds
11.1	73.4	90	70.4	26.5	47.2	8946	998	2550	Maxx	GT	Greenfield Genetics
9.9	71.5	84	71.5	25.4	43.9	8342	904	2575	DKC34-57RIB	VT2P	DEKALB
11.3	70.0	85	70.2	26.7	47.2	9626	1020	2575	DKC35-37RIB	VT2P	DEKALB
10.1	72.6	87	71.8	25.2	43.7	7269	930	2600	DKC36-48RIB	VT2P	DEKALB
11.7	71.1	84	71.4	25.5	44.0	9470	1068	2650	CP2790VT2P/RIB	VT2P/RIB	CROPLAN
11.6	72.0	87	71.4	25.5	43.8	9420	1059	2675	CP2845VT2P/RIB	VT2P/RIB	CROPLAN
11.9	70.3	87	68.4	28.3	48.1	10611	1048	2675	CP2851VT2P/RIB	VT2P/RIB	CROPLAN
12.2	72.3	89	71.5	25.4	45.0	9767	1117	2700	HZ 3020	Agrisure GT	Horizon Seeds
10.9	74.8	91	72.1	24.9	44.9	8721	1007	2750	HZ 878	Agrisure Viptera 3220 EZR	Horizon Seeds
10.8	69.6	84	Mean								
9.37	1.79	1.15	CV %								
1.6	2.0	2	LSD (0.05)								
Yes	Yes	Yes	Sig Diff								
7-May	Planting Date										
8-Sep	Harvest Date										

5 Acid detergent fiber (ADF)

6 Neutral detergent fiber (NDF)

7 Milk per Acre was calculated using Milk 2006, a model developed by the University of Wisconsin Extension Service.

8 Beef per acre was calculated on the assumption that one pound of beef is produced for every six pounds of TDN.

SILAGE CORN (*continued*)

Comments:

The silage corn hybrid trial was tested and the data donated by the Manitoba Corn Committee.

The data presented is for one year only. Use with caution.

All hybrids were evaluated at a plant population of 32,000 plants per acre. Plots are planted at a higher rate and thinned to achieve the target population.

Yields are corrected to 65% moisture content.

The Manitoba Corn Committee publishes the annual results along with more detailed lab analysis in their brochure. The brochure is available by calling the Manitoba Crop Alliance office at 204-745-6661 or visiting their website at <https://www.mbcropalliance.ca>.

CHU ¹	Hybrid	Technology/ Genetic Trait ²	Distributor	Arborg							
				65% Yield (Mt/ac)	Moisture ³ (%)	50% Silk (days)	TDN ⁴	ADF ⁵ (%)	NDF ⁶ (%)	Milk/Acre ⁷ (lbs/ac)	Beef/Acre ⁸ (lbs/ac)
2050	DKC20-23RIB	VT2P	DEKALB	8.7	63.3	74	77.0	20.2	36.9	7707	864
2050	Rustler	GT	Greenfield Genetics	9.8	66.4	74	76.9	20.4	39.7	8014	970
2075	DKC21-36RIB	VT2P	DEKALB	9.8	63.9	74	72.2	24.8	44.9	5468	910
2100	TH6875 VT2P	VT2P	Thunder Seed	10.1	67.4	72	75.3	21.8	38.9	7585	973
2100	DKC24-06RIB	VT2P	DEKALB	10.4	65.8	74	75.2	21.9	38.0	8796	1004
2100	CP1440VT2P/RIB	VT2P/RIB	CROPLAN	11.2	66.4	76	78.5	18.9	35.1	10232	1124
2150	TH4076 HDRR	RR2	Thunder Seed	10.0	69.1	78	77.6	19.7	36.4	8019	993
2150	913S	RR2	NorthStar Genetics	10.0	70.2	78	78.6	18.7	37.2	8170	1012
2150	AS1017RR EDF	RR2	PRIDE Seeds	10.5	66.8	78	75.5	21.7	41.5	8526	1016
2200	PS 2320RR	RR2	DLF Pickseed	11.4	65.1	74	77.0	20.2	36.2	8087	1122
2200	PV 61177SRR	RR2	Proven Seed	10.6	68.9	77	76.2	21.0	40.0	8809	1038
2200	PV 61377RIB	VT2P	Proven Seed	10.2	65.9	75	77.2	20.0	37.8	8087	1009
2200	MS 7420R	RR2	Maizex Seeds	11.1	64.1	74	75.9	21.3	39.7	7373	1084
2250	TH4126 RR	RR2	Thunder Seed	10.8	68.2	76	74.7	22.4	41.0	8651	1031
2250	X21080A/VT2P	VT2P/RIB	CROPLAN	9.5	67.1	75	71.1	25.7	45.9	6178	870
2250	PV 61479RIB	VT2P	Proven Seed	9.6	68.2	75	78.3	19.1	35.1	8379	963
2250	MS 8022R	RR2	Maizex Seeds	12.0	69.4	75	76.9	20.4	36.9	9119	1186
2275	PS 2333RR	RR2	DLF Pickseed	9.2	68.6	79	77.3	20.0	39.2	7226	915
2275	DKC29-89RIB	VT2P	DEKALB	9.3	67.3	77	76.7	20.5	39.4	6125	912
2275	A4514RR	RR2	PRIDE Seeds	9.6	68.5	77	72.6	24.4	43.3	7533	898
2300	PS 2420RR	RR2	DLF Pickseed	10.3	68.0	75	75.4	21.7	40.6	6992	993
2300	TH6180 VT2P	VT2P	Thunder Seed	11.8	66.5	77	74.0	23.0	40.5	9667	1122
2300	CP2123VT2P/RIB	VT2P/RIB	CROPLAN	10.5	66.4	76	75.9	21.3	37.7	7902	1019
2300	A4705HMRR	RR2	PRIDE Seeds	9.9	67.4	73	75.6	21.6	39.1	6496	964
2300	HZ 1710	Agrisure 3010	Horizon Seeds	10.5	71.1	79	77.1	20.1	38.5	8547	1040
2350	932S	RR2	NorthStar Genetics	11.8	72.8	84	74.0	23.1	42.2	7450	1119
2350	HZ 675	Agrisure 3010	Horizon Seeds	10.5	71.3	79	76.4	20.8	37.0	9312	1026
2375	HZ 1912	Agrisure 3120 EZR	Horizon Seeds	8.3	69.8	79	77.6	19.7	37.9	6658	827
2450	HZ 2220	Agrisure 3010	Horizon Seeds	11.6	69.1	80	77.9	19.5	36.6	9562	1160
Mean				10.3	67.9	77					
CV				7.73	2.54	2.15					
LSD (0.05)				1.3	2.8	3					
Sig Diff				Yes	Yes	Yes					
Planting Date				21-May							
Harvest Date				22-Sep							

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 is suitable for your growing region.

2 The Canadian Seed Trade Association (CSTA) website provides a database for corn hybrids available in Canada, <https://seedinnovation.ca/corn-hybrids-database>.

3 Moisture content at harvest.

4 Total digestible nutrients (TDN).

5 Acid detergent fiber (ADF).

6 Neutral detergent fiber (NDF).

7 Milk per Acre was calculated using Milk 2006, a model developed by the University of Wisconsin Extension Service.

8 Beef per acre was calculated on the assumption that one pound of beef is produced for every six pounds of TDN.

ANNUAL FORAGE — Yield Comparisons

The 2021 annual forage trial combined all crops and varieties in one trial with three replicates per site. The data presented is for one year only. Use with caution.

Crops were harvested at soft dough for cereals and peas and early heading for millet and sorghum.

Crop	Variety	2021 Dry Matter Yield (tonnes/acre) ¹		
		Arborg	Melita	Roblin
Barley	AB Advantage ^⓪	3.66	1.87	6.11
Barley	AB Cattelac ^⓪	3.54	2.14	5.22
Barley	AB Hague ^⓪	3.62	2.02	4.80
Oats	CDC Arborg ^⓪	3.33	1.79	4.86
Oats	CDC Haymaker ^⓪	4.04	1.01	5.41
Spring Triticale	Common ²	2.34	1.50	4.02
Peas/Barley	CDC Jasper ^⓪ /AB Advantage ^⓪	4.55	2.23	5.26
Peas/Oat	CDC Jasper ^⓪ /CDC Arborg ^⓪	3.05	1.20	4.80
Peas	DL Delicious ^⓪	3.95	1.56	4.21
Yellow Foxtail Millet	Golden German ²	4.31	2.44	4.31
Red Proso Millet	Cerise ²	3.68	2.25	4.99
Sorghum-Sudangrass ³	Common ²	3.37	1.72	3.49
GRAND MEAN (tonnes/acre)		3.62	1.81	4.79
CV %		11.3	18.7	9.6
LSD (tonnes/acre) (0.05)		0.69	0.58	0.78
Sig Diff		Yes	Yes	Yes
Seeding Date		19-May	31-May	20-May
Harvest Date		27-Jul	28-Jul	12-Aug & 18-Sept

1 Dry matter yields measured under a one-cut system.

2 Due to lack of availability, common seed was used.

3 Delayed maturity sorghum-sudangrass

Quality Comparisons

Crop	Variety	Forage Quality ¹								
		RFV (%) ²			CP (%) ³			TDN (%) ⁴		
		Arborg	Melita	Roblin	Arborg	Melita	Roblin	Arborg	Melita	Roblin
Barley	AB Advantage ^⓪	119	125	123	12	13	12	67	68	66
Barley	AB Cattelac ^⓪	130	120	166	12	14	12	70	66	76
Barley	AB Hague ^⓪	129	126	155	12	13	12	69	68	71
Oats	CDC Arborg ^⓪	128	108	126	11	14	11	70	64	65
Oats	CDC Haymaker ^⓪	97	102	117	10	15	11	62	61	65
Spring Triticale	Common ⁵	118	114	150	10	16	13	67	65	70
Peas/Barley	CDC Jasper ^⓪ /AB Advantage ^⓪	125	112	153	13	14	13	68	64	71
Peas/Oats	CDC Jasper ^⓪ /CDC Arborg ^⓪	125	113	122	12	15	12	68	63	64
Peas	DL Delicious ^⓪	161	111	139	18	18	16	67	56	63
Yellow Foxtail Millet	Golden German ⁵	99	99	106	13	15	13	66	62	63
Red Proso Millet	Cerise ⁵	103	96	111	14	11	12	66	62	65
Sorghum-Sudangrass	Common ⁵	102	99	110	14	13	12	65	61	65
Site Average (%)		120	110	132	13	14	12	70	63	67

1 Quality tests were done by wet chemistry and were a composite of the three plots/site.

2 Relative feed value (RFV).

3 Crude protein (CP).

4 Total Digestive Nutrients (TDN).

5 Due to lack of availability, common seed was used.

Distributor Contacts for Listed Varieties in Seed Manitoba 2022

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.

CORN

See Silage Corn table for specific hybrids, then check distributor table below for phone number

ALFALFA

Cornerstone	Northstar Seed Ltd.
Dakota	Northstar Seed Ltd.
Endurance	Northstar Seed Ltd.
Perfection	Northstar Seed Ltd.
Performer	Northstar Seed Ltd.
Revolution MD (Magnet 401)	Northstar Seed Ltd.
Rugged ST	Northstar Seed Ltd.
Sidewinder	Northstar Seed Ltd.
Instinct	DLF Pickseed Canada Inc.
Vision	DLF Pickseed Canada Inc.

BIRDSFOOD TREFOIL

Bull	DLF Pickseed Canada Inc.
Lotanova	DLF Pickseed Canada Inc.

BROMEGRASS

AAC Maximus (Meadow)	Northstar Seed Ltd.
AC Knowles (Hybrid)	Northstar Seed Ltd.

SWEET CLOVER

Norgold	Northstar Seed Ltd.
---------	---------------------

FESCUE

Courtenay (Tall)	Northstar Seed Ltd.
Driftless (Meadow)	Northstar Seed Ltd.
Palatine (Tall)	Northstar Seed Ltd.
Pradel (Meadow)	Northstar Seed Ltd.
Preval (Meadow)	Northstar Seed Ltd.
Tetrax (Meadow)	Northstar Seed Ltd.
Tower (Tall)	DLF Pickseed Canada Inc.

FORAGE BARLEY

AB Advantage	SeCan
AB Cattlelac	Alliance Seed
AB Hague	FP Geneteics

FORAGE OAT

CDC Arborg	FP Genetics
CDC Haymaker	SeCan

FORAGE PEA

CDC Jasper	SeCan
DL Delicious	DL Seeds

ORCHARDGRASS

Tundra Late	Northstar Seed Ltd.
-------------	---------------------

RYEGRASS

Elunaria (Annual)	Northstar Seed Ltd.
Polim (Perennial)	DLF Pickseed Canada Inc.

TIMOTHY

Barpenta	Northstar Seed Ltd.
Express	Northstar Seed Ltd.
Ovation	Northstar Seed Ltd.
Tresure	Northstar Seed Ltd.
AC Alliance	DLF Pickseed Canada Inc.
Comer	DLF Pickseed Canada Inc.
Comtal	DLF Pickseed Canada Inc.
Richmond	DLF Pickseed Canada Inc.
Sahara DT	DLF Pickseed Canada Inc.
Summergraze	DLF Pickseed Canada Inc.

CRESTED WHEATGRASS

AAC Renegade	Northstar Seed Ltd.
Kirk	Northstar Seed Ltd.

DISTRIBUTOR - FORAGE SEED	PHONE NUMBER
Alliance Seed	1-877-270-2890
DL Seeds.....	1-204-331-3611
FP Genetics.....	1-877-791-1045
Northstar Seed Ltd.	1-800-430-5955
DLF Pickseed Canada Inc.	1-800-263-7425
SeCan	1-800-665-7333

DISTRIBUTOR - CORN SILAGE	PHONE NUMBER
Bayer CropScience Canada Inc (DEKALB)	1-888-283-6847
BrettYoung.....	1-800-665-5015
DLF Pickseed Canada Inc (DLF Pickseed).....	1-204-633-0088
Fraser Seeds Ltd (Greenfield Genetics)	1-604-857-3355
Horizon Seeds Canada Inc (Horizon Seeds)	1-855-983-7255
Maizex Seeds Inc (Maizex Seeds).....	1-877-682-1720
NorthStar Genetics Ltd. (NorthStar Genetics)	1-204-262-2425
Nutrien Ag Solutions Proven Seed	1-855-569-9444
PRIDE Seeds	1-800-265-5280
Thunder Seed Canada Inc (Thunder Seed).....	1-888-684-8633
WinField United Canada (CROPLAN)	1-888-975-4769



www.dlfpickseed.com

DLF PICKSEED's focus is to help farmers with innovative and quality forage seed products.

For hay and pasture seed purchases contact:

Tom Rinn
2048999730
trinn@dlfpickseed.com

Shane Terry
2042236184
sterry@dlfpickseed.com

For forage and turfgrass seed production contracts:

Marcel Greaves
2047719929
mgreaves@dlfpickseed.com

Dan McGill
2047710482
dmcgill@dlfpickseed.com

Growers List



F
O
R
A
G
E

C
R
O
P
S

ALFALFA

S=Select; F=Foundation; R=Registered; C=Certified; ☼ Indicates Plant Breeders Rights (PBR) protection under UPOV 1978 and ☼ protected or pending under UPOV 1991.

POWER 4.2

Broad Valley; Woloshyn, Richard R. 204-372-6029 C

BIRDSFOOT TREFOIL

BULL

Middlebro; Ewacha, Curtis A. 204-793-5273 C

EXACT

Middlebro; Ewacha, Curtis A. 204-793-5273 C

LEO

Beausejour; Murash Farms Ltd. 204-268-0211 C
Broad Valley; Woloshyn, Stuart John 204-372-6029 C
Middlebro; Ewacha, Curtis A. 204-793-5273 C

SWEET CLOVER

NORGOLD

Fisher Branch; Danelak Farms 204-372-6236 F

TIMOTHY

S=Select; F=Foundation; R=Registered; C=Certified; ☼ Indicates Plant Breeders Rights (PBR) protection under UPOV 1978 and ☼ protected or pending under UPOV 1991.

CLIMAX

Middlebro; Ewacha, Curtis A. 204-793-5273 C

ENGMO

Middlebro; Ewacha, Curtis A. 204-793-5273 C

RICHMOND

Middlebro; Ewacha, Curtis A. 204-793-5273 C

SAHARA DT

Middlebro; Ewacha, Curtis A. 204-793-5273 C

ZENYATTA

Middlebro; Ewacha, Curtis A. 204-793-5273 C

TRITICALE

SUNRAY

Crystal City; Buchanan Seeds 204-873-2661 C

SEED YOU CAN COUNT ON.

- Total Ration Solutions testing program used to identify hybrids with maximum silage yield potential and quality
- Line-up includes EDF (Effective Digestible Fibre) and EDP (Effective Dual Purpose) hybrids for end use flexibility

FOCUS ON
PERFORMANCE

PRIDSEEDS.COM
1.800.265.5280



PRIDE and the PRIDE Seeds Design are registered trademarks of AgReliant Genetics and its affiliated companies. ©2021 AgReliant Genetics, Inc.



PRIDE SEEDS



PROUD DISTRIBUTOR



Proud to be 100% Western Canadian owned and focused.

BRED FOR YOUR COWS

Silage Specific Corn Hybrids

 **NorthStar**
Genetics

For more information, visit
northstargenetics.ca

913S



2100-2200 CHU
75 DAY RM

Exceptional tonnage

Tall hybrids with large, flex ears

Very good roots and standability

917S



2150-2250 CHU
77 DAY RM

High quality silage

Extended chopping window

Short fermentation period

932S



2300-2400 CHU
89 DAY RM

More digestible fibre

Highly available starch

Excellent for grazing



JOHN DEERE
FINANCIAL

0% financing available through John Deere Financial

©NORTHSTAR GENETICS 2021

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Ready® 2 Technology contains genes that confer tolerance to glyphosate. Glyphosate will kill crops that are not tolerant to glyphosate. Roundup Ready® is a registered trademark of Bayer Group. Used under license

Additional Resources



Additional Resources

MANITOBA CROP VARIETY EVALUATION TEAM (MCVET)

Jennifer Seward (Chair)	
Manitoba Seed Growers' Association.....	204-745-6274
E-MAIL.....	jennifer.seward@seedmanitoba.ca
Anne Kirk (Editor)	
Manitoba Agriculture and Resource Development	204-750-1351
E-MAIL.....	anne.kirk@gov.mb.ca
Chami Amarasinghe	
Manitoba Agriculture and Resource Development	204-823-2584
E-MAIL.....	chami.amarasinghe@gov.mb.ca
Anita Brule-Babel	
Faculty of Agricultural and Food Sciences, University of Manitoba ..	204-474-6062
E-MAIL.....	anita_brulebabel@umanitoba.ca
Ana Badea	
Brandon Research and Development Centre, Agriculture and Agri-Food Canada.	
204-578-6573	
E-MAIL.....	ana.badea@canada.ca
Tracy Court	
Manitoba Seed Growers' Association	204-212-0349
E-MAIL.....	tracy.courtseeds@gmail.com
Brad Pinkerton	
Seeds Canada	204-792-1880
E-MAIL.....	bpinkerton@secan.com
Paul Gervais	
Seeds Canada	204-435-2063
E-MAIL.....	paul.gervais@nutrien.com
Cassandra Tkachuk	
Manitoba Pulse & Soybean Growers	204-745-6488
E-MAIL.....	cassandra@manitobapulse.ca
Mallorie Lewarne	
Manitoba Crop Alliance	204-245-0345
E-MAIL.....	mallorie@mbcropalliance.ca

MANITOBA SEED GROWERS' ASSOCIATION (MSGA)

Website: www.seedmanitoba.ca	
Twitter: @seedmanitoba	
Jennifer Seward, Executive Director	
Box 1910 , Carman, MB R0G 0J0	204-745-6274
E-MAIL.....	jennifer.seward@seedmanitoba.ca
Daniel Sanders, President	
Manitou, MB	204-242-4200
Tom Greaves, Vice-President	
Domain, MB.....	204-736-2849
AJ Armstrong, Provincial Director	
Boissevain, MB	204-534-8599
Adam Gregory, Provincial Director	
Fisher Branch, MB	204-372-6720

MANITOBA SEED GROWERS' ASSOCIATION (MSGA)

Marcel Gousseau, Provincial Director	
Oak Bluff, MB	204-895-1357
Simon Ellis, Provincial Director	
Wawanesa, MB.....	204-720-9155
Tracy Court, Provincial Director	
Plumas, Manitoba	204-212-0349
Andrew Ayre, Past- President & National Director	
Minto, MB	204-776-2333
Ryan Murray, National Director	
Decker, MB	204-764-2469
Chami Amarasinghe, National & Provincial Board Advisor	
Manitoba Agriculture and Resource Development	204-823-2584

CROP RESEARCH ORGANIZATION PORTAGE (CROP)

Shawn Cabak	
Portage la Prairie, MB	204-239-3353
E-MAIL.....	shawn.cabak@gov.mb.ca

SOUTH INTERLAKE CROP TESTING COMMITTEE (Stonewall)

Ingrid Kristjanson	
E-MAIL.....	ingrid.kristjanson21@gmail.com

WALKER'S SEED SERVICE

Independent Seed Retailer | Contact Us Today!



Alan Walker
Box 216 Miniota, MB
R0M 1M0
204-567-3647
ajwalker@mymts.net

Partners:



CDS Austenson | AAC Brandon AAC Wheatland | Young R2X | Starbuck | Leewochko Peas

We've got Manitoba farmers covered.



Westland Insurance

Stay connected with us
westlandinsurance.ca



APPLIED PRODUCTION RESEARCH

PARKLAND CROP DIVERSIFICATION FOUNDATION (PCDF)

James Frey, Manitoba Agriculture and Resource Development
Box 970, 117 2nd Ave N, Roblin, MB R0L 1P0204-247-0346
E-MAIL.....james.frey@gov.mb.ca

PRAIRIES EAST SUSTAINABLE AGRICULTURE INITIATIVE (PESAI)

Nirmal Hari, Manitoba Agriculture and Resource Development
Box 2000, 317 River Road West, Arborg, MB R0C 0A0204-391-3623
E-MAIL.....nirmal.hari@gov.mb.ca

WESTMAN AGRICULTURAL DIVERSIFICATION ORGANIZATION (WADO)

Scott Chalmers, Manitoba Agriculture and Resource Development
Box 519, 139 Main St, Melita, MB R0M 1L0204-522-5415
E-MAIL.....scott.chalmers@gov.mb.ca

CANADA-MANITOBA CROP DIVERSIFICATION CENTRE (CMCDC)

Haider Abbas, Manitoba Agriculture and Resource Development
Box 160, Jct of Hwys. #1 & #5, North of #5, Carberry, MB R0K 0H0
204-841-4712
E-MAIL.....haider.abbas@gov.mb.ca

MANITOBA AGRICULTURE AND RESOURCE DEVELOPMENT & MANITOBA AGRICULTURAL SERVICES CORPORATION (MASC) SERVICE CENTRES

Arborg.....	1-833-206-0451
Brandon.....	1-833-206-0455
Dauphin.....	1-833-206-0459
Headingley.....	1-833-206-0465
Killarney.....	1-833-206-0466
Morden.....	1-833-206-0479
Neepawa.....	1-833-206-0469
Portage la Prairie.....	1-833-206-0470
Steinbach.....	1-833-206-0480
Swan River.....	1-833-206-0476

MANITOBA BUCKWHEAT GROWERS ASSOCIATION

Marc Durand, President
Notre Dame de Lourdes, MB204-248-2268
E-MAIL.....durandseeds@gmail.com

Cam Stockford, Vice President
Altamont, MB204-744-2267

David Huyber
Langruth, MB204-445-2285

Les McEwan
Altamont, MB204-744-2344
E-MAIL.....mcewan_les@hotmail.com

Syd Puchailo
Grandview, MB204-546-2074

Albert Dohan
Ethelbert, MB204-742-3746

Ben Fyk
Garland, MB204-742-3533

Dan DeRuyck
Treherne, MB204-526-2066
E-MAIL.....dderuyck@mymts.net

Lee Anne Murphy, Industry Representative
Independent.....lm@murphyetal.com

MANITOBA CANOLA GROWERS ASSOCIATION (MCGA)

Website: www.canolagrowers.com
Email: info@canolagrowers.com
Phone: 204-982-2122; Fax: 204-942-1841
Twitter: @CanolaGrowers

Delaney Ross Burtnack, Executive Director
400-167 Lombard Avenue, Winnipeg, MB R3B 0T6204-982-2120
E-MAIL.....delaney@canolagrowers.com



TURNING LAB ANALYSIS INTO PRODUCER PROFITS

Pulse Package - \$149 (GST included) Germination, Cold Vigour, 1000 KW, all applicable diseases	
Cereal Package 1 (Wheat, Rye, Oats, Triticale) - \$149 (GST Included) Germination, Cold Vigour, 1000 KW, Fusarium, Cochliobolus	
Cereal Package 2 (Barley) - \$207 (GST included) Germination, Cold Vigour, 1000 KW, Fusarium, Cochliobolus, Smut	
Wheat Marketing Package - \$93 (GST included) Falling Number, Protein, Vomitoxin, Bushel Weight	
Malt Barley Marketing Package - \$88 (GST Included) Malt Germ, Protein, Plump Test, Vomitoxin	
Germination - \$25 (GST included) Soil Germination - \$35 (GST included) Vigour - \$38 (GST included)	Clubroot - \$95 (GST included) Disease - please call for more info Aphanomyces - \$113 (GST included)

GO TO www.seedtesting.com OR CALL 306-249-4484 FOR MORE INFO



Manitoba's Seed Growers Never Stop Growing...and neither do we!

Through our innovative testing services, you can ensure that your product is the highest quality for your customers.

- Seed quality packages to maximize your seed's potential
- Diagnostic tests to help manage and control seed-borne diseases

- REGAL phytosanitary analysis for specific weeds and soil particles
- Midge-tolerant wheat refuge testing for varietal blends

We are proud to be Manitoba's local seed testing service provider. Send us a sample today!



3489 Pembina Hwy Winnipeg, MB R3V 1A4
1.204.261.3755 | [f](https://www.facebook.com/2020seedlabs) [i](https://www.instagram.com/2020seedlabs) [y](https://www.youtube.com/2020seedlabs) [@2020seedlabs](https://twitter.com/2020seedlabs)
2020seedlabs.ca

MANITOBA CANOLA GROWERS ASSOCIATION (MCGA)

Clayton Harder, President

Narol, MB204-470-3021
E-MAIL.....clayton@canolagrowers.com

Charles Fossay, Vice President

Starbuck, MB204-781-9843
E-MAIL.....charles@canolagrowers.com

Bill Nicholson, Secretary

Shoal Lake, MB204-724-0884
E-MAIL.....billn@canolagrowers.com

Curtis McRae, Treasurer

St. Andrews, MB204-485-1274
E-MAIL.....curtis@canolagrowers.com

Pam Bailey

Dacotah, MB204-870-3090
E-MAIL.....pam@canolagrowers.com

Nicolea Dow

Portage la Prairie, MB204-871-2536
E-MAIL.....ronaldfarmsinc@gmail.com

Jack Froese

Winkler, MB204-325-2056
E-MAIL.....jack@canolagrowers.com

MANITOBA CROP ALLIANCE

Address: Box 188, 38 4th Ave NE Carman, MB R0G 0J0

Website: www.mbcropalliance.ca

Email: hello@mbcropalliance

Phone: 204-745-6661; Fax: 204-745-6122

Twitter: @mb_cropalliance

Pam de Rocquigny, Chief Executive Officer

Carman, MB

Fred Greig, Chair - Wheat & Barley Crop Committee

Reston, MB

MANITOBA CROP ALLIANCE

Robert Misko, Vice-Chair - Wheat & Barley Crop Committee
Roblin, MB

Doug Martin, Secretary - Wheat & Barley Crop Committee
East Selkirk, MB

Jonathan Hodson - Corn Crop Committee
Lenore, MB

Leonard Wiebe - Corn Crop Committee
Carman, MB

Eric Fridfinnson - Flax Crop Committee
Arborg, MB

Gregg Fotheringham - Sunflower Crop Committee
Reston, MB

Mark McDonald - Sunflower Crop Committee
Virden, MB

Warren McCutcheon - Corn Crop Committee
Carman, MB

Ryan Hueging - What & Barley Crop Committee
Woodlands, MB

Nick Matheson - Flax Crop Committee
Stonewall, MB

MANITOBA FORAGE & GRASSLAND ASSOCIATION

Website: www.mfga.net

Email: info@mfga.net

Twitter: @MBForages

Duncan Morrison, Executive Director

c/o 145 Edstan Place Selkirk, MB R1A 2E8204-770-3548

E-MAIL.....duncan@mfga.net

Larry Wegner, Chair

Virden, MB.....204-748-2492

E-MAIL.....wegnerlr@hotmail.ca

Lawrence Knockaert, Vice Chair, Director, Dairy Farmers of MB

Bruxelles, MB204-526-2836

E-MAIL.....lawrence@mts.net



Nadeau
Seeds Inc

**OUR SEED,
YOUR FUTURE.**

**Seed Production,
Processing and Sales.**

204.436.2469
www.nadeauseeds.ca



CONFIDENCE

**YOUR
ONE-STOP-SHOP**

**CANADA'S MOST COMPREHENSIVE
SEED TESTING SERVICES**

WE ARE NOW ISTA ACCREDITED!

- Seed Analysis
- Plant Diseases
- ISTA Certificates
- APHIS and REGAL
- Trait Confirmation
- EU Grade Reports



CONTACT US:
PHONE : 1.800.952.5407
TEXT : 1.587.801.1313
E-MAIL : CA.SeedandCrop@sgs.com

🐦 seed_testing
📷 SGS_SeedandCrop_Canada

WWW.CROPSOURCE.SGS.COM

SGS

MANITOBA FORAGE & GRASSLAND ASSOCIATION

Ryan Boyd, Finance Chair

Forrest, MB 204-724-7019
E-MAIL rboydy@yahoo.ca

Shauna Breault, Director

Ste Rose, MB breaulttranching@hotmail.ca

Matt Van Steelandt, Director

Melita, MB m.vansteelandt@gmail.com

Kristelle Harper, Director

Brandon, MB kristelle.hrp@gmail.com

Zack Koscielny, Director

Strathclair, MB zkoscienly@outlook.com

Andrea Hamilton, Director

Glenboro, MB andrea.hamilton10@hotmail.com

Arron Nerbas, Director

Shellmouth, MB agnerbus@gmail.com

Mike Duguid, Director, Manitoba Beef Producers

Arnes, MB michaelduguid54@gmail.com

Jacques Saquet, Director, Manitoba Bison Association

Laurier, MB cjsaquet@gmail.com

Guy Bouchard, Director, Manitoba Sheep Producers

Vita, MB guy_bouchard@hotmail.com

Charlotee Crawley, Ex-Officio, Ducks Unlimited

Brandon, MB 204-729-3526

E-MAIL c_crawley@ducks.ca

Mae Elsinger, Ex-Officio, Agriculture & Agri-Food Canada

Brandon, MB 204-578-6634

E-MAIL mae.elsinger@canada.ca

Glenn Friesen, Ex-Officio, Manitoba Agriculture and Resource Development

Winnipeg, MB 204-945-1233

E-MAIL glenn.friesen@gov.mb.ca

Emma McGeough, Ex-Officio, U of M Animal Science Rep

Winnipeg, MB 204-474-9468

E-MAIL emma.mcgeough@umanitoba.ca

MANITOBA FORAGE SEED ASSOCIATION (MFSA)

Mailing address: Box 2000, Arborg MB R0C 0A0

Website: www.forageseed.net

Twitter: @MB_Forage_Seeds

Heather McBey, MFSA Administrator

Arborg, MB 204-376-3309

E-MAIL hmcbey@forageseed.net

Roger Burak, MFSA Research Manager

Arborg, MB 204-641-4115

E-MAIL rburak@forageseed.net

MANITOBA PULSE & SOYBEAN GROWERS (MPSG)

Address: Box 1760, 38 4th Ave NE, Carman MB R0G 0J0

Phone: 204-745-6488; Fax: 204-745-6213

Website: www.manitobapulse.ca

Twitter: @MbPulseGrowers

Daryl Domitruk, Executive Director

Box 1760, Carman, MB R0G 0J0 204-745-6488

E-MAIL daryl@manitobapulse.ca

PRAIRIE OAT GROWERS ASSOCIATION

Address: Box 20106, Regina, SK S4P 4J7

Phone: 306-530-8545; Fax: 866-286-1681

Shawna Mathieson, Executive Director

Regina, SK 306-530-8545

E-MAIL smathieson@poga.ca

Jenneth Johanson, President

Lac du Bonnet, MB 204-340-7878

E-MAIL jjohanson@mts.net

REGISTERED SEED MERCHANTS

Alexander; Thomson Forage and Grass Seeds 204-328-7149

Altona; GJ Chemical Co. Ltd. 204-324-8090

Altona; LD Seed Company 204-304-0048

Altona; Sawatzky Seed Farms Inc. 204-324-4018

Altona; Wesmar Farms Ltd. 204-324-4097

Arborg; Burak Seeds 204-364-2480

Arborg; Floyd Farms Inc. 204-364-2308



AFTER 39 SEASONS THERE'S STILL ROOM TO GROW.

You might get about 40 chances to grow your next best yield, and with mounting pressure from insects and disease maybe it's time to increase your yield with a new crop. DEKALB® corn seed is designed with superior genetics and powered by Bayer, so you can add diversity and peace of mind to your crop.



THE SEED FOR EVERY SEASON

DEKALB.ca | 1 888-283-6847 | @DEKALB_Canada |

@Bayer4CropsCA | #AskBayerCrop

Bayer is a member of Excellence Through Stewardship® (ETS). Bayer products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with Bayer's Policy for Commercialization of Biotechnology-Derived Plant Products in Commodity Crops. These products have been approved for import into key export markets with functioning regulatory systems. Any crop or material produced from these products can only be exported to, or used, processed or sold in countries where all necessary regulatory approvals have been granted. It is a violation of national and international law to move material containing biotech traits across boundaries into nations where import is not permitted. Growers should talk to their grain handler or product purchaser to confirm their buying position for these products. Excellence Through Stewardship® is a registered trademark of Excellence Through Stewardship.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Ready® 2 Technology contains genes that confer tolerance to glyphosate. Glyphosate will kill crops that are not tolerant to glyphosate. Bayer, Bayer Cross, DEKALB and Design®, DEKALB®, RIB Complete®, Roundup Ready 2 Technology and Design™, Roundup Ready®, SmartStax® and VT Double PRO® are trademarks of Bayer Group. LibertyLink® and the Water Droplet Design are trademarks of BASF. Used under license. Herculex® is a registered trademark of Dow AgroSciences LLC. Used under license. Bayer CropScience Inc. is a member of CropLife Canada. ©2021 Bayer Group. All rights reserved.

REGISTERED SEED MERCHANTS

Arborg; Foster Ag Services	204-364-2358
Arborg; Midlake Specialty Food Products	204-376-2824
Arborg; Nutrien Ag Solutions	204-376-5990
Arborg; Paterson Grain	204-376-5353
Arborg; S.S. Johnson Seeds Ltd.	204-376-5228
Arborg; Timchishen Seeds	204-641-1288
Arnaud; GJ Chemical Co. Ltd.	204-427-2337
Ashville; InterMountain Ag Supply	204-918-7582
Austin; Squirrel Creek Seeds	204-685-2376
Baldur; David Desrochers	204-535-2090
Baldur; Pembina Co-op	204-535-2598
Beausejour; Bangert Farms Ltd.	204-268-1268
Beausejour; Delmar Commodities Ltd.	204-268-9797
Beausejour; Northland Applicators Ltd.	204-268-5135
Beausejour; Nutrien Ag Solutions	204-268-3497
Beausejour; Beausejour Consumers Cooperative Ltd.	204-406-2522
Binscarth; Inland Seed Corp.	204-683-2316
Binscarth; Paterson Grain	204-532-2461
Boissevain; Armstrong Seeds	204-534-2566
Boissevain; Boissevain Select Seeds Ltd.	204-534-6846
Boissevain; Double Diamond Farm Supply	204-534-2427
Boissevain; Martens, Ben and John	204-534-6952
Brandon; A.E. McKenzie Co. ULC	204-571-7500
Brandon; Lindenberg Seed Ltd.	204-727-0575
Brandon; Richardson Pioneer - Brandon	204-727-5353
Brandon; Wheat City Seeds Ltd.	204-727-3337
Brunkild; MK Agro Ltd.	204-736-4769
Brunkild; Richardson Pioneer	204-736-5000
Carberry; Nutrien Ag Solutions	204-834-2180
Carman; AGrow 360 Ltd.	204-745-1938
Carman; Bayer CropScience Inc.	204-745-4211
Carman; Bud McKnight Seeds Ltd.	204-745-2310
Carman; RJP Seed Ltd.	204-745-0088
Carman; Ronlin Farms Ltd.	204-745-3415
Carman; Ulrich & Monika Menold Ltd.	204-745-2822
Clearwater; Sloane AgriVentures Ltd.	204-873-2361
Crandall; Rolling View Farms Inc.	204-562-3632
Cromer; Bartel Seeds	204-662-4484
Crystal City; Buchanan Seeds	204-825-7151
Crystal City; Crystal City Seeds Ltd.	204-825-4525
Darlingford; Dudgeon's Upper Lye Seeds	204-246-2357
Darlingford; MGM Seed & Service Ltd.	204-246-2119
Darlingford; Nutrien Ag Solutions	204-246-2500
Dauphin; Cargill Ltd.	204-638-4033
Dauphin; Dauphin Consumers Co-op	204-622-6080
Dauphin; Dauphin Plains Seed Ltd.	204-638-7800
Dauphin; Fisher Seeds Ltd.	204-622-8800
Dauphin; Richardson Pioneer	204-622-6030
Dauphin; Shirt-tail Creek Beef & Seed	204-638-5569
Decker; MFI SEED	204-764-2733
Deloraine; Bolduc & Bell Farms	204-747-2913
Deloraine; Nutrien Ag Solutions	204-747-2877
Deloraine; Paterson Grain	204-747-2333
Domain; Manness Seed	204-736-2622
Domain; Pittura Seed Service	204-736-2849
Douglas; Heritage Co-op 1997 Ltd.	204-763-8998
Dufrost; Catellier Seed Service Inc.	204-347-5588
Dugald; Parrish & Heimbecker Ltd.	204-259-9600
Dugald; South East Seeds Inc.	204-371-2898
Elie; Dyck Forages and Grasses Ltd.	204-353-2885
Elm Creek; Cargill Ltd.	204-436-2010
Elm Creek; James Runne	204-436-2352
Elphinstone; Gerrard Family Seeds	204-365-0321
Fannystelle; JR Brothers Farms	204-751-0442
Fannystelle; Nadeau Seeds Inc.	204-436-2469
Fisher Branch; George & Harvey Danelak	204-372-6236
Fisher Branch; Interlake Agri Ltd.	204-372-6720
Fisher Branch; Interlake Forage Seeds Ltd.	204-372-6920
Fork River; Nutrien Ag Solutions	204-657-2366
Foxwarren; George Graham Seed Farms	204-773-6389
Foxwarren; West-Fox Farms	204-683-2247
Foxwarren; Westwarren Farms Inc.	204-683-2347
Gilbert Plains; Gilbert Plains Consumers Co-op	204-548-2099
Gilbert Plains; T & S Seeds	204-548-2805
Gladstone; Delmar Commodities Ltd.	204-385-2292
Gladstone; Nu Era Seeds Ltd.	204-385-2065
Gladstone; Nutrien Ag Solutions	204-385-2349
Gladstone; Parrish & Heimbecker Ltd.	204-385-2139
Gladstone; Ridder Farms Ltd.	204-856-3282
Glenboro; Jefferies Seeds	204-827-2102
Grandview; Triple "S" Seeds Ltd.	204-546-2590
Grosse Isle; Rutherford Farms Ltd.	204-467-5613

REGISTERED SEED MERCHANTS

Hadashville; Sunburst Seeds	204-340-7145
Hamiota; Cargill Ltd. - Oakner	204-764-2012
Hamiota; Chappell Ag Solutions Inc.	204-764-2844
Hamiota; Knight Seeds	204-764-2450
Hamiota; Nutrien Ag Solutions	204-764-2111
Holland; Mylana Farms	204-526-2776
Holland; Nutrien Ag Solutions	204-723-2423
Holland; Zeghers Canada	204-526-2145
Homewood; Agassiz Seed Farm Ltd.	204-745-6655
Inglis; Beischer Family Seeds	204-564-2676
Kenton; Robert & Sidney Stevenson	204-838-2012
Kenville; Carmichael Seed Farm	204-734-8683
Killarney; Bar H Agri Seeds	204-523-7464
Killarney; Chatham Seeds Ltd.	204-523-8112
Killarney; Paterson Grain	204-523-8936
Killarney; Richardson Pioneer	204-523-7035
Killarney; Shur-Gro Farm Services Ltd.	204-523-5400
Landmark; Richardson Pioneer	204-355-4061
Laurier; LaurEx Seeds Ltd.	204-447-2916
Letellier; Richardson Pioneer	204-737-2096
Letellier; Seed-Ex Inc.	204-737-2000
Lowe Farm; MB Seeds Ltd.	204-746-2187
Lowe Farm; Nutrien Ag Solutions	204-343-2136
Lowe Farm; Winkler Consumers Cooperative Ltd.	204-746-2234
MacGregor; Hulme Agra Products Inc.	204-685-2627
Manitou; Keen Seeds Ltd.	204-242-4074
Manitou; Sanders Seed Farm	204-242-4200
Marquette; Ag Advantage Ltd.	204-322-5351
Marquette; Prairie Roots Consumers Co-operative Ltd.	204-375-6570
Mather; McLennan Farms Ltd.	204-529-2372
Medora; Vandaele Seeds Ltd.	204-665-2384
Melita; Cargill Ltd.	204-522-3221
Melita; Paterson Grain	204-522-3472
Miami; SJ Agronomy Services Inc.	204-435-2722
Miniota; Twin Valley Co-op - Miniota	204-567-3766
Miniota; Walker's Seed Service	204-567-3647
Minnedosa; Heritage Co-op 1997 Ltd.	204-867-2749
Minto; Ag-Quest Inc.	204-776-2087
Minto; Fraser Seeds Ltd.	204-776-2047
Minto; Pembina Consumers Coop	204-776-2353
Minto; Southern Seed	204-776-2333
Morden; Valleyfield Enterprises Ltd.	204-822-3853
Morden; Winkler Co-op, Morden Agro	204-325-1658
Morden; Western Harvest Bean ULC	204-515-7331
Morris; Horizon Agro	204-746-2026
Morris; Red River Seeds Ltd.	204-746-4779
Morris; Tri-M Commodities Inc.	204-746-5316
Navin; James Farms Ltd.	204-222-8785
Neepawa; Kulbacki Seeds Ltd.	204-476-6449
Neepawa; Neepawa - Gladstone Co-operative Ltd.	204-476-3431
Neepawa; Northstar Seed Ltd.	204-476-5241
Neepawa; Redfern Farm Services	204-476-2301
Nesbitt; Cargill Ltd. - Nesbitt	204-824-4484
Newdale; Warehamdale Seeds Ltd.	204-849-2029
Niverville; Paterson Grain	204-388-6565
Niverville; Prairie Sky Crop Solutions	204-388-4303
Niverville; South East Seeds Inc.	204-371-2898
Notre Dame de Lourdes; Durand Seeds Inc.	204-248-2268
Notre Dame de Lourdes; Pembina Co-op	204-248-2331
Oak Bluff; Derek Erb Seeds Inc.	204-792-6744
Oak Bluff; Terraco	204-261-0731
Oak Lake; Geryllyn Acres Ltd.	204-855-3128
Oak River; Henry, J.S. & Son Ltd.	204-566-2422
Oakbank; Ag Advantage	204-444-5052
Oakbank; Willowdale Seeds	204-801-0659
Oakville; Intel Seed Ltd.	204-267-7389
Oakville; Miller Agritec Seed Inc.	204-267-2363
Oakville; Shur-Gro Farm Services Ltd.	204-267-2701
Petersfield; Nutrien Ag Solutions	204-886-3100
Pilot Mound; Double Diamond Farm Supply	204-825-2429
Pilot Mound; Nutrien Ag Solutions	204-873-2059
Pilot Mound; Smith Family Seeds Ltd.	204-825-7810
Pilot Mound; Wallace Seeds	204-825-4543
Plum Coulee; Janzen Seeds Ltd.	204-829-7749
Plumas; Court Seeds Ltd.	204-386-2354
Plumas; Tonn Seeds	204-386-2206
Portage la Prairie; Homestead Consumers Co-op Limited	204-637-3030
Portage la Prairie; Jonair (1988) Ltd.	204-857-4151
Portage la Prairie; New Gen Seed Service Ltd.	204-274-2417
Portage la Prairie; Pugh Seeds Ltd.	204-274-2179
Portage la Prairie; Sanderson, Garry	204-857-8406
Portage la Prairie; Sissons Farms Ltd.	204-857-7341

REGISTERED SEED MERCHANTS

Rathwell; Payette Seeds Ltd.....	204-749-2243
Reston; Avondale Seed Farm Ltd.....	204-877-3813
Reston; Nutrien Ag Solutions	204-877-3128
Rivers; Providence Farms	204-328-7189
Rivers; Redsper Enterprises Ltd.....	204-328-5346
Roblin; G M Seed Cleaning.....	204-937-2739
Roblin; Parkway Consumers Co-operatives Limited	204-937-6402
Roland; Delmar Commodities Ltd.....	204-343-2323
Roland; Roland Air Spray Ltd.....	204-745-6111
Rosenort; Friesen Seeds Ltd.....	204-746-8325
Rosser; Krym Farms Ltd.....	204-955-5562
Rosser; Mei-West Enterprises Inc.....	204-467-5922
Russell; Keating Seed Farms Inc.	204-773-3854
Sanford; Bergen Seed Farm.....	204-736-2278
Sanford; SKT Farms Inc.....	204-295-9756
Shoal Lake; Richardson Pioneer	204-759-2917
Solsgirth; Nickel Bros.....	204-842-3834
Somerset; Ronceray Seeds.....	204-744-2558
Somerset; Sierens Seed Service	204-744-2883
Souris; Kohut Seed Farms Ltd.....	204-483-3063
Souris; Nutrien Ag Solutions	204-483-3860
Souris; Perkin Seed and Soil Ltd.....	204-741-0955
Souris; Synergy Seeds - Souris	204-441-8050
St. Andrews; Long Lake Farms Ltd.....	204-485-3907
St. Claude; R-Way Ag Ltd.....	204-379-2582
St. Jean Baptiste; Nutrien Ag Solutions	204-758-3125
St. Joseph; AGT Foods Canada.....	204-737-2625
St. Joseph; Loewen Seeds Ltd.....	204-324-7863
St. Joseph; Remillard Seed Farm.....	204-737-2376
St. Léon; Ferme Labossière Farms Inc.	204-744-2208
St. Léon; Pembina Co-op	204-744-2850
Starbuck; Richardson Pioneer.....	204-735-2302
Ste. Anne; Seine River Seed Farm	204-371-7700
Ste. Rose Du Lac; PNR Farms	204-447-2118
Steinbach; Clearview Consumers Coop Ltd.....	204-346-2667
Steinbach; Marc Hutlet Seeds Ltd.....	204-422-5805

REGISTERED SEED MERCHANTS

Stonewall; Richardson Pioneer - South Lakes	204-694-0825
Stonewall; Unger Seed Farm Ltd.....	204-467-8630
Strathclair; Parrish & Heimbecker Ltd. - Glossop	204-365-5282
Swan River; Cargill Ltd. - Swan River	204-734-5747
Swan River; New Era Ag Technologies	204-734-6222
Swan River; Oberlin Farms & Seed Service Ltd.	204-734-2292
Swan River; Richardson Pioneer	204-238-4237
Swan River; Swan Valley Co-op Agro	204-734-4208
Swan River; Swan Valley Seeds.....	204-734-2526
Teulon; Kaljent Ag Services.....	204-886-2180
Teulon; Kletke Seed Farm Ltd.	204-886-2822
Teulon; Paterson Grain.....	204-886-3401
Teulon; Willis Agro Ltd.	204-461-0386
Treherne; Stinson Seeds	204-526-5351
Virden; Clearview Acres Ltd.	204-748-2666
Virden; Hutch Ag	204-851-6157
Virden; Nielsen Seeds Ltd.	204-851-0225
Virden; Redfern Farm Services Ltd.	204-748-1122
Virden; Valleyview Consumers Coop Ltd.....	204-748-2843
Warren; Jones Farm Seeds.....	204-322-5604
Warren; Riddell Seed Co.....	204-227-5679
Waskada; Shur-Gro Farm Services Ltd.....	204-673-2445
Wawanesa; Ellis Farm Supplies Ltd.	204-824-2290
Westbourne; Richardson Pioneer - Dundonald.....	204-274-2301
Westbourne; Shur-Gro Farm Services Ltd.	204-274-3050
Winkler; Ens Farms Ltd.	204-325-4658
Winkler; Essen Transport Ltd.....	204-325-5200
Winkler; Winkler Co-op - Rosetown	204-327-6424
Winnipeg; Bayer CropScience Inc.	204-470-7931
Winnipeg; BrettYoung Seeds.....	204-478-2212
Winnipeg; C.M. Agra Ltd.....	204-633-6010
Winnipeg; DL Seeds Inc.	204-781-8273
Winnipeg; DLF Pickseed Canada Inc.....	204-633-0088
Winnipeg; Imperial Seed Ltd.	204-786-8457
Winnipeg; Paterson Grain.....	204-694-4445
Winnipeg; SGS Canada Inc.....	204-942-8557

Get to **the root** of the problem.

Mitigate clubroot and maintain profitability
by using clubroot resistance (CR) as part of an integrated prevention and management plan.

Visit **clubroot.ca** to learn more.



canolacouncil
OF CANADA

ACCREDITED PRIVATE SEED LABS

Lab Name and Address	Contact	Scope of CFIA Accreditation*		Other Services (not accredited by CFIA)
		Purity & Germination	Disease	
Manitoba				
20/20 Seed Labs (Winnipeg) 3487 Pembina Hwy. Winnipeg, Manitoba R3V 1A4	Shari Lafreniere Tel: 1-877-420-2099 Fax: 1-888-900-1810 Shari@2020seedlabs.ca	Purity and germination of all crop kinds in Grade Tables I to XI (except Orchardgrass) 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@redsper.ca	Purity and germination of all crop kinds in Grade Tables I to XI (except Orchardgrass) and XIII to XX	None	Pulses: Anthracnose, Botrytis Vomitoxin, Ascochyta spp.
Integrity Seed Lab Ltd. 8040 Park Royale Way Winnipeg, Manitoba R3V 1L5	Glen Green Tel: (204) 774-1882 Fax: (204) 774-1881 info@integrityseedlab.com g.green@integrityseedlab.com	Purity and germination of all crop kinds in Grade Tables I to XI (except Orchardgrass) and XIII to XX	None	Herbicide tolerance testing in RR Canola and LL Canola and RR Soybeans Cereals: Vomitoxin
Saskatchewan				
AG Seed Lab Box 998 Carrot River, Saskatchewan S0E 0L0	Loretta Buhler Tel: (306) 768-3335 Fax: (306) 768-2169 agseedlab@sasktel.net	Purity and germination of all crop kinds in Grade Tables I to XX	Barley for True Loose Smut	Cereals: Fusarium. Pulses: Ascochyta, Anthracnose, Botrytus, 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	Purity and germination of all crop kinds in Grade Tables I to XI (except Orchardgrass) and XIII to XX	Barley for True Loose Smut	Flax: Triffid detection Cereals: Vomitoxin, Ochratoxin, fusarium, root rots, Wheat Midge Refuge testing, variety identification (Wheat & Barley) Pulses: Ascochyta, Anthracnose, Botrytis, Sclerotinia Canola: Blackleg, Alternaria, Sclerotinia Herbicide tolerance testing in RR Canola and LL Canola and RR Soybeans, clubroot (plant & soil) Clearfield confirm
London Seed Lab 147 Hodsman Road Regina, Saskatchewan S4N 5W5	Tej Prasad Tel: (306) 585-7333 Fax: (306) 585-7337 london.seeds@gmail.com	Purity and germination of all crop kinds in Grade Tables I to VII and XVIII	None	
Parkland Seed Lab 619 - 9th Avenue West Melville, Saskatchewan S0A 2P0	Mel Pitz Tel: (306) 508-0151 desireeprice76@gmail.com	Germination of all crop kinds in Grade Tables I to VII and XVIII	None	
Prairie Diagnostic Seed Lab Inc. 1105 Railway Ave. E Weyburn, Saskatchewan S4H 3H5	Bonnie Ernst Tel: (306) 842-7375 Fax: (306) 842-7376 pdsi@sasktel.net	Purity and germination of all crop kinds in Grade Tables I to VII	Barley for 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 seedsolutions@xplornet.com	Purity: none Germination: Crop kinds in Grade Tables I to VI	Barley for True Loose Smut	
Alberta				
20/20 Seed Labs Inc. (AB) 507-11th Ave Nisku, Alberta T9E 7N5	Carey Matthiessen Tel: (780) 955-3435 Fax: (780) 955-3428 carey@2020seedlabs.ca	Purity and germination of all crop kinds in Grade Tables I to XX	Barley for True Loose Smut	Flax: Triffid detection Pulses: Ascochyta spp.
SGS Canada Inc. (Sherwood Park) 280 Portage Close, Unit 310, Sherwood Park, Alberta T8H 2R6	Janek Bartel Tel: 1-800-952-5407 Fax: (866) 589-7051 janek.bartel@sgs.com	Purity and germination of all crop kinds in Grade Tables I to XI (except Orchardgrass) and XIII to XX	Barley for True Loose Smut	Flax: Triffid detection CLEARFIELD confirm in wheat & lentils Cereals: Fusarium spp., Root Rot, Fungal Scan. Pulses: Botrytis, Anthracnose, Ascochyta spp. Canola: Blackleg Varietal Identification in barley & wheat
SGS Canada Inc. (Grande Prairie) Suite C, 12803 - 100 St. Grande Prairie, Alberta T8V 4H3	Michele Kulba Tel: 1-877-532-8889 Fax: (780) 513-0115 michele.kulba@sgs.com	Purity and germination of all crop kinds in Grade Tables I to XX	None	
Precision Seed Testing Box 210 Beaverlodge, Alberta T0H 0C0	Sherry Corvalan Tel: (780) 354-2259 Fax: (780) 354-8955 precisionseed@xplornet.com	Purity: Crop kinds in Grade Tables I to VI, VIII to XI (except orchardgrass), XII to XV. Germination: Crop kinds in Grade Tables I to XI (except orchardgrass) XIII to XV	None	Cereals: Fusarium, Pulses: Ascochyta spp. Canola: Blackleg
Seed Check Technologies Inc. 101, 5906 - 50th Street Leduc, Alberta T9E 0R6	Morgan Webb Tel: (780) 980-8324 Fax: (780) 980-8375 morgan@seedcheck.net	Purity and germination of all crop kinds in Grade Tables I to XX	Barley for True Loose Smut	Fusarium, Blackleg, Alternaria, Sclerotinia, Ascochyta, Anthracnose, Botrytis, Root rot, Dome test, Herbicide tolerance, 1000 Seed weight, Vigour, Tetrazolium, Moisture, Clearfield of Lentil.

*Source: Canadian Food Inspection Agency, October 1, 2021

At Your Service



Dorothy Gerrard

Accredited Seed Technologist

Phone: 204-328-5313

Fax: 204-328-7400

Email: dgerrard@redsper.ca

Box 579, 102 – 2nd Ave
Rivers, MB R0K 1X0

www.redsper.ca

Members of CSAAC and Seeds Canada



• Growers and
processors of
pedigreed seed

• Now colour sorter equipped

Derrick Beischer / Owner

204.564.2676 Plant | 204.773.6398 Cell

dbeischer@hotmail.com



Resistance Testing Services

**Ag-Quest conducts resistance tests to help
producers identify herbicide-resistant
populations in weed seed samples.**

Samples must be received by January 31st.

For more info: 204-776-2087 or www.agquest.com



*Growing & Processing
Pedigreed Seed*

Box 205
Sanford, MB
R0G 2J0

Ph: 204.736.2278

Fax: 204.736.4469

TIM BERGEN

204.793.3752

Email: bergenseeds.tim@gmail.com

IAN JUNKIN

204.390.2256

Email: bergenseeds.ian@gmail.com



• **Growers**
• **Processors**
• **Quality Seed**

Murray Froebe
Shannon Clemis- Sales
Homewood, Manitoba

Phone: (204) 745-6655
www.agassizseedfarm.com

We Know Beans. Soybeans since 1996.



Ian Froese

Boissevain Select Seeds

Cell: (204) 534-0752

Ph.: (204) 534-6846

Email: ian@boissevainselectseeds.ca

Box 957

Boissevain, MB

R0K 0E0



FOR ALL YOUR PEDIGREED SEED NEEDS CONTACT
FRED GREIG

PHONE: 204-877-3813 CELL: 204-522-5528 EMAIL: FGREIG@MYMTS.NET



Adam McKnight

Cell: 204.771.2595

Mitchell O'Brien, CCA - Agronomy Services 204.745.8260

Homewood, Manitoba Office: 204.745.2310



Bud McKnight

Cell 204.745.8707

• Seed Corn • Soybeans and Inoculants • Confection and Oil Sunflowers • Canola •
Alfalfa • Sila-Bac® Forage Inoculants • Winter Wheat • Turf Grass • Hay Blends •
Precision Trailers • Seed Tenders and Belt Conveyors • Portable Grain Moisture Tester



Adam McKnight
Cell: 204.771.2595



Bud McKnight
Cell: 204.745.8707

Mitchell O'Brien, CCA - Agronomy Services Cell: 204.745.8260

Homewood, Manitoba Office: 204.745.2310

Confection Sunflower Hybrids



Pedigree Seed Grower & Processor

P.O. Box 60
Notre-Dame-de-Lourdes, MB
R0G 1M0
durandseeds@gmail.com

Marc Durand

Phone: (204) 248-2268
Fax: (204) 248-2495
Cell: (204) 745-7577



BOX 25, DUFROST, MB
Bus: 204-347-5588
Fax: 204-347-5890
E-mail: info@catellierseeds.com

SCOTT
204-921-0094

RICHARD
204-746-4175

PATRICK
204-746-4546

ROGER
204-746-4642

PEDIGREED SEED GROWER/PROCESSOR



(Situating in the village of Reinland)
Sellers of Pedigreed Seeds Since 1942

- Wheat
- Soybeans
- Oats
- Corn
- Edible Beans
- Forage Seeds

RR1, Box 212, Winkler, MB R6W 4A1
Phone 325-4658 • E-mail: info@ensfarmsltd.com

Visit our website at ensqualityseed.com



Doug Heaman
Virden, MB

204-748-7666
djheaman82@gmail.com

clearviewacresltd.com



- » Pedigreed Cereal, Pulse and Specialty Crops
- » Soybean Seed Sales & Treating (Nocoma R2 & Amirani R2)
- » Buyers Of Off Grade Hemp
- » Industrial Hemp Planting Seed (Canda, CRS-1 & X-59)
- » Grain Roasting/Devitalizing
- » Industrial Hemp Cleaning & Colour Sort
- » Hemp Marketing



FISHER SEEDS LTD.

ROD FISHER | ALLISON FISHER

Dauphin, MB

Phone: 204-622-8800

Fax: 204-622-8809

Email: rod@fisherseeds.com

Email: allison@fisherseeds.com

www.fisherseeds.com

www.fisherseeds.com



CourtSeeds

Quality Cereals, Oilseeds & Specialty Crops
Licensed Treating & Processing Facility
Agronomy Services

Your Supplier of Quality Seed

PO Box 280 Plumas, MB R0J 1P0

204 386-2354 courtseeds@gmail.com courtseeds.ca



FLOYD SEED & OAT PROCESSORS
GROW WITH US

CURRENTLY CONTRACTING
OATS FOR IMMEDIATE OR
FUTURE DELIVERIES



PIONEER

SPECIALIZING IN CANOLA,
BEANS AND CORN

Phone: 204-364-2308

floydoat@mts.net • Arborg, MB



Dauphin Plains Seeds Ltd.

Dauphin, MB

Jim Kaleta - Ph: (204) 638-7800

jdkaleta@mymts.net

1 (204) 638-0215 cell/text

CEREALS, FORAGES, and SOYBEANS
TREATING and INOCULATING services

**plan it
seed it
harvest it**

Seed Manitoba helps you make your most
important cropping decisions

FRASER SEEDS LTD.

Minto, Manitoba Half mile south of Minto on #10 Hwy,
3 miles west, and 1/2 mile north

Email: frasersd@mymts.net

Plant: 204-776-2047

Rick: 204-534-7458 • Jay: 204-534-7722

David James
President

James Farms
For Quality Seed

58-152 James Farm Rd.
Winnipeg, Manitoba
Canada R2C 2Z3
Phone 1.204.222.8785 Toll Free 1.866.283.8785
E-mail djames@jamesfarms.com

CEREALS • OILSEEDS • SOYBEANS • SEED TREATMENT • TURF SEEDS

Friesen
SEEDS

Box 308, Rosenort, MB R0G 1W0
Ph.: (204) 746-8325 Fax: (204) 746-8039

Rick Friesen
rick@friesenseeds.ca

Kevin Rempel
kevin@friesenseeds.ca

www.friesenseeds.ca SELECT SEED GROWERS

• Bulk Seed • Soybeans • Canola • Corn • Seed Treating and
Inoculation • Cleaning Facility • Optical Sorter

jshenry
Seeds

Eric McLean

Email: eric@jshenry.ca

Marnie McLean

Email: marnie@jshenry.ca

204-566-2422

2mi East of Oak River, MB

www.jshenry.ca

George Graham Seed Farms

Growers and Processors of Pedigreed Seed

Foxwarren Manitoba

Ph 204 683-2367 or
cell 204 773-6389

CSI (Canadian Seed Institute) accredited Seed Plant

KEATING
SEED FARMS

MARK KEATING

BOX 820, RUSSELL, MANITOBA
CANADA R0J 1W0

TEL: (204) 773-3854

SMS: (204) 773-6853

EMAIL: KEATINGSEEDS@GMAIL.COM

HORIZON AGRO

Box 59, R.R.1
Morris, Manitoba R0G 1K0

PEDIGREED SEED GROWER / SEED SALES

Buyer, processor and exporter of special crops

PHONE 204.746.2026 FAX 204.746.2343

EMAIL sales@horizonagro.com WEBSITE www.horizonagro.com

SeCan

CANTERRA
SEEDS

Prograin
A world of Sorghum



**plan it
seed it
harvest it**

Seed Manitoba helps you make your most
important cropping decisions

INTEGRITY SEED LAB LTD

Glen Green

Senior Analyst, S.I.R.A., Grader
Vice President of Integrity Seed Lab

g.green@integrityseedlab.com

8040 Park Royal Way
Box 17 Group 210 RR2 R3C 2E6
Phone: 204-774-1882
Fax: 204-774-1881

www.integrityseedlab.com

Trent VanHumbeck
Manager

Tel: 204-447-2916

Fax: 204-447-2937

Cell: 204-647-3314

LAUREX SEEDS LTD.

**PEDIGREED SEED CHEMICAL
SEED TREATING EXPORTS**

Box 55
Laurier, MB. R0J 1A0
E-mail: laurex@goinet.ca



Knight Seeds
Ron Knight
Owner
ron@knightseeds.com

Box 306
Hamiota, MB
Canada
R0M 0T0

204-764-2450 Office
204-764-2527 Fax
204-365-7430 Cell



Nadeau
Seeds Inc

Brian Nadeau • Kara Nadeau

Our seed, your future.

A business built on relationships, service and trust.

204.436.2469 | Box 40 Fannystelle, MB | www.nadeauseeds.ca

MONIQUE JANSSEN
B.Sc. (Agr.) C.C.A.
Cell: 204.299.2162
Email: monique@manness.ca



Domain, MB



NEW GEN
Seed Service Ltd.

New Generation – New Genetics

JEFF ASKIN	RAY ASKIN
Phone: (204) 274-2370	Phone: (204) 274-2417
Cell: (204) 856-3483	Cell: (204) 856-6475
E-mail: jeffaskinaf@gmail.com	E-mail: askinfarmsmb@gmail.com

R.R. #4, Box 9, Portage la Prairie, MB, R1N 3A4
Complete Customer Satisfaction is our Goal!



Matt & Bertha Sawatzky

MB SEEDS Ltd.
Box 217 Lowe Farm, MB R0G 1E0
Phone: (204) 746-2187
Cell: (204) 746-4652
Email: mbseeds@sdnet.ca

Seed Cleaning & Sales / Soybeans / Oilseed / Cereals & Seed Treatment

NICKEL BROS.

Certified Seed & Contract Growers
Wholesale & Retail – Rail Loading
204 773 6734 • 204 842 3757
Solsgirth, MB

Gordon & Kevin
gordonnickel@hotmail.com



Bolles | Starbuck | Wheatland | Brandon | Prosper



PEDIGREED SEED SALES & SERVICES

Steven Chabot Andrea Miller

204.267.2363 – Box 83, Oakville, MB – www.milleragritec.ca

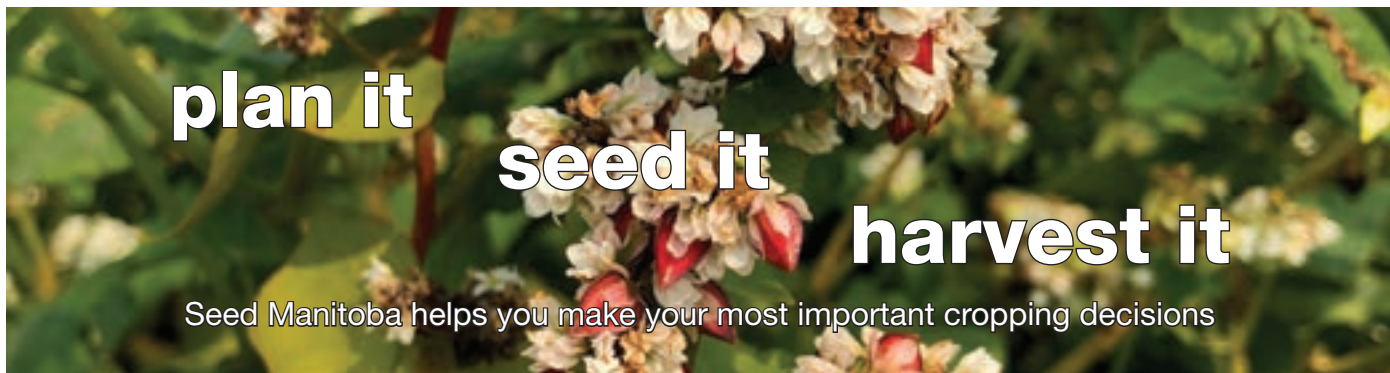


Tom Greaves • Laird Lampertz • Steve Tapley

Domain, MB ROG OMO PH: (204) 736-2849 @Pituraseeds

www.pituraseeds.ca

The Hope of the Harvest Begins with the Seed.



plan it

seed it

harvest it

Seed Manitoba helps you make your most important cropping decisions

Pugh Seeds Ltd.

PEDIGREED SEED GROWERS PROCESSOR

PSL

Plant Office: 204-274-2179
Bill Pugh Cell: 204-871-1467
Vicky Pugh: victy@mymts.net

Box 32 RR 4 • Portage La Prairie, MB R1N 3A4

Seed Depot Corp

4-5 Londesboro Road, Box 208, Pilot Mound, MB R0G 1P0



www.seeddepot.ca

Walt Smith
Director

Ph: 204-825-2000
Fax: 204-825-2758
walt@seeddepot.ca

Working hard to earn your trust!



Contact us at: 102 2nd Ave Rivers, MB R0K 1X0

Ian Dyer (Manager) @ 204.328.5346 or idyer@redsper.ca
Morris Mylrea (Ops. Manager) @ 204.328.5346 or mmylrea@redsper.ca

Redsper is a certified seed retailer and also has the ability to treat
(one of the largest in western MB), store, and clean grain.

Visit our website for more information: www.redsper.ca



SEINE RIVER SEED FARM

PEDIGREED SEED GROWERS
SELLING QUALITY SEED SINCE 1964

BRIAN DUECK

R.R. 1, BOX 6-A
STE. ANNE, MB R5H 1R1
CELL (204) 371-7700
EMAIL: srsfarm@live.com
www.seineriverseedfarm.ca

SeCan

NorthStar

CANTERRA SEEDS

Brett Young

FP Genetics

SOY BEANS CEREALS FORAGES

R-WayAg

Proven, Reliable, Progressive.

- Pedigreed Seed Sales • Processing, Retail • Crop Inputs

Guy Rouire

Cell: 745-8425

Guy Labossiere

Cell: 750-2292

www.rwayag.com

Toll Free # 866-398-9643

Box 388, St. Claude, MB R0G 1Z0

SIERENS SEED SERVICE

SEED GROWERS, PROCESSORS, RETAILERS
& CROP PROTECTION PRODUCTS

Call: Joe or Chris Somerset, MB • Phone: 204-744-2883
sierensseedservice.com



**YOUR PROFESSIONAL
SEED PARTNER**

**ROB PARK
SHERRY WOODS**

Office 204-745-3304

CARMAN, MB



SISSONS FARMS

EST 1871

Pedigreed Seed Growers, Processors, Seed Sales

Portage la Prairie, MB

Blye Sissons:

1-204-856-9908

sissons farms@gmail.com

Wheat & Pinto Beans



SANDERS SEED FARM

PEDIGREED GROWERS & PROCESSORS

Daniel Sanders
204-242-4200

Dylan Sanders
204-242-4331

Box 700
Manitou, MB



Unger Seed Farm Ltd.

GROWER / PROCESSOR / CERTIFIED SEED
FORAGE SEEDS / FRIESEN HOPPER BINS

Ron Unger

CELL: (204) 461-0051

Darcy Unger

CELL: (204) 794-6446

PHONE: (204) 467-8630 FAX: (204) 467-9560

E-MAIL: ungerseed@mts.net

BOX 471, STONEWALL, MANITOBA R0C 2Z0



Box 144, Medora, MB
R0M 1K0

- Grain buyers (cereals, oilseeds & pulse crops)
- Crop inputs (fertilizer, farm chemicals, etc.)
- Seed and special crop processing

Call Bob Vandaele today!

204.665.2384

Ph:204-825-4543

wallacej.seeds@gmail.com

WALLACE SEEDS

SeCan

CANTERRA SEEDS

JOE WALLACE
RR#3 Pilot Mound, MB
R0G 1P0

Growing-Processing-Wholesale-Retail

plan it seed it harvest it

Seed Manitoba helps you make your most important cropping decisions



**CEREALS • FORAGE • CANOLA
SOYBEANS • SEED TREATING**

WHEAT CITY SEEDS LTD

Allan Martin or Jacobus Ellis
Phone: (204) 727-3337 Fax: (204) 729-0494
wheatcityseeds@gmail.com
Box 74, Site 30, RR 2 . Brandon, Manitoba . R7A 5Y2



Oakbank, MB

Seed Growers, Processors, Seed Sales

Cereals - Forage -
Canola - Soybeans -
Corn

Daniel Wyrich

CELL: (204) 801-0659
EMAIL: uwyrich@gmail.com



ADVERTISER INDEX

.....	page
20/20 Seed Lab	119
Ag Growth International	4
Agassiz Seed Farm	82
Alliance Seed Corp.	20
Armstrong Seeds	48
BASF	62/63,65
Bayer CropScience	15,52,85,121
BKT Tires	60
Brett-Young Seeds Ltd.	18
Business Card Directory	125
Can-Seed Equipment Ltd.	70
Canola Council of Canada	123
Corteva	2,13,106
D Murray Farms Inc.	47
Delmar Commodities	72/73,79
Discovery Seed Lab	119
FP Genetics	27
Fraser Seeds	41
Friesen Seed Limited	46
Heads Up Plant Protectants Inc.	96
Jefferies Seeds	44
Knight Seeds	44
LD Seeds.....	48
Maizex Seeds Inc.	104
Manitoba Agricultural Services	93
Manitoba Pulse & Soybean Growers	88
Manitoba Seed Growers Association	55
Meridian Manufacturing Inc.	23,31
Merit Functional Foods Corporation	95
Nadeau Seeds Inc.	120
Nexus Ag	76
North Star Genetics	71,116
Nutrien Ag Solutions	25,77,99
Pickseed Canada Inc.	114
Pitura Seed Service	75
Pride Seeds	105,115
Roquette Canada Ltd.	92
Rutherford Farms Ltd.	81
SeCan.....	9,10,30,37,132
Seed Depot	21,29,45,47,49,129,131
Seed Master/Straw Track	61
SeedNet Inc.	103
Semences Prograin Inc.	67
SGS Canada Inc.	120
Syngenta Seeds Canada	7
Walker's Seed Service	118
Westland Insurance Group Ltd.	118
XiteBio Technologies Inc.	83



Bolles "High Protein with Bushels!"



Agassiz Seed Farm Ltd.	204-745-6655
Beischer Family Seeds	204-564-2676
Boissevain Select Seeds	204-534-3222
Clearview Acres Ltd.	204-748-2666
Crow Lake Farm Ltd.	306-842-6216
Court Seeds	204-386-2354
Fisher Seeds Ltd.	204-622-8800
Friesen Seeds Ltd.	204-746-8325
Hulme Agra Products	204-685-2627
Jeffries Seed Service	204-827-2102
J.S. Henry & Son Ltd.	204-566-2422

Keating Seed Farms	204-773-3854
MB Seeds Ltd.	204-746-4652
MGM Seed & Service	204-362-8986
Nickel Bros	204-773-6734
Pugh Seeds Ltd.	204-274-2179
Swan Valley Seeds	204-734-2526
Triple "S" Seed Ltd.	204-546-2590
Webster Seed Farm	306-645-4386
Willis Agro Ltd.	204-461-0386
Willowdale Seeds	204-461-0386
Wyrich Seeds	204-801-0659



Walter Smith 204-825-7810
David Schroeder 204-245-0968



Wheat: Faller / Brandon / Wheatland / Starbuck / Bolles / Cardale / Prosper

Oats: Souris / Summit

Barley: Conlon (sold out)

Flax: CDC Glas

Peas: Chrome (limited supply) / Lewochko



SeCan

Canada's Seed Partner

NEW AAC STARBUCK VB

CWRS WHEAT

Yield that's out of this world.

- ✓ short strong straw
- ✓ MR for FHB
- ✓ midge tolerant
- ✓ consistently consistent



Genes that fit *your* farm.[®]
800-665-7333 secan.com



Developed by Agriculture & Agri-Food Canada, Swift Current.
Genes that fit *your* farm[®] is a registered trademark of SeCan.