

yield

2015

M A N I T O B A

YIELD MANITOBA / 2015

WWW.MMPP.COM

Manitoba's 2014 crop yields / 8

Experience – Does it count? / 14

Soybean maturity: it's complicated / 18

Stopping pests at the gate / 22

Climate maps & statistics / 24

MASC Management Plus yield data / 30

Compliments of
Manitoba Agricultural Services Corporation
Manitoba Agriculture, Food & Rural Development
and Manitoba Co-operator

Great Yield runs in the family.

Get the Genuity Roundup Ready® Canola Advantage

genuity

ROUNDUP READY®
CANOLA

✓ *Get the advantage:*

- Yield
- Superior weed control
- Ease and convenience

Great yield, on the double.

genuity

VT DOUBLE PRO® CORN

RIB COMPLETE®

✓ *For greater convenience, insect protection, and yield potential.*

- **5% Refuge** right in the bag. Just pour and plant.
- **Two modes of action** against corn earworm and European corn borer, above ground. Be sure to scout for them.
- **Higher yield potential** thanks to effective insect control and reduced refuge.

Genuity®. Because every kernel matters.

More beans per pod,
more bushels per acre.

genuity

**ROUNDUP READY 2 YIELD®
SOYBEANS**

✓ *More profit for you, thanks
to game-changing soybean
technology:*

- **Next-generation** Roundup Ready® trait technology for improved yield potential.
- **Increased yield potential** over original Roundup Ready soybeans.
- **Safe, simple, dependable** weed control

Genuity®. Because every bean matters.

Genuity®. Everything you want, and more.

genuity

GENUITYTRAITS.CA





Growing Confidence



EMPOWERING
YOUR PERFORMANCE

As a farmer, you have a lot of decisions to make. The DEKALB® brand team is here to empower you with expert advice, agronomic insight and local data. With every important decision you face on your farm, we're behind you. And we're ready to help you turn great seed potential into actual in-field performance. DEKALB canola... Empowering Your Performance.

Talk to your DEKALB dealer today, or visit DEKALB.ca



ALWAYS FOLLOW GRAIN MARKETING AND ALL OTHER STEWARDSHIP AND PESTICIDE LABEL DIRECTIONS.
Details of these requirements can be found in the Trait Stewardship Responsibilities Notice to Farmers
printed in this publication ©2014 Monsanto Canada, Inc.



22



24



18

contents

YIELD MANITOBA / 2015

A PLANNING TOOL FOR MANITOBA FARMERS

Yield Manitoba continues to help Manitoba producers	7
Manitoba's 2014 crop yields are down from 2013	8
Experience — Does it count for anything?	14
Soybean maturity: it's complicated	18
Stopping pests at the gate	22
A year of highly variable weather across the province	24
MASC Risk Area Map	30

Variety Yield Tables	
Manitoba	31
• Risk Area 1	38
• Risk Area 2	40
• Risk Area 3	41
• Risk Area 4	42
• Risk Area 5	44
• Risk Area 6	46
• Risk Area 7	47
• Risk Area 8	48
• Risk Area 9	48
• Risk Area 10	50
• Risk Area 11	52
• Risk Area 12	54
• Risk Area 14	58
• Risk Area 15	60
• Risk Area 16	61

Agroclimatic Maps	
Percent of Normal Accumulated Precipitation	26
Total Accumulation of Precipitation	26
Percent of Normal Accumulated Corn Heat Units	27
Total Accumulation of Corn Heat Units	27
Percent of Normal Accumulated Growing Degree Days	28
Total Accumulation of Growing Degree Days	28

Yield Manitoba is an annual publication of Manitoba Agricultural Services Corporation

Correspondence may be addressed to:
400 - 50 24th St. NW, Portage la Prairie, MB R1N 3V9
Doug Wilcox, Ph.D., P.Ag.
Manager, Program Development – Insurance
Phone: 204-239-3269 Fax: 204-239-3401
dwilcox@masc.mb.ca
www.masc.mb.ca www.mmpp.com

Published by
Farm Business Communications
1666 Dublin Avenue
Winnipeg, MB R3H 0H1
Phone: 204-944-5765
Fax: 204-944-5562
news@fbcpublishing.com
www.agcanada.com

National Sales:
James Shaw
JSA Communications
Phone: 416-231-1812
Fax: 416-233-4858
jamesshaw@rogers.com

Cover photo from Thinkstock.com
Supplement to the Manitoba Co-operator, February 19, 2015

What's better than maximizing yield potential and quality? (A really nice place to brag about it.)

Win a Snap-on® makeover
for your shop courtesy
of two great fungicides.



Twinline® **Caramba®**
Fungicide Fungicide

Nothing maximizes yield potential and overall cereal quality like using Twinline® and Caramba® fungicides. And as if getting the most out of your crop wasn't enough of an incentive, here are two more. Watch the online video by March 31, 2015 and you'll receive an incentive item of your choice. Then if you purchase¹ 640 acres of Twinline and/or Caramba in 2015, you'll be entered to win a Snap-on® shop makeover valued at \$100,000. View the video now and enter PIN SHOP37 at agsolutions.ca/cereals/shopmakeover

 **BASF**
We create chemistry

¹ No purchase necessary. Open only to age of majority Canadian growers who: (i) reside in AB, MB, SK, or the Peace Region of BC; (ii) are the owner, operator or designated representative of a farm; and (iii) are legally permitted to accept a promotional prize from BASF. Enter online and read full rules (including complete prize/reward descriptions, entry requirements and details on how to enter without purchase) at www.agsolutions.ca/cereals/shopmakeover. Offer begins Jan 2/15 (12:00 AM ET) and ends Apr 30/15 (11:59 PM ET). Contest begins Jan 2/15 (12:00 AM ET) and ends Sept 30/15 (11:59 PM ET). Each eligible entrant will earn one (1) reward (ARV: \$15 CAD) and have the opportunity to earn one (1) entry for the chance to win a Snap-on shop makeover worth a maximum of \$100,000 CAD (inclusive of all fees and taxes). Odds of winning the Snap-on shop makeover depend on the number of eligible entries. Skill-testing question required.

Always read and follow label directions.

AgSolutions is a registered trade-mark of BASF Corporation; CARAMBA is a registered trade-mark of BASF Agro B.V.; AgCelence, and TWINLINE are registered trade-marks of BASF SE; all used with permission by BASF Canada Inc. Snap-on is a registered trade-mark of Snap-on Incorporated. TWINLINE and CARAMBA fungicides should be used in a preventative disease control program. © 2015 BASF Canada Inc.

Yield Manitoba

continues to help Manitoba producers

We are grateful to be able to provide you with the 16th edition of *Yield Manitoba*. The first edition started in 2000 and it has been published every year since. It is a joint publication brought to you by Manitoba Agricultural Services Corporation (MASC) and the *Manitoba Co-operator*.

The variety yield information listed in the *Yield Manitoba* tables are a compilation of the actual on-farm yields reported to the Manitoba Agricultural Services Corporation (MASC) by producers from their respective risk areas. In order for variety information to be listed in the table the variety must have a variety name and been sown by at least three producers on a minimum of 500 acres. This ensures that the sample size is reasonable and protects the confidentiality of individual producer information.

MASC has many yields it tracks for administrative purposes (e.g. gross, net, grade adjusted, etc.) and users of *Yield Manitoba* need to know what yield is being reported in the variety comparison tables. The *Yield Manitoba* yields are “net yields” derived by adjusting the gross yields reported by producers on their MASC Harvested Production Reports (HPR) by the moisture, dockage and test weight, also reported on the HPR. Additionally, when there are measured yields from MASC appraisals or claims those yields will override reported net yields for *Yield Manitoba* purposes. Destroyed acres with no appraisal are reported with a yield of zero. Alternate-use acres with no appraisals are not reported. None of the yields in *Yield Manitoba* are adjusted for grades.

Please note that management and environmental influences have not been standardized in the *Yield Manitoba* variety yield tables so caution should be exercised when doing cross-variety comparisons, particularly when there are limited acres or years of information. Cross-variety comparisons are most meaningful between varieties grown on large acreage over many years. Additionally, to make the best variety selection for your farm it is recommended that you use the information in *Yield Manitoba* in combination with other information sources such as *Seed Manitoba*.

This information is meant to be used as a planning tool in conjunction with common sense and experience. If unsure, contact your local Manitoba Agriculture, Food and Rural Development (MAFRD) representative for assistance in utilizing this information.

Additional MASC variety information analysis can be conducted on the Internet using MASC’s Manitoba Management Plus Program (MMPP) “Variety Yield Data Browser.” This public online query tool lets you look at variety information to a finer scale (rural municipality) and for more years (back to 1993). The MMPP Variety Yield Data Browser is available at www.mmpp.com/mmpp.nsf/mmpp_browser_variety.html. In addition the MMPP website has other management information useful for benchmarking, marketing assessment and improved farm management decision-making.

We hope that you find this publication useful, perhaps even enjoyable. If you would like more information on this publication, or the data included, please contact MASC at mmpp@masc.mb.ca.



Excess moisture and flooding prevented farmers from seeding almost one million acres — a loss not captured in the average yields of the crops that were planted and harvested

Manitoba's 2014 crop yields are down from 2013 but mostly still above average

by Allan Dawson, *Manitoba Co-operator* staff

Many Manitoba farmers will remember 2014 as a tough year, yet with the exception of winter wheat, most crops still yielded above average.

Almost a million acres were too wet to seed and thousands more of crop, forage and pasture were damaged by too much rain and flooding.

Not surprisingly, none of the major crops broke any provincial average yield records, according to data from the Manitoba Agricultural Services Corporation's Management Plus program, some of which are included in this issue. The data is also searchable online at www.mmpp.com.

The growing season started off cool and wet, but by the end most regions received close to normal heat units, Manitoba Agriculture, Food and Rural Development (MAFRD) weather data shows.

While much of eastern and central Manitoba received close to normal precipitation, parts of the Interlake, southwest and northwest were hammered with up to 68 per cent more rainfall than normal. Parts of the southwest and areas along the Assiniboine River were flooded from a downpour of over six inches.

The fact that most Manitoba crops yielded above average is good news given what farmers faced, but averages can be misleading. They don't include the zero bushels per acre on unseeded land, masking the impact on farmers who reaped lower yields due to bad weather.

The 2014 results came after the bumper year in 2013, with record yields in all major crops except canola, which tied the 2009 record.

Continued on page 10

Table 1: 2014 YIELDS OF SELECTED MANITOBA CROPS

Crop	2014 Yield bushels/acre	2013 yield	% change	10- year average	% change	New Record in 2014?	Old Record Yield	Year
Red Spring Wheat	50	61	-18	46	+9	No	61	2013
Winter Wheat	53	68	-21	65	-19	No	71	2008
Feed Wheat	72	78	-7	56	+28	No	778	2013
Argentine Canola	37	43	-14	34	+10	No	43	2009/2013
Oats	89	107	-17	87	+3	No	107	2013
Barley	61	83	-26	62	+2	No	83	2013
Flax	22	28	-22	22	+7	No	28	2013
Grain Corn	115	133	-13	99	+16	No	133	2013
Soybeans	34	39	-12	29	+17	No	39	2013
White Pea Beans lbs/a	1,551	2,214	-30	1,471	+6	No	2,214	2013
Non-Oil Sunflowers lbs/a	1,783	1,891	-6	1,329	+34	No	2,370	2012

Source: Manitoba Agricultural Services Corporation based on 99.9 per cent of 2014 data entered and necessary calculations

We know it because we grow it.



**We're independent seed producers.
We grow Certified seed. We process it.
And we offer you the best value in RR2Y soybeans.**

Knowing we're just down the road means you can have confidence in the genes that fit *your* farm. We know it because we grow it.

Bishop R2	2350 HU	Gray R2	2450 HU
NEW Hero R2	2375 HU	Chadburn R2	2475 HU
NEW McLeod R2	2375 HU	Currie R2	2500 HU



www.secan.com

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

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Always follow grain marketing and IRM requirements. Details of these requirements can be found in the Trait Stewardship Responsibilities Notice to Farmers printed in this publication.

Genes that fit *your* farm.®

TABLE 2: SUMMARY OF BEST AND WORST 2014 YIELDS FOR SELECTED MANITOBA CROPS

Crop	Yield 2014 bushels per acre	Rural Municipality	2014 Manitoba average yield	2014 Manitoba acres	2013 Manitoba acres	10-year average acres	Variety	Acres
RED SPRING WHEAT			50	2.09 million	2.6 million	2.2 million		
Highest yield by RM	69	Roland						
Lowest yield by RM	18	West St. Paul						
Highest average yield by variety in an RM	78	Roland					Cardale	6,075
Highest average yield by variety province wide	65						AAC Brandon	1,496
WINTER WHEAT			53	245,474	416,793	318,498		
Highest yield by RM	73	Tache						
Lowest yield by RM	11	Brenda						
Highest average yield by variety in an RM	76	Grey/ Lac Du Bonnett					CDC Falcon/ Flourish	1,237/ 1,771
Highest average yield by variety province wide	59						CDC Falcon/ Emerson	73,564/ 1,563
FEED WHEAT			72	272,605	133,983	49,264		
Highest yield by RM	89	Louise						
Lowest yield by RM	30	Pipestone						
Highest average yield by variety in an RM	93	Montcalm					Prosper	1,587
Highest average yield by variety province wide	83						Prosper	22,144
ARGENTINE CANOLA			37	2.9 million	3.1 million	2.8 million		
Highest yield by RM	50	Dufferin						
Lowest yield by RM	10	Grahamdale						
Highest average yield by variety in an RM	60	Stanley					Invigor L140P	523
Highest average yield by variety province wide	45						Invigor Health (LT)	2,036
OATS			89	323,323	354,048	554,691		
Highest yield by RM	139	Montcalm						
Lowest yield by RM	23	Dauphin						
Highest average yield by variety in an RM	154	Montcalm					Ronald	2,105
Highest average yield by variety province wide	105						Summit	63,269
BARLEY			61	304,026	445,354	563,291		
Highest yield by RM	100	Macdonald						
Lowest yield by RM	8	Ochre River						
Highest average yield by variety in an RM	111	Macdonald					CDC Austenson	540
Highest average yield by variety province wide	87						Xena	2,256
FLAX			22	74,950	74,736	208,331		
Highest yield by RM	42	Roland						
Lowest yield by RM	13	Arthur						
Highest average yield by variety in an RM	43	Roland					CDC Glas	713
Highest average yield by variety province wide	30						CDC Glas	3,806
CORN			115	236,164	327,351	182,158		
Highest yield by RM	136	Macdonald						
Lowest yield by RM	46	Whitehead						
Highest average yield by variety in an RM	144	Montcalm					Pioneer P7632HR	1,128
Highest average yield by variety province wide	133						Pioneer 39V07	11,220
SOYBEANS			34	1.28 million	1.01 million	44,243		
Highest yield by RM	40	Hanover/ Montcalm						
Lowest yield by RM	12	Grahamdale						
Highest average yield by variety in an RM	48	Montcalm/ Richot					LS005R22/ NSC Niverville	679/ 694
Highest yield by variety province wide	42						Pioneer P008T7OR	4,013
WHITE PEA BEANS	lbs/acre		1,551	49,448	27,514	57,467		
Highest yield by RM	2,314	Stanley						
Lowest yield by RM	975	North Norfolk						
Highest average yield by variety in an RM	2,246	Victoria					T9905	946
Highest yield by variety province wide	1,944						T9905	16,710
NON-OIL SUNFLOWERS	lbs/acre		1,783	57,277	40,975	96,564		
Highest yield by RM	2,583	North Cypress						
Lowest yield by RM	924	Brenda						
Highest average yield by variety in an RM	2,383	Morris					Seeds2000 6950	1,128
Highest average yield by variety province wide	2,101						Seeds2000 Panther	10,166
Source: Manitoba Agricultural Services Corporation based on 99.9 per cent of 2014 data entered and necessary calculations								

ALL OF OUR SEED IS FIELD-TESTED. JUST LIKE OUR REPS.



P7632HR NEW **2200 heat units**

- High yielding Pioneer® brand corn with very good drought tolerance
- Stands well for ease of harvest

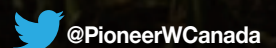


Your Pioneer Hi-Bred sales representative is out there every day, working the same ground you are. Which gives them the unique expertise needed to recommend the right seed for your acres. They know your weather, your soil conditions and your challenges because they've faced them too. It's this type of deep knowledge that makes the DuPont Pioneer team both industry leaders and trusted local advisors. Talk to your local Pioneer Hi-Bred sales representative or visit pioneer.com for more information.

Our experts are grown locally

Always follow grain marketing, stewardship practices and pesticide label directions. Roundup Ready® crops contain genes that confer tolerance to glyphosate, the active ingredient in Roundup® brand agricultural herbicides. Roundup® brand agricultural herbicides will kill crops that are not tolerant to glyphosate. Roundup®, Roundup Ready® and Roundup Ready 2 Yield® are registered trademarks of Monsanto Technology LLC used under license. Liberty®, LibertyLink® and the Water Droplet Design are trademarks of Bayer. Herculex® I insect protection technology by Dow AgroSciences and Pioneer Hi-Bred. Herculex® and the HX logo are trademarks of Dow AgroSciences LLC. Pioneer® brand products are provided subject to the terms and conditions of purchase which are part of the labeling and purchase documents. The DuPont Oval Logo is a registered trademark of DuPont.

®, TM, SM Trademarks and service marks licensed to Pioneer Hi-Bred Limited. © 2015, PHL.



Red spring wheat

Manitoba's red spring wheat averaged 50 bushels an acre in 2014, down 18 per cent from the 2013 record of 61, but above the 10-year average of 48.

(Figures are based on 99.9 per cent of farmers' crop insurance production reports entered into the database at the time of writing. Online Management Plus figures could differ slightly.)

The Rural Municipality of Roland, in the western part of the Red River Valley, had the highest average red spring wheat yield at 69 bushels on 20,418 acres.

The lowest yield, 18, was in the RM of West St. Paul, north of Winnipeg, but that was on just 1,356 acres. Average yields based on a small number of acres are not necessarily representative.

The highest-yielding red spring variety in any municipality was Cardale at 78 bushels an acre in the RM of Roland. However, it was based on just 6,075 acres.

"We were hearing coffee shop talk of 80-bushel yields and I guess they were true," said Pam de Rocquigny, MAFRD's cereal specialist in Carman.

The highest-averaging red spring wheat variety province-wide was ACC Brandon at 66 bushels from 1,496 acres.

Surprisingly, red spring wheat yields in some of the wettest areas of Manitoba, including in the southwest, weren't as bad as might have been expected, averaging 44 bushels an acre in the RM of Brenda (Waskada area). In nearby Arthur (Melita area) and Glenwood (Souris area) red spring wheat averaged 42 and 46 bushels an acre, respectively.

"I think with the red spring wheat that did get planted (in the southwest) was probably planted on good, dry ground so it had the potential so long as it got the rains at the right time and it dried up good," said Lionel Kaskiw, an MAFRD farm production adviser in Souris. "I think once we got past a certain date everyone just switched over to canola for several reasons. Coverage is probably better with canola and you can broadcast seed it."

Kaskiw's suspicion that wheat plantings declined proportionately more than canola in wet municipalities in 2014 are borne out by Management Plus data. In the RM of Pipestone (Reston area) red spring wheat acres fell 74 per cent to 15,130, while canola plantings dropped 59 per cent to 21,022.

The difference was even more dramatic in the RM of Brenda. Wheat acres fell 32 per cent to 36,314, while canola plantings dropped nine per cent to 45,165.

Red spring wheat yields weren't as good in all the wet municipalities. For example, in the RM of Ochre River, northeast of Riding Mountain National Park, wheat averaged 29 bushels an acre.

And while the RMs of Arthur and Brenda averaged 40-plus bushels an acre on red spring wheat, Arthur recorded the lowest average provincial flax yield at 13 bushels an acre and Brenda had the lowest average yield for winter wheat and non-oil sunflowers at 11 bushels and 925 pounds an acre, respectively.

Other wheats

Winter wheat did poorly across Manitoba averaging 53 bushels an acre — down 21 per cent from 2013 and 19 per cent lower than the 10-year average of 65. MAFRD's de Rocquigny suspects a cold snap last April damaged the crop.

The wet, cool spring didn't help either. The winter wheat that survived didn't grow very quickly at first, delaying maturity making it more vulnerable to fusarium head blight at flowering time.

"Fusarium definitely had an impact on the yield potential, not just the quality," she said.

Fortunately, red spring wheat wasn't as hard hit by the fungal disease. That's probably because it flowered a bit later and the weather conditions then weren't as good for the disease. Red spring wheat varieties are also more fusarium tolerant than winter wheats, de Rocquigny said.

Feed wheat fared better than winter wheat in 2014, averaging an amazing 72 bushels an acre province-wide — 28 per cent higher than the 10-year average. But historical comparisons are misleading given how the category has changed in the last few years, de Rocquigny said. It's now dominated by two spring wheats — Pasteur, a Canada Western General Purpose (CWGP) wheat and Fallor, an unregistered American Dark Northern Spring wheat grown under identity-preserved contracts.

"New varieties in cereal crops are changing our long-term average faster than is happening with canola," Kaskiw said.

"We had the canola (yield) surge three or four years ago when it took us from that low 30s (bushels an acre) to the mid-30s to 40s range."

It has taken farmers a couple of years to learn how to grow higher-yielding varieties, he added.

"Now we are putting on the extra fertilizer and doing the fungicide treatments that are required to get those extra yields and it's working," Kaskiw said.

Grain corn

Corn needs heat to mature and yield. A slow start in spring didn't bode well. A lot of corn didn't get planted until mid-May and in some areas frost threatened by early September, de Rocquigny said. And yet Manitoba's corn averaged 115 bushels an acre. While that's down from 2013's record 133, it's 16 per cent higher than the 10-year average of 99.

"That was the one yield that surprised me the most," de Rocquigny said. "I was guessing maybe 105. When I saw 115 I was surprised. I think it was higher than a lot of corn producers expected too."

The RM of Macdonald (Brunkild area) scored the highest average yield at 136 bushels an acre. While the municipality is in the heart of the Red River Valley, it's just a little north and east of the traditional core corn-growing areas where soils are sandier. Macdonald generally has heavier clay soils once thought not to be ideal for corn production.

The RM of Whitehead, west of Brandon, had the lowest average corn yield at 46 bushels an acre.

The highest-averaging corn yield by variety in a municipality was Pioneer P7632HR in the RM of Montcalm, but on only 1,128 acres.

Pioneer 39V07 had the highest average yield province-wide at 133 bushels an acre based on 11,220 acres.

Soybeans

2014 was a good year for soybeans in Manitoba too, which across 1.3 million acres averaged 34 bushels an acre. While that's down 12 per cent from 2013's 39-bushel-an-acre record, it's 17 per cent better than the 10-year average of 29.

"It's generally what we expected — less than last year and closer to the year before," said Dennis Lange, MAFRD's

farm production adviser in Altona. "It's still pretty respectable. Anything over 30 is a good place to be for soybeans."

According to Lange's calculations the core soybean-growing area located east of the line going north-south from the RM of Stanley (Morden area) to Portage la Prairie averaged 34 bushels an acre, while the rest of the province averaged 32.

Soybeans have a reputation for tolerating wet conditions better than many other crops and the southwest saw that in 2014, Kaskiw said.

"They did well," he said. "I was at a producer's place yesterday and he said, 'I really have a hard time figuring out why we're still growing canola.'"

In the wet municipalities of Arthur and Brenda soybeans averaged 38 and 29 bushels an acre, respectively. That was higher than the provincial average and above the yields recorded in traditional soybean municipalities such as Dufferin, Grey and Macdonald where soybeans average 37, 32 and 35 bushels an acre, respectively. However, those latter averages were based on acreages of 54,471, 44,33 and 78,599, respectively. There were only 4,200 and 9,700 acres of soybeans in Arthur and Brenda, respectively.

Kaskiw expects farmers in southwestern Manitoba will increase soybean plantings in 2015.

"Basically I can see the same thing happening this year as happened last year — the acres will reflect how much seed we have," he said. "If we run out of seed we'll run out of acres probably."

Lange predicts Manitoba farmers will plant 1.5 million acres of soybeans this spring.

Canola

It was a relatively good year for canola, said Anastasia Kubinec, MAFRD's oilseed specialist in Carman. Yields province-wide averaged 37 bushels an acre — down 14 per cent from 2013's record 43, but 10 per cent above the 10-year average of 34.

The highest and lowest average yields were in the RMs of Dufferin (Carman area) and Grahamdale (Moosehorn area) at 50 and 10 bushels an acre, respectively.

The highest-yielding variety in a municipality was Invigor L140 P, which averaged 60 bushels on 523 acres in the RM of Stanley.

The highest-yielding variety province-wide was Invigor Health, at 45 bushels based on 2,026 acres.

The most planted canola — Invigor L130 seeded on almost 431,000 or 25 per cent of Manitoba's canola acres — yielded an average of 38 bushels an acre.

The weather co-operated for the most part, excluding the areas that were too wet, Kubinec said.

Canola yields were also better than one might expect in some of the wetter areas, although again, averages don't account for the lack of yield on unseeded acres.

Canola averaged 31, 32, 33 and 29 bushels an acre in the RMs of Arthur, Brenda, Glenwood and Pipestone — a decline of 20 to 27 per cent from 2013, but not far off the provincial 10-year average.

Although disappointing to growers, those yields seem all the more impressive given many canola crops were broadcast seeded late in the spring and some were swathed prematurely to avoid frost damage, probably resulting in some green kernels shrinking and going out the combine and not into the hopper.

allan@fbcpublishing.com

WEED FREE PROMISE*

Since 1923, Ellis Seeds has been the most trusted and experienced grower of certified seed.



www.elliseseeds.com

 **ELLIS SEEDS**

Toll-Free: 1-800-463-9209

For any seed purchased and cleaned from Ellis Seeds: If, in our Official Grading Report from our Official Retained Sample, we find one weed seed, even though it makes the Certified #1 standard, we will re-clean the entire lot for you at no charge. If the offending weed seed is inseparable, we will disclose any weed seeds present at the time of purchase.

Experience — Does it count for anything?

by Doug Wilcox, MASC

We live in a world where vision and youth are often valued more than experience, and this is the case even in agriculture. It doesn't help that the nature of crop production is such that most experienced producers can relate to the joke, "He has 30 years of farming experience — one year of experience 30 times over." So does experience really count for anything?

The experience trap

New producers of a crop may be as knowledgeable, or even more knowledgeable, than experienced producers in the most recent aspects of a crop's production. However, when problems occur, experienced producers will likely know better what it takes to adapt and are less likely to get "rattled," leading to better production decisions. This insight from experience should in turn result in better outcomes for experienced growers.

However, experience can also become a trap, entered when experienced producers constrain themselves either by assuming that history will always repeat itself or by becoming complacent and assuming that they already know it all. As the quote goes "experience without good judgment is worthless; good judgment without experience is still good judgment!" If a producer avoids these experience traps, the improved insight that comes from experience, combined with good judgment, should amount to something.

Manitoba producers have likely fallen prey to experience traps in the past. I remember when dry edible bean acreage started expanding in the early 1990s. The comment from some longtime producers then was that "the new guys are dragging down the provincial yields," and that "crop insurance should do something about that." Some producers suggested that crop insurance should limit coverage to experienced dry edible bean growers only.

However, when crop insurance compared yields, it was determined that the new producers were obtaining yields that matched or exceeded those by experienced growers. The reason for this wasn't specifically determined, but one reasonable hypothesis was that new producers, being new, "paid more attention" to the bean crop management, compared to the more "fast and loose" experienced

producers. Experience can sometimes cause complacency and this was likely the case with dry edible bean growers in the early 1990s.

New versus old soybean growers

Over the last 17 years, soybean acreage has expanded a hundredfold in Manitoba. In 1998 crop insurance covered 12,000 acres of soybeans and it has steadily increased since then, with over 1.2 million acres of soybeans insured in 2014. The steadily increasing numbers of soybean producers provides an opportunity to answer the question, "Do new soybean producers produce as well as experienced producers?" and if not, to quantify the value of experience.

To obtain answers, I used Manitoba Agricultural Services Corporation (MASC) data to compare yields of less-experienced producers relative to experienced producers for three study years: 2002, 2007 and 2012. If producers grew the crop in the study year (but not in any of the previous five years) they were classified for the purposes of this study as inexperienced growers (NEW). In contrast, if they grew the crop in one or more of the previous five years, they were considered experienced growers (EXP).

To minimize the potential for separation of experience level by region, the data was also analyzed by risk area, comparing only NEW and EXP producers within the same risk areas. A minimum of three producers was required to use a data point in any comparisons. In addition, for comparison purposes, I completed a similar analysis on Argentine canola and grain corn producers.

Experience in the field

At the provincial level, it appears that for the three years studied (2002, 2007 and 2012) on average five per cent of canola producers would be considered inexperienced. For the other two smaller-acreage more-specialized crops (grain corn and soybeans) the percentages of inexperienced growers were higher, and varied significantly by year. For grain corn and soybeans the inexperienced growers in 2012 were 11 per cent and 13 per cent of all producers, respectively; in 2007, seven per cent and six per cent of all producers, respectively; and in 2002,

Continued on page 16

A SCIENTIFIC BREAKTHROUGH IN EVERY SEED

When it comes to trait technology, you're looking for leadership and innovation. Hyland™ Seeds is powered by Dow AgroSciences outstanding research and development. Balance that with exemplary customer service and you have a combination of performance and profitability that is pure genius.



Dow AgroSciences

Farming Forward.
hylandseeds.com



17 per cent and 54 per cent of all producers, respectively (Table 1). These results are not unexpected as grain corn acreages can fluctuate widely from year to year and soybean was still a relatively new crop in 2002 but is now widely grown.

Table 1. Percentage of all Manitoba Argentine canola, grain corn and soybean producers that were classified as NEW in 2002, 2007 and 2012

Percent of Manitoba Producers That Are Classified As Inexperienced (NEW)			
Year	Argentine Canola	Grain Corn	Soybeans
2002	5%	17%	54%
2007	4%	7%	6%
2012	7%	13%	11%
Average	5%	12%	24%

At the provincial level, it was observed that for the three years studied (2002, 2007 and 2012) the NEW producers yielded 97 per cent, 93 per cent and 87 per cent of EXP producers for canola, grain corn and soybeans respectively (Table 2). Although not measured statistically, the lower-than-average yields for canola (97 per cent) may not be very significant, but is likely that the 93 per cent for grain corn and 87 per cent for soybeans are. The observation that NEW growers of grain corn and soybeans do not produce as well as EXP growers is not unexpected, as these crops are considered special crops for a reason. Successful production of grain corn and soybeans can require more specialized knowledge, skill and competence than for canola production, and experienced producers should have these.

Table 2. Relative average yields (percent of EXP) of all Manitoba Argentine canola, grain corn and soybean insureds that were classified as NEW in 2002, 2007 and 2012

Average Relative Yield of Manitoba Producers That Were Classified As Inexperienced			
Year	Argentine Canola	Grain Corn	Soybeans
2002	95%	96%	94%
2007	98%	90%	82%
2012	97%	92%	90%
Average	97%	93%	87%

The results were less consistent by risk area. For soybeans, there were six risk areas which had adequate NEW versus EXP data for all three years. If you are unfamiliar with MASC risk areas a map is available on page 30. Over the three years studied (2002, 2007 and 2012), NEW soybean producers yielded 84 per cent, 96 per cent, 89 per cent, 94 per cent, 85 per cent and 77 per cent of EXP soybean producers in risk areas 5, 10, 11, 12, 14 and 15, respectively (Table 3).

These results indicate that recent soybean production experience was most useful in risk area 15, and least relevant in risk areas 10 and 12. The smallest relative average yield percentage for NEW soybean producers was 64 per cent in risk area 11 in 2007.

Regardless of the year or risk area, in most instances (86 per cent), the soybean relative average yields of EXP producers were greater than the yields of NEW producers. Also interesting is that in each year there was one risk area where NEW soybean producers had higher relative average yields compared to EXP producers — as high as 109 per cent. In most years throughout the province higher soybean yields were obtained by producers having recent production experience with soybeans.

Table 3. Average yields (relative percent of EXP) of all Manitoba soybean insureds that were classified as NEW in 2002, 2007 and 2012 within risk areas 5, 10, 11, 12, 14, and 15.

Average Relative Yield of Manitoba Producers That Were Classified As Inexperienced							
Soybeans	Risk Area (Sub Area Soil Type)						
Year	5	10	11	12 (12 soils)	12 (32 soils)	14	15
2002	109%	95%	98%	91%	96%	92%	76%
2007	69%	98%	64%	102%	87%	90%	66%
2012	74%	95%	105%	93%	96%	71%	89%
Average	84%	96%	89%	95%	93%	85%	77%

Although the data is not presented in this article, similar variation in results by risk area was also observed for Argentine canola and grain corn. In most years throughout the province, there were higher yields for producers that had recent production experience with canola and grain corn, compared to those without recent experience.

In the case of NEW canola producers, the relative average yields by risk area ranged from 66 per cent to 107 per cent of EXP canola producers, with the majority of observed NEW relative average yields (70 per cent) being below 100 per cent.

It is interesting to note that, of the three crops studied, it was only for canola in risk area 5 that the NEW relative average yields were all above 100 per cent for three years studied (averaging 104 per cent). This suggests that having recent production experience appears not to have been a yield asset for canola growers in risk area 5, whereas in the rest of the province recent canola production experience was a yield asset in most years.

In the case of NEW grain corn producers, the relative average yields by risk area ranged from 78 per cent to 118 per cent of EXP producers, with the majority of observed NEW relative average yields (70 per cent) being below 100 per cent. On average, in most years, having previous recent production experience appears to be an asset for grain corn producers throughout the province.

It wasn't their first rodeo

The management practices resulting in these yield gains were not identified in this study. However, these findings suggest that producers with recent previous production experience will often achieve higher yields, regardless of the region or crop. For soybeans, grain corn, and canola, experienced producers achieved average yields 13 per cent, seven per cent and three per cent more than inexperienced producers, respectively. So from a yield perspective, the "value of experience" in these crops in these years averaged three to 13 per cent. It is often assumed to be "common sense" that there is value to experience. These results demonstrate that the value of producer experience is real and can be quantified by yield gains. Experience counts!

The SeCan logo is located in the top left corner, featuring the brand name in white on a red background.

Canada's Seed Partner

Have your oats and eat them too!

If you're thinking about planting oats, grow what's in demand without giving up yield.

NEW



AC® Stride



- ✓ white hulled milling oat
- ✓ yield 107% of AC Leggett*
- ✓ medium height, very strong straw
- ✓ currently under milling evaluation
- ✓ R to crown rust

Developed by Agriculture & Agri-Food Canada, Winnipeg

NEW



CDC Big Brown



- ✓ brown hulled milling oat
- ✓ yield 105% of AC Leggett*
- ✓ large plump kernel
- ✓ R to crown rust
- ✓ on approved milling list for Richardson Milling Ltd

Developed by Crop Development Centre, University of Saskatchewan

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

www.secan.com



*Based on Coop trials
Genes that fit *your* farm® is a registered trademark of SeCan

Soybean maturity: it's complicated

by Kristen Podolsky, production specialist, *Manitoba Pulse Growers Association*

Photoperiod, day length, sensitivity, heat units, maturity grouping — these are today's buzzwords surrounding the process of how soybeans reach maturity. In this article I will describe the factors involved, attempt to establish consensus among industry and convince you that all we really need is calendar days.

The role of photoperiod

Several factors affect the rate at which crops develop — heat, moisture, fertility and photoperiod. Photoperiod is the length of time that organisms receive sunlight, or in other words, day length (these terms are often used interchangeably).

Soybeans are considered short-day plants, meaning that physiological development is accelerated by short days. This is important for soybean adaptation in northern

growing regions where photoperiod increases with latitude, potentially delaying maturity. For example, within Manitoba, latitude increases 2° from Morden to Roblin. As a result, photoperiod/day length is longer in Roblin compared to Morden during midsummer. The longer days can delay maturity of soybean and increase risk in northern regions with fewer frost-free days.

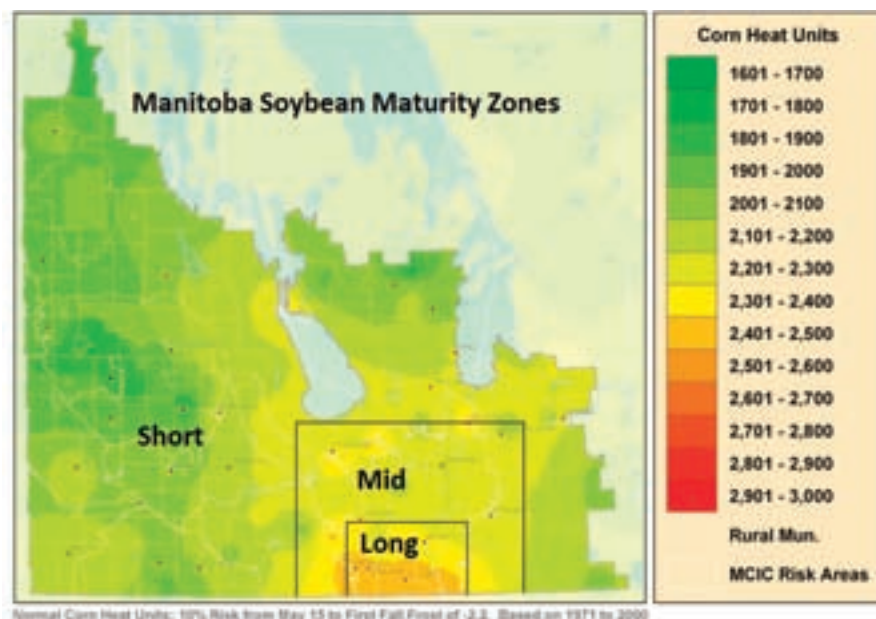
Thus, soybeans face two challenges as they move north — less heat and longer days. This is in contrast to wheat and canola, both long-day plants, where moving north to less heat is generally offset by the speeding effect of long days.

To encompass the influence of photoperiod, the term “maturity groupings,” also known as “relative maturity” is used in North America to group soybean varieties within certain latitudes. Each grouping defines soybean cultivars that are adapted to the photoperiod within a range of latitude across an east-west belt. Maturity groups range from 000 in northern growing regions of Canada to VIII in the southeastern U.S. This classification system is new to Manitoba, and we began to include it in variety trial data starting in 2014.

CHUs — fine for corn, but...

When we first began growing soybeans in Manitoba, corn heat units (CHUs), also referred to as “crop” and “company” heat units, were used to

Heat units are not the only factor which influences soybean maturity.



describe their adaptability. The CHU system is based solely on the daily accumulation of heat throughout the growing season, with no influence of photoperiod. This works well for corn, which is day neutral (not affected by photoperiod), but due to the influence of photoperiod on soybean development, the use of the CHU system to describe soybean adaptation has potential flaws.

With funding from Manitoba Pulse Growers Association, a research study was undertaken by Aaron Glenn (AAFC Brandon) from 2011-13 investigating three soybean varieties, each with different maturity groupings and CHU ratings, at multiple sites throughout the province. One objective of the study was to relate CHUs, calendar days and photoperiod to soybean developmental stages.

A major finding was that the early soybean variety, with a low CHU rating (2325 CHU), was able to mature and yield well at Roblin despite only accumulating 85 per cent of the required heat units. Observations of soybean varieties reaching maturity earlier than predicted by CHUs have previously been made by farmers and agronomists. Roblin is a high-latitude site with longer days, which would normally delay maturity (recall that soybean maturity normally progresses with short days); so why did the variety perform so well?

Developments over the past 30 to 40 years have identified soybeans that are “photoperiod insensitive,” meaning that soybean maturity is not delayed by short days. We believe that this understanding has been vital to the expansion and success of soybeans into Manitoba.

Significant research is underway to fully understand the genetic basis for photoperiod sensitivity (or insensitivity) in soybeans. The ability to optimize the photoperiod response of soybean cultivars to particular environments will be vital to enabling further increases in productivity.

Varieties differ in response

Another major finding is that days to maturity for the two earlier varieties was similar at Morden and Roblin, while as expected, the third variety reached developmental stages earlier at Morden (warmer) compared to Roblin. These results demonstrate that current varieties differ in the way they reach maturity (likely due to varying photoperiod sensitivity).

The inconsistent relationship between CHUs, yield and maturity supports the move away from classifying soybean varieties solely by company heat units, to including maturity grouping. In Manitoba, maturity groupings are primarily within the 00 area, with subgroups from 00.1 to 00.9, with each 0.1 equating to about one day's difference in maturity. Maturity groupings appear more accurate compared to CHUs but are not the complete solution yet. For example, in the Roundup Ready soybean table of *Seed Manitoba*, several varieties have the same maturity grouping (00.7) but their relative days to maturity ranges from -4 to +6 days compared to the check variety.

Continued on page 20

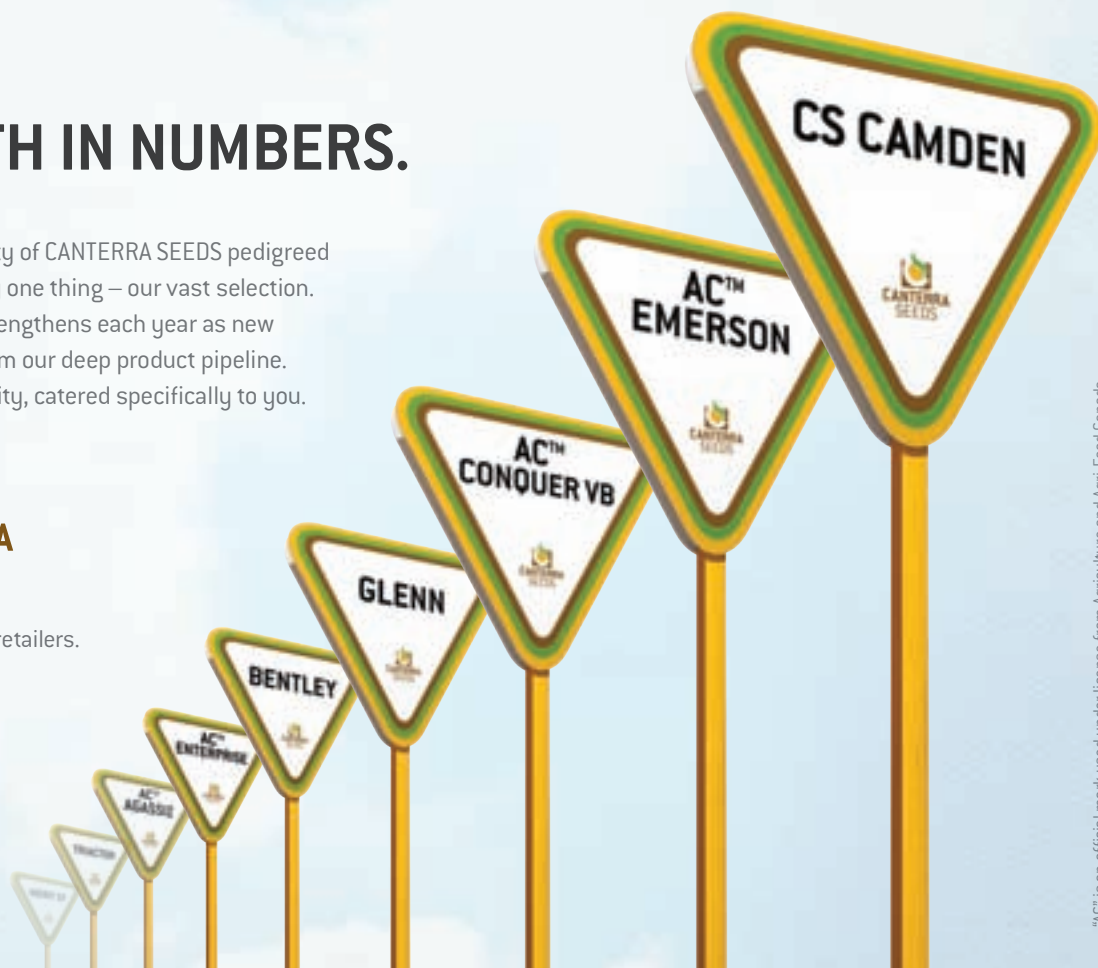
STRENGTH IN NUMBERS.

The cutting-edge quality of CANTERRA SEEDS pedigreed seed is rivalled by only one thing – our vast selection. Our cereal portfolio strengthens each year as new varieties are added from our deep product pipeline. This is quality in quantity, catered specifically to you.



Available only at select retailers.

CANTERRA.COM



It takes several years of study to accurately determine maturity groupings for particular varieties, which is why it's important to focus on calendar days when evaluating soybeans regionally.

The bottom line — it's calendar days

After this (complex) explanation of soybean maturity, the bottom line is that it comes down to calendar days. Heat and photoperiod are the two primary factors influencing soybean maturity, but we still don't fully understand the relative importance of these factors for all varieties in Manitoba. Both factors are reflected in the actual days to maturity as seen in *Seed Manitoba*.

If varieties are well suited to a region based on heat units, photoperiod and/or moisture, it will be reflected positively in days to maturity and yield. As growers and agronomists, we don't need to concern ourselves with the complexities of heat units and maturity groupings.

In *Seed Manitoba*, varieties are listed from early season to long season, based

on relative days to maturity averaged across multiple locations in eastern and western Manitoba. The first step is to identify which zone you are in (long, mid, short) then choose a variety within the zone based on yield and other attributes (iron chlorosis rating, plant architecture, etc.). Yield performance of soybean varieties among zones varies by an average 10 to 20 per cent, so variety selection is critical to optimizing farm profitability.

The soybean industry has made remarkable strides over the past few years in bringing high-yielding, short-season varieties adapted to Manitoba. Further collaboration and transparency from breeding groups on varietal response to photoperiod and CHUs will be key to achieving further gains in productivity.

A major finding was that the early soybean variety, with a low CHU rating (2325 CHU), was able to mature and yield well at Roblin despite only accumulating 85 per cent of the required heat units.



A research study from 2011-13 investigated three soybean varieties, each with different maturity groupings and CHU ratings, at multiple sites throughout the province. PHOTO: MPGA

What's the **BIG** HAIRY DEAL?



Dual inoculation for even **bigger** yields

Supercharge your soybean crop for maximum yield potential, especially in new ground, with **TagTeam®** and **Optimize®** inoculants. Two products, one bin-busting team.

The result? Your soybean crop gets nitrogen earlier, for a longer period, which ultimately drives yields. **And that's the big hairy deal.**

Working together for even better yields
TagTeam® and **Optimize®**

For more information on how to increase your yields, visit useTagTeam.ca and useOptimize.ca

TagTeam®, Optimize® and Monsanto BioAg and Design™ are trademarks of Monsanto Technology LLC, Monsanto Canada Inc, licensee. © 2014 Monsanto Canada Inc. 407-1 07.14

MONSANTO
BioAg™

When one of the world's worst grain storage pests tried to hitchhike into Australia in 2007, the industry was ready. How ready is Canada?

Stopping pests at the gate



by Laura Rance, *Manitoba Co-operator* editor

A family who had recently immigrated to Western Australia from the United Kingdom in 2007 was disturbed to find their belongings infested with a strange-looking beetle when the container arrived after a six-week voyage.

They called in a pest control expert who identified the khapra beetle, a pest that if allowed to proliferate could not only cause significant damage to grain quality, but which could cause major export markets to slam shut their borders.

The Australian grain sector activated its Emergency Plant Pest Response Deed (EPPRD), a legally binding, sector-specific, pest-specific contingency plan it had only just formalized in 2005.

"It was the first time it was triggered for the grains industry," said Rohan Rainbow, who until recently was senior manager of plant health for the Grain Research and Development Corporation in Australia.

The family was moved out of their home and into a hotel for six weeks. The entire house was shrink wrapped and then fumigated extensively to contain the threat and eliminate it.

Cost sharing and compensation

The eradication effort was paid for through a cost-sharing agreement between the state and federal government and executed under the auspices of Plant Health Australia, a joint industry and government organization established in 2000 to keep farmers in Australia one step ahead of invasive insects, weeds and disease.

Rainbow, the keynote speaker at the Manitoba Agronomists Conference last December, said Australia's agriculture sector decided to become more proactive about pest control after a federal report in 1996 identified biosecurity — or rather lack of it — as a major threat to the country's agriculture industry.

The so-called Nairn report recommended forming a national biosecurity co-ordinating body paid for by

federal and state governments. Its recommendations also identified the need to compensate farmers whose crops are destroyed in the name of containment.

"That's a very important part of this whole process," said Rainbow, noting producers need assurances they won't be put out of business if they report a new pest in their fields. "Without that foundation, there is essentially a reluctance to report anything."

While Australia's isolated geography provides it with certain advantages on the biosecurity front, its climate provides a ready habitat for any invasive species.

Fluffy jackets are spore traps

Rainbow said the industry has done extensive research on how invasive species travel. Nuffield scholars travelling to Australia were recently asked to use forensic tape to test their own clothing and shoes for disease spores before entering the country. The results were unnerving.

"The amount of spores and exotic pathogens that were actually coming in through those pathways were enormous," he said. "We also looked at the type of fabric they wore, and particularly the very fluffy jackets are really bad for spore traps."

In short, his advice for world travellers is to avoid wearing home the clothes, shoes and hats they wear in foreign fields. "It's important to understand that there are some real risks," he said.



The Khapra beetle is one of the world's most destructive pests of grain products and seeds.

PHOTO: USDA



Australia's Rohan Rainbow says it's important for farmers to know they won't be put out of business if they report a new pest. PHOTO: SHANNON VANRAES

New priority

Crop protection strategies have traditionally been viewed as a triangle of genetic protection, cultural practices and pesticides. The Australian approach inserts biosecurity as the first line of defence.

"If you can actually reduce the impact of any new pest, weed and disease, through early management and intervention, that's got to be a far more cost-effective way for industry to deal with it," Rainbow said. While pesticides are a short-term treatment, they can be costly and may not return productivity to pre-pest levels. Farm management practices can help prevent new pests from becoming established and spreading.

So the grains sector has identified the top 35 pests most likely to invade, such as the khapra beetle, and developed contingency plans that can be pulled off the shelf when they arrive.

"That's a really important part of the whole exercise. There's nothing worse in a crisis that everyone standing around looking at each other saying, 'What are we going to do now?'" he said. Understanding the potential impacts for agronomics and trade are an important part of that process.

Those plans also include training for the grains industry, surveillance plans, containment and possible pesticide responses.

It also requires being proactive about getting pesticide registration approvals and labelling in place, a provision that was only added to the plan within the past year. "You want to be able to use the chemical product tomorrow, not in six months to deal with these things," Rainbow said.

Advance screening

In Australia, research dollars are already being invested to do advance screening for genetic resistance in a bid to cut down the amount of time it would take to get resistance into the hands of commercial growers.

"We are encouraging growers to think more about how people, equipment and livestock come onto their farm," Rainbow said. A growing number of growers are even posting their property to encourage contractors and other visitors to practise biosecurity.

Plant Health Australia has set a goal of convincing 50 per cent of growers to develop a biosecurity plan for their farms within the next four years.

Grower behaviour is critical to the success of the program, he noted. Not only are producers on the front lines of dealing with invasive species, they have the most to lose if they are allowed to gain a foothold.

"At the end of the day we need to reduce business risk. In fact, I used to say... our role is to help farmers sleep better at night," Rainbow said.

Crop biosecurity is increasingly creeping into the vocabulary around crop management in Canada too, particularly with the spread of herbicide-resistant weeds and emergence of diseases such as clubroot and most recently verticillium wilt as commercial threats.

But Canada's biosecurity efforts fall far short of the joint government and industry response in Australia and tend to be more reactive than proactive.

Put it on paper

"I think that Australia is more advanced than Canada in regards to biosecurity," said Anastasia Kubinec, an oilseed crop specialist with Manitoba Agriculture Food and Rural Development.

Reporting of pests here is voluntary and while the Canadian Food Inspection Agency has the authority to quarantine an infested site or facility, there are no provisions for compensation if a farmer's crop must be destroyed.

While most Manitoba farmers are incorporating biosecurity considerations into their management, few have taken the step of creating a biosecurity plan, Kubinec said.

"To turn their current good pest management practices into a biosecurity plan they should be putting their procedures down on paper and then critically assessing them as to new or increased risks from pest introduction and movement and pinpoint how specifically entry could occur and from where," Kubinec said.

She said farmers could be unwittingly exposing themselves and their neighbours to new pests.

"An example is buying a new flex header for soybeans in Nebraska for a steal of a deal and bringing it home and using it without cleaning it," she said. "Nebraska has soybean cyst nematode, which is a soil-borne pest. Not cleaning the header could mean the introduction of that Nebraska soil and the nematode without knowing it."

In 2011, the Canadian Food Inspection Agency, federal Agriculture Department officials, and the Canada Grains Council established a Grains and Oilseeds Biosecurity Advisory Group to guide development of voluntary biosecurity on-farm protocols for the grains and oilseeds industry.

That document identifies key risks and issues and provides producers with a guide to becoming proactive about biosecurity on their farms. The National Voluntary Farm-Level Biosecurity Standard can be found on the Canadian Food Inspection Agency website.

Producers can also find more information by contacting a Manitoba Agriculture, Food and Rural Development Crops Knowledge Centre.

laura@fbcpublishing.com

The year saw a slow start, and heavy and damaging rainfall and flooding in midsummer

A year of highly variable weather across the province



PHOTO: LIONEL KASKW, MAFRD

MAFRD Ag Weather Program, MAFRD Crops Knowledge Center

Seasonal weather variability continues to be a common story for Manitoba producers. In 2012, temperatures in March reached the mid-teens and in most regions, producers were looking at snow-free fields. In 2013, more than a half-metre of snow with lows in the -20 C range occurred in April. However, by mid-May, the air temperature remained above 0 C and fields were snow free with sufficient soil moisture for seeding in most regions of the province. The 2013-14 winter was extremely cold with significant precipitation.

In 2014, cold temperatures continued into April which resulted in a heavy snowpack throughout southern Manitoba and eastern Saskatchewan and resulted in a gradual thaw until early May.

Following the thaw, southeast Saskatchewan along with southwestern, northwestern and Parkland regions of Manitoba received successive rainfall events with precipitation between 150 and 200 per cent of normal. Spring flooding and cold temperatures across Manitoba significantly delayed seeding. Unfortunately, close to one million acres were unseeded due to the poor spring conditions. Pasture and forage regrowth was also delayed in the spring and winter wheat was slow to break dormancy. About 37 per cent of the winter wheat acres were terminated due to poor stand establishment.

Summer floods

Significant precipitation across Manitoba from June 23 to June 29 resulted in two separate but related events in Manitoba: flooding in rivers throughout the Lake Winnipeg Watershed and prolonged excess moisture in southwest Manitoba. Growing conditions improved in mid-July with varying insect, disease and weed pressure.

An additional 111 mm of precipitation occurred between Reston and Melita from August 18 to 24. The continued precipitation caused varying harvest delays and lower crop quality. The maturity of grain corn, sunflowers and soybeans became a significant concern in mid-September given the lack of accumulated growing degree days and accumulated corn heat units during the growing season.

Frosts came from Sept. 12 onward but had minimal impact of crop development, yield and quality. Despite the challenges of the growing season, yield for most crop types were above 10-year provincial averages.

Soil moisture

During the last week of October and first week of November 2014, a soil moisture survey was conducted across agro-Manitoba. The amount of moisture within the root zone just prior to freeze-up provides a good indication of what can be expected in the spring. With snow cover and freezing temperatures, soil moisture content remains relatively stable throughout the winter.

For the most part, there is good soil moisture going into the spring; however, many areas are fully saturated which could result in difficulties with spring seeding. Snowfall, the rate of snowmelt, spring precipitation, air and soil temperatures will refine the timing of spring seeding.

The accompanying maps show the seasonal summary for precipitation, corn heat units and growing degree days. Additional information is located at your local GO team office, www.gov.mb.ca/agriculture, <http://cropchatter.com/> and Twitter: @MBGovAg.

Continued on page 26



**ROCKY
MOUNTAIN
EQUIPMENT**

A HIGHER STANDARD FOR SEEDING.

Set a higher standard for seeding with the Precision Disk 500T. With an on-board bulk seed tank, options for tow-between or tow-behind carts and various working widths, it's one more tool on the road to lower costs and better yields.

Visit your nearest Rocky Mountain Equipment for more information.

1-855-763-1427
ROCKYMTN.COM

Rocky Mountain Equipment
DEPENDABLE IS WHAT WE DO.

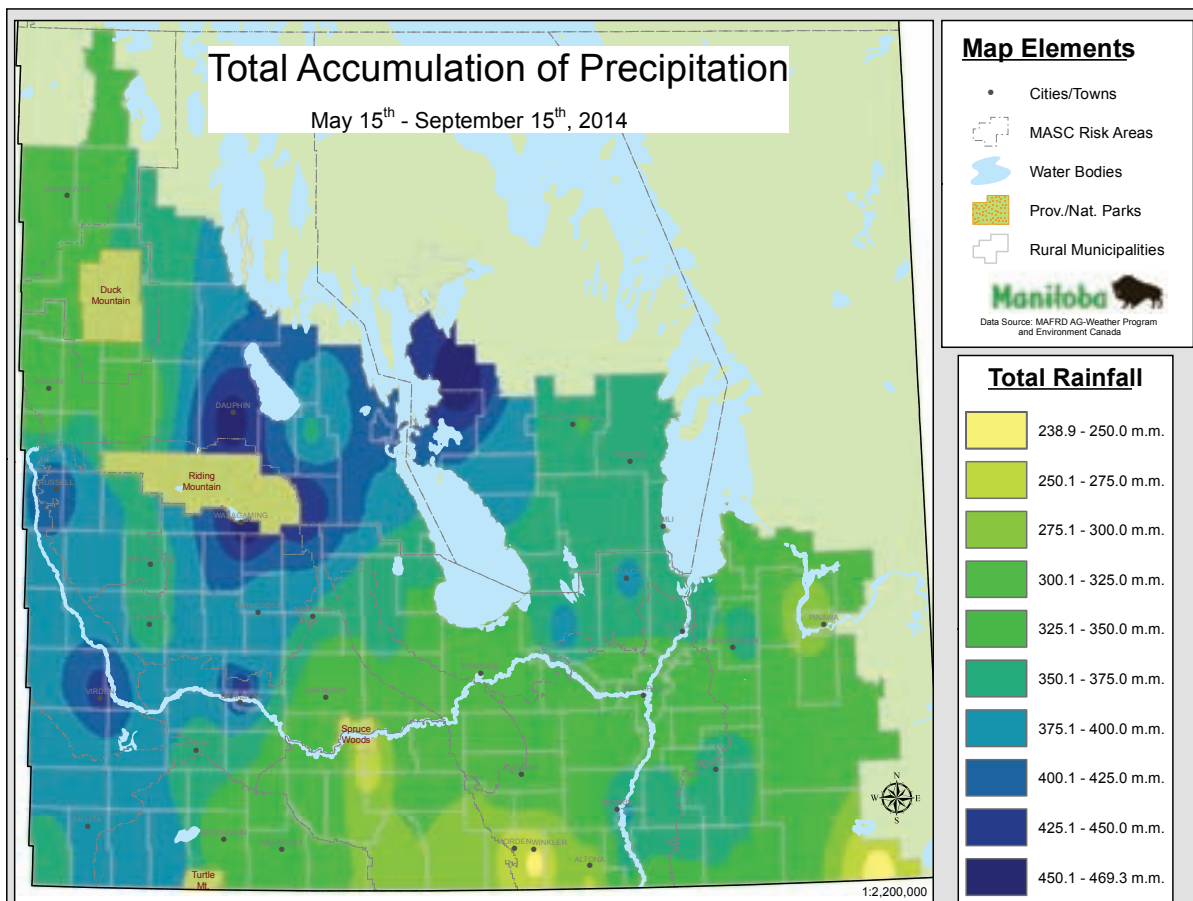
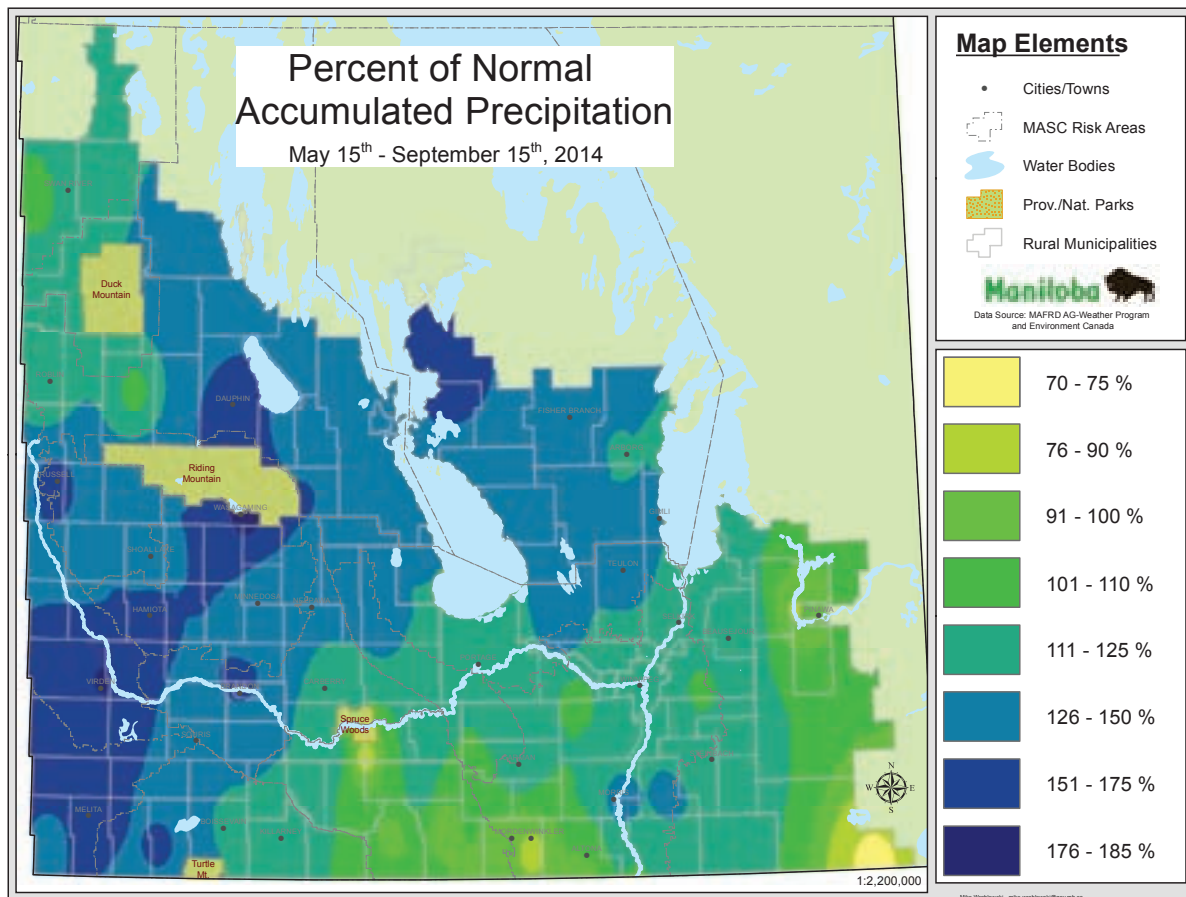


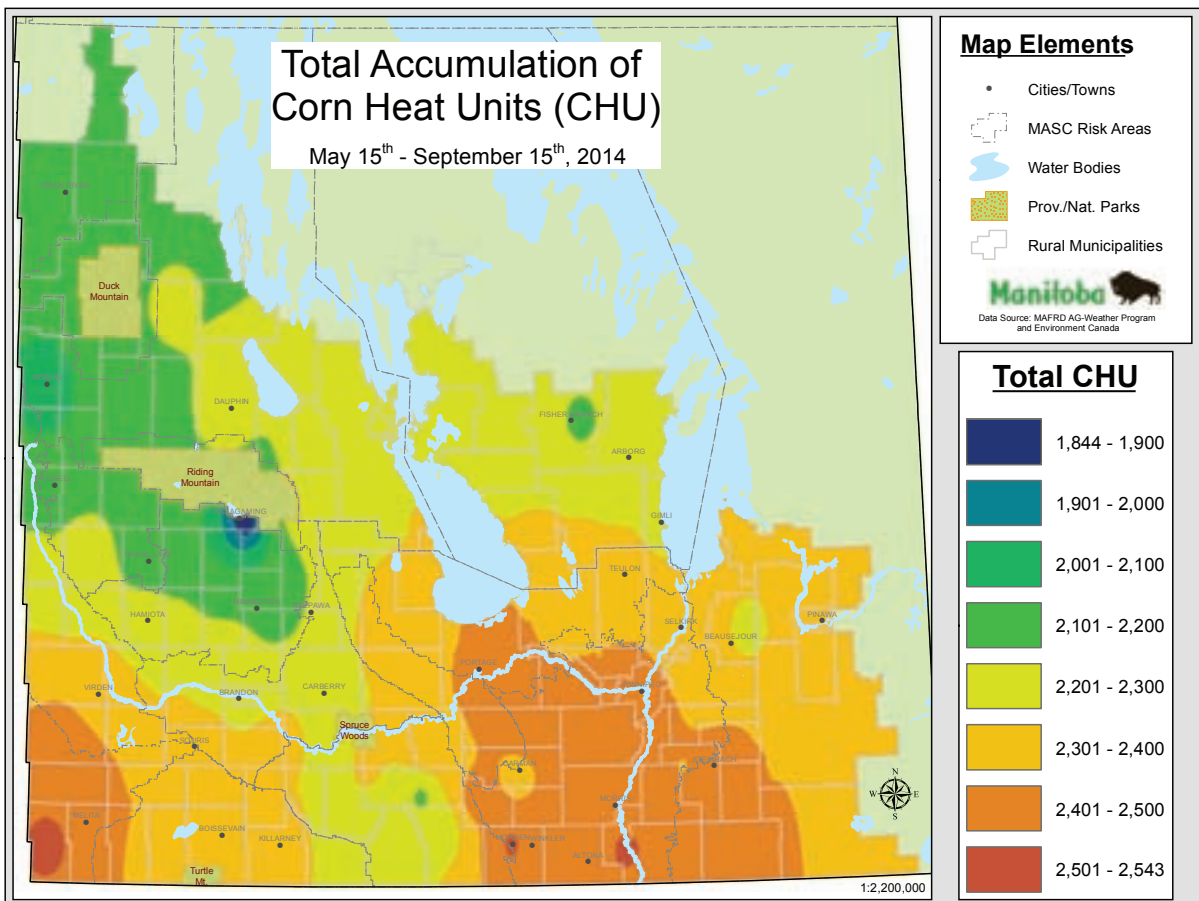
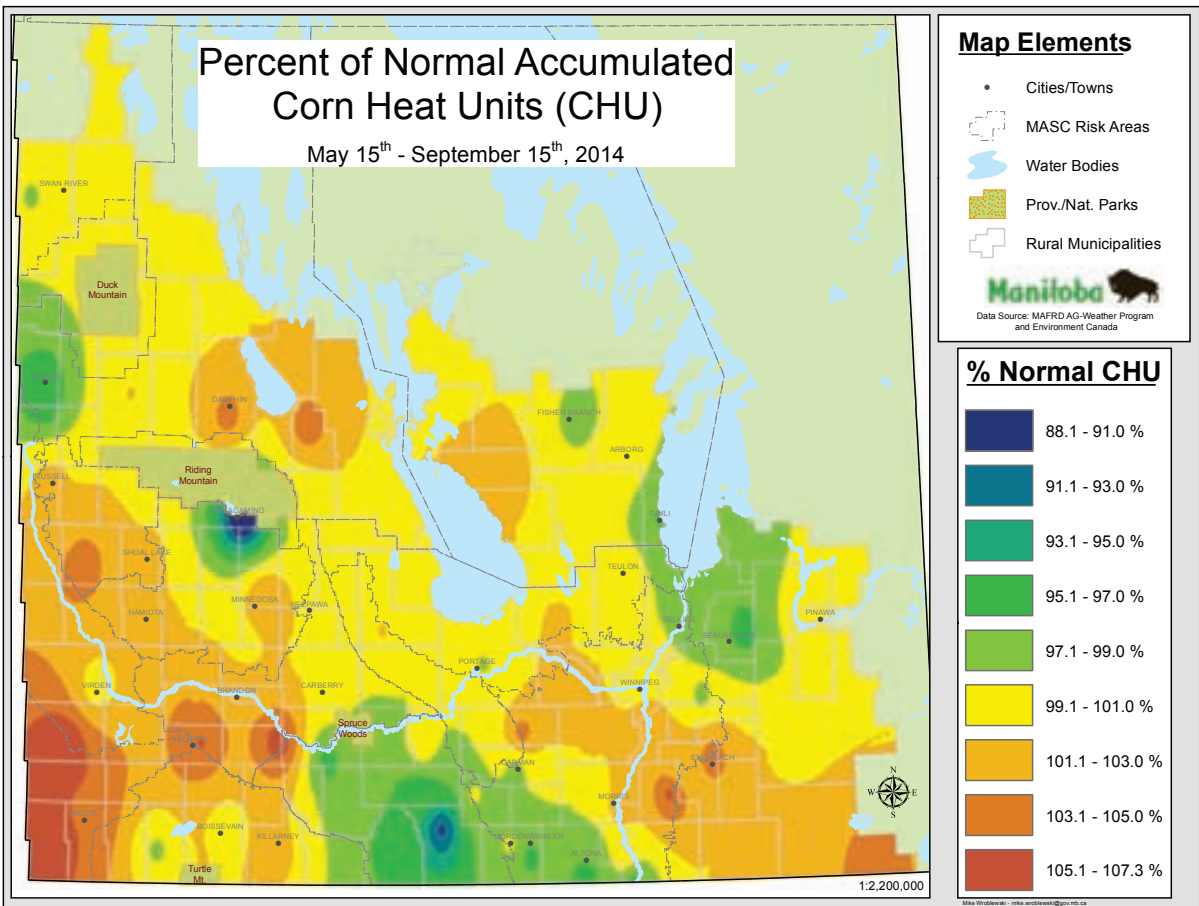
CASE IH
AGRICULTURE

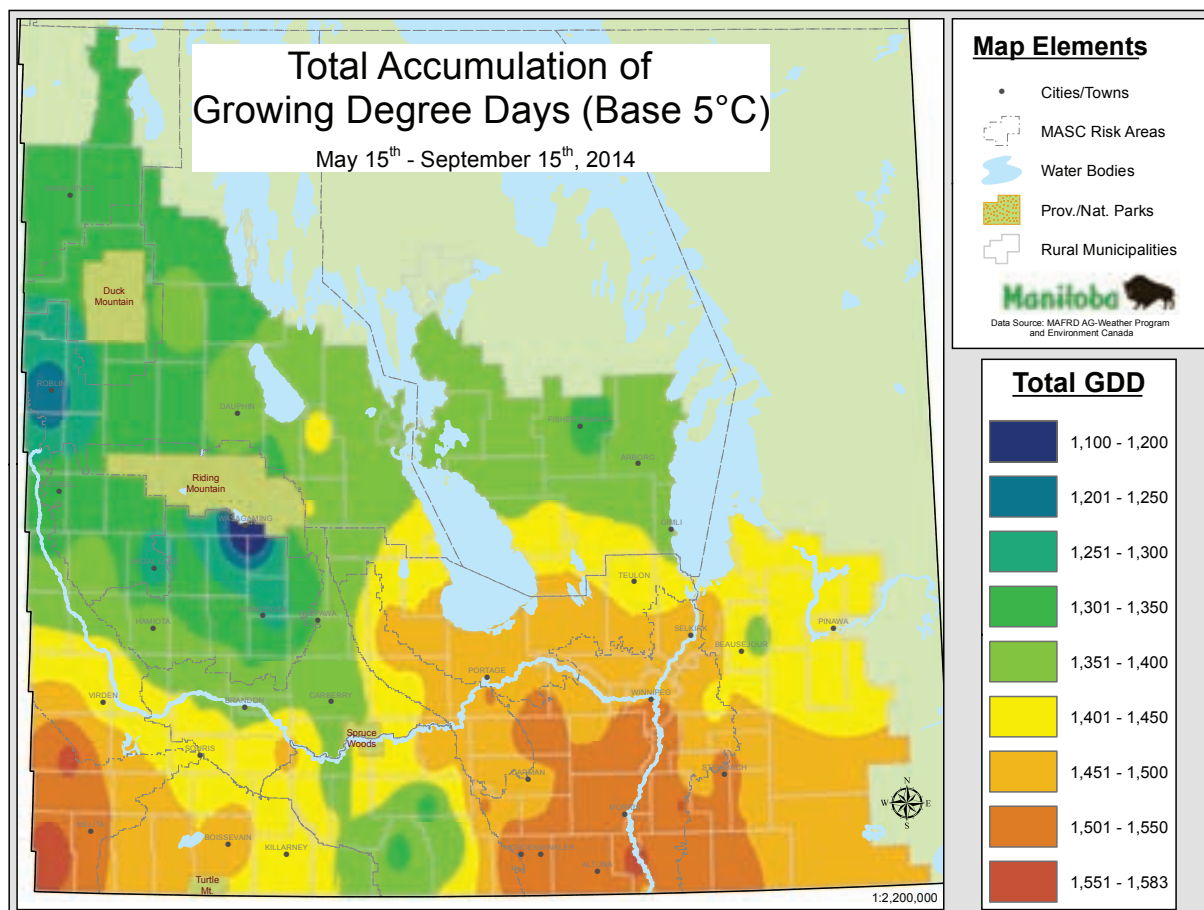
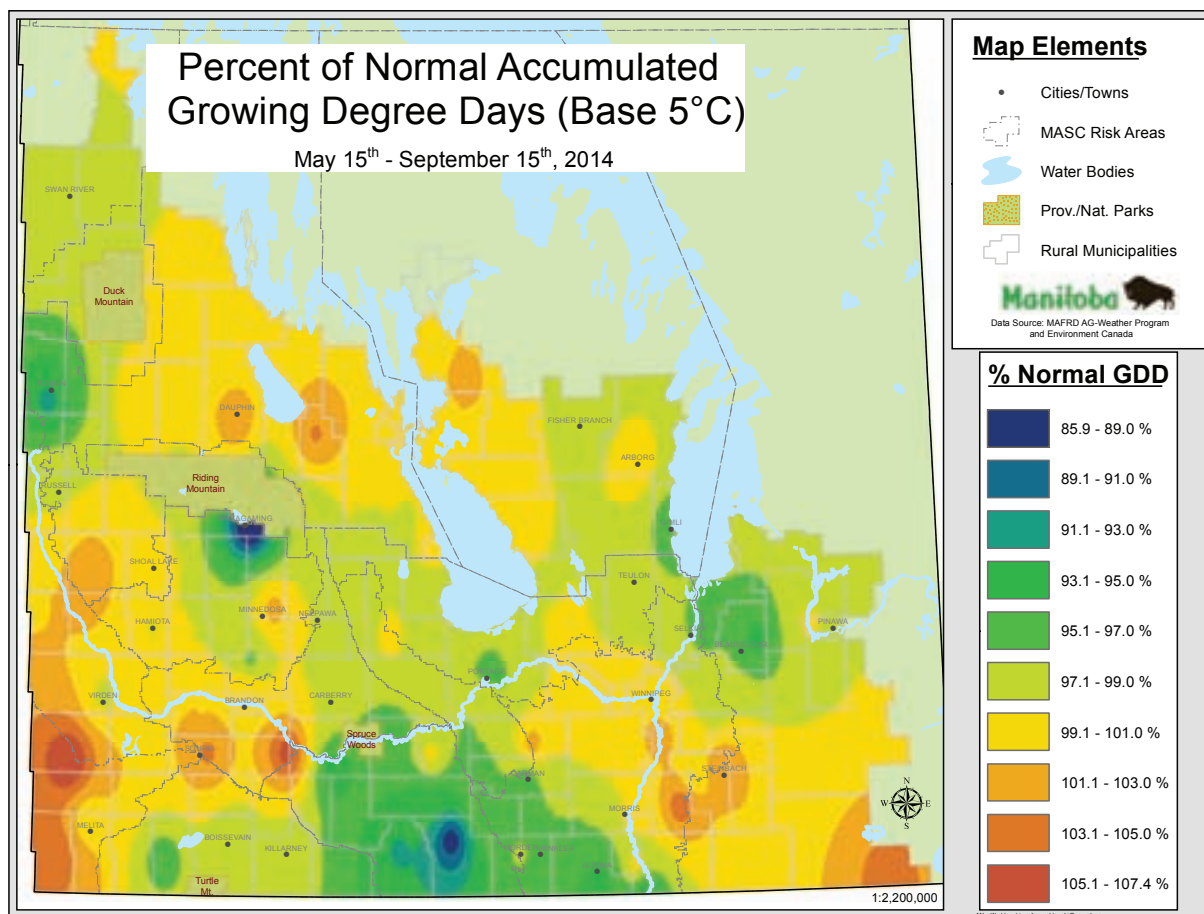
ROCKYMTN.COM



@RMEHQ







The Cereal Seed Experts



FP Genetics is owned by over 150 seedsmen who know and grow our industry-leading cereal varieties. Although these varieties will evolve, one thing will never change—our commitment to bringing the best cereal varieties to Western Canadian growers.

CDC Plentiful – CWRS	CDC Utmost VB – CWRS	AC® Muchmore – CWRS	AC® Enchant VB – CPSR	AC® Transcend – CWAD
AC® Summit – White Milling Oat	CDC Minstrel – White Milling Oat	Brasetto – Hybrid Fall Rye	AAC Bravo – Flax	Abarth – Yellow Pea

For more information on FP Genetics varieties
or to find your local seedsmen, visit fpgenetics.ca





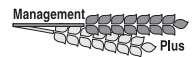
MANITOBA

CANOLA YIELDS BY VARIETY 2010–2014†							MANITOBA	
Variety‡	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014 Acres	2014‡
5440 (LT)	34	30	27	45	525,575	38	596,676	
INVIGOR L130 (LT)	—	30	28	45	436,965	38	430,920	
INVIGOR L252 (LT)	—	—	—	—	—	41	277,304	
1012RR (RT)	—	30	30	41	385,238	34	210,056	
L156H (LT)	—	—	—	44	119,434	42	127,281	
73-75 RR (RT)	—	30	28	42	195,648	34	80,665	
45H29 (RT)	34	28	29	43	91,407	36	74,406	
INVIGOR L154 (LT)	—	—	32	49	123,978	42	73,849	
CANTERRA 1990 (RT)	—	—	27	45	40,538	36	69,156	
INVIGOR L261 (LT)	—	—	—	—	—	40	65,927	
INVIGOR L150 (LT)	—	32	27	44	263,238	34	61,779	
6060RR (RT)	—	28	27	40	49,351	36	60,717	
45H31 (RT)	—	—	27	42	35,124	35	60,712	
INVIGOR L120 (LT)	—	—	26	42	78,566	33	60,528	
INVIGOR L140P	—	—	—	—	—	40	59,012	
INVIGOR L159 (LT)	—	—	25	42	104,491	38	55,886	
46H75 (ST)	—	—	30	43	35,055	35	50,012	
74-54 RR (RT)	—	—	—	45	586	36	48,815	
VT500 (RT)	—	26	25	37	100,708	32	45,126	
74-44BL (RT)	—	—	26	40	30,310	37	44,565	
2012CL (ST)	—	24	26	38	78,849	28	39,146	
VR 9560 CL (ST)	—	—	28	43	46,418	40	36,903	
VT 530 G (RT)	—	—	—	47	681	34	33,575	
VICTORY V2045 (RT)	—	—	26	41	38,751	38	22,870	
D3153 (RT)	—	—	27	41	22,108	32	21,688	
73-45RR (RT)	34	28	26	40	33,510	31	19,887	
INVIGOR L160S	—	—	—	—	—	36	19,400	
PIONEER 45S54 RR (RT)	—	—	26	41	25,178	32	17,453	
DEKALB 74-44 BL (RT)	—	—	—	38	10,110	37	13,253	
SY4135	—	—	—	—	—	39	10,125	
45H75	—	—	—	46	2,625	39	9,973	
CANTERRA 1970 (RT)	—	27	28	43	15,379	34	9,404	
VICTORY V12-1 (RT)	—	—	25	40	25,911	31	8,772	
6044RR	—	—	—	—	—	30	8,263	

CANOLA YIELDS BY VARIETY 2010–2014†							MANITOBA	
Variety‡	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014 Acres	2014‡
CANTERRA 1918 (RT)	—	22	22	36	11,754	22	8,042	
2016 CL	—	—	32	36	19,709	31	6,423	
5525 CL (ST)	28	24	29	41	9,844	33	6,408	
72-65 (RT)	32	25	24	40	10,801	33	5,743	
1016 (RT)	—	—	28	40	9,639	31	4,896	
46A76 (ST)	15	16	18	25	5,137	26	4,079	
VR 9562 GC (RT)	—	—	—	—	—	34	4,012	
SY4114 (RT)	—	—	—	—	—	37	3,814	
D3154S (RT)	—	—	33	42	1,822	34	3,741	
PIONEER 45S52 (RT)	—	26	25	36	16,271	41	3,546	
CANTERRA 1950 (RT)	28	22	24	33	5,025	26	3,352	
DEKALB 75-45 (RT)	—	—	23	41	4,297	34	3,059	
5535CL (ST)	—	19	27	27	1,704	31	3,003	
45H76 (ST)	—	—	29	41	2,142	37	2,933	
VR 9559 G (RT)	—	—	26	40	11,399	34	2,774	
3235 (RT)	—	—	31	—	—	36	2,150	
1145 (LT)	33	30	28	47	25,598	45	2,036	
1140 (LT)	—	—	26	25	3,713	35	2,022	
45H73 (ST)	31	28	29	35	8,527	36	1,937	
1014RR (RT)	—	26	29	43	2,795	37	1,737	
VR9561GC	—	—	—	—	—	36	1,717	
VICTORY V12-2 (RT)	—	—	—	—	—	35	1,552	
SW WIZZARD	9	2	30	17	1,330	12	1,289	
1144 (LT)	26	—	—	—	—	38	1,144	
VICTORY 1010RR (RT)	—	—	19	39	2,012	39	1,068	
6130RR (RT)	19	—	15	37	907	41	1,041	
PIONEER 46S53 (RT)	—	—	26	44	3,169	25	1,040	
DEKALB 73-15 (RT)	—	—	—	—	—	29	911	
45H33 (RT)	—	—	—	—	—	15	851	
45H28 (RT)	32	23	25	37	7,550	37	763	
8440 (LT)	37	31	30	—	—	43	697	
5030 (LT)	32	27	27	43	2,867	39	692	
45H21 (RT)	32	—	26	—	—	35	670	
FOREMOST	—	—	—	—	—	30	667	
292CL (ST)	24	15	—	—	—	25	654	
46A65	—	—	—	29	656	25	634	
5770 (LT)	36	29	26	49	1,935	38	618	

† Yields only for those varieties grown on more than 500 acres and by more than 2 growers;
 § Weighted Average Yield and Total Acreage include acres not reported in the table.
 ¶ For additional characteristic codes, see the key at the end of the Risk Area tables.

‡ On system as of January 5, 2015;
 * Assuming 48 lbs./bu.



WHERE FARM BUSINESS DOES BUSINESS.

We are the largest agricultural credit union in Manitoba and no one has more respect for the agriculture industry than we do. The special agricultural products and services we offer lead to exceptional opportunities in all areas of farming.



CALL OR VISIT US TODAY.

305 Main St, Steinbach 204.326.3495 | 1575 Lagimodiere Blvd 204.661.1575
 2100 McGillivray Blvd 204.222.2100 | Toll-free 1 800 511.8776 | scu.mb.ca

Ta king care of the world's most important business... yours.

CANOLA YIELDS BY VARIETY 2010-2014†							MANITOBA	
Variety‡	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres	
VT REMARKABLE (RT)	30	19	26	36	2,010	18	601	
PV531G (RT)	—	—	—	—	—	25	570	
CE 2169 10H	—	—	—	—	—	31	543	
73-55RR (RT)	33	27	29	40	5,184	40	533	
45A54 (RT)	—	—	—	28	876	35	521	
NEXARA 387H	—	—	—	—	—	39	518	
45A76 (ST)	—	—	—	—	—	19	511	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§							37.0 2,942,221	

WHEAT YIELDS BY VARIETY 2010-2014†							MANITOBA	
Variety‡	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres	
CARBERRY (RS)	43	42	53	62	840,040	50	755,332	
HARVEST (RS)	47	44	46	66	352,562	53	313,959	
GLENN (RS)	41	39	51	61	435,300	48	255,920	
CARDALE (RS)	—	—	69	73	12,897	58	206,529	
FLOURISH (W)	—	—	75	72	13,979	53	139,112	
FALLER (F)	39	42	66	79	41,530	72	125,970	
PASTEUR (F)	—	52	57	79	63,276	69	119,147	
WR 859 CL (RS)	43	38	53	63	137,046	50	92,700	
CDC FALCON (W)	65	60	70	69	357,912	59	73,683	
AC DOMAIN (RS)	39	38	42	56	106,550	36	68,597	
CDC STANLEY (RS)	—	—	49	60	103,466	47	64,109	
KANE (RS)	41	37	48	58	168,253	47	58,773	
MUCHMORE (RS)	42	49	50	70	45,343	52	58,282	
CDC GO (RS)	48	42	55	63	60,332	52	48,356	
5604HR CL (RS)	—	—	43	56	44,559	48	44,486	
CDC UTMOST (RS)	—	48	47	62	71,381	48	40,532	
AC BARRIE (RS)	37	35	45	56	54,470	47	23,607	
PROSPER (F)	—	—	—	85	2,060	83	22,144	
CDC BUTE (W)	58	45	56	50	26,574	38	20,275	
CDC VR MORRIS (RS)	—	—	—	67	4,100	48	17,003	
AAC BRANDON (RS)	—	—	—	69	523	64	13,981	
5602HR (RS)	37	39	42	52	23,765	33	10,638	
AC WASKADA (RS)	39	31	40	54	19,287	30	10,119	
VESPER VB (RS)	—	—	50	62	17,233	47	7,051	
EMERSON (W)	—	—	—	67	628	58	6,592	
5603 HR (RS)	45	39	43	52	29,088	44	6,177	
BROADVIEW (W)	—	—	62	67	7,681	46	5,689	
UNITY VB (RS)	45	41	46	55	19,822	35	5,398	
AC INTREPID (RS)	39	38	40	50	6,872	39	4,971	
SNOWSTAR (HWS)	48	38	52	63	11,256	65	4,969	



LMC specializes in seed and grain processing equipment, pre-cleaning equipment, VistaSort color sorters (with infrared and shape recognition options) and plant design. We also have manual and fully automatic weighing systems including bagging and robotic palletizing.

Processing Equipment

- Gravity Separators
- Vibratory Conveyors
- Gentle Handling Bucket Elevators
- Precision Sizing Shakers
- Destoners
- Bean/Pea Polishers
- Aspiration Machinery

Precision Air-Screen Seed Cleaners

VistaSort Color Sorters

- Infrared Camera
- RGB Camera
- LED Lighting

Dust Control Equipment

Indent Separators

Spiral Separators

Bucket Elevators & Accessories

Pellet Mills and Hammer Mills

Manual & Fully Automated Packaging Systems



Lewis M. Carter Manufacturing (Canada) Ltd.
 835 58th Street East
 Saskatoon, SK S7K 6X5
 Phone: 306-242-9292
 Fax: 306-934-4840

www.lewismcarter.com

WHEAT YIELDS BY VARIETY 2010-2014†							MANITOBA	
Variety‡	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres	
MCKENZIE (RS)	39	28	41	54	12,187	40	4,876	
CDC PLENTIFUL (RS)	—	—	—	—	—	54	3,714	
AC SPLENDOR (RS)	39	46	39	55	4,983	41	3,690	
MCCLINTOCK (W)	52	43	58	58	8,278	39	3,419	
ACCIPITER (W)	—	47	55	52	4,344	53	3,377	
WHITEHAWK (HWS)	—	—	—	60	2,140	36	3,168	
SY433 (RS)	—	—	—	46	1,050	42	2,806	
CDC TEAL (RS)	45	37	35	48	5,195	31	2,734	
5601HR (RS)	34	35	46	64	2,768	46	2,727	
SUPERB (RS)	37	33	38	59	5,612	32	2,591	
CDC PTARMIGAN (W)	77	69	69	52	2,643	45	2,361	
AC ANDREW (F)	42	44	49	65	6,519	41	2,290	
PEREGRINE (W)	—	33	61	36	1,169	33	2,230	
AAC ELIE (RS)	—	—	—	—	—	61	1,803	
GOODEVE (RS)	42	42	44	65	5,095	57	1,740	
CDC IMAGINE (RS)	39	34	42	55	3,602	41	1,567	
CDC KERNEN (RS)	—	—	—	56	1,587	47	1,504	
ALVENA (RS)	40	40	46	62	3,209	50	1,411	
AC CORA (RS)	38	26	38	39	3,074	37	1,369	
JENNA (F)	—	—	74	87	7,454	78	1,316	
AAC ICEBERG CWHRS (RS)	—	—	—	—	—	52	1,221	
5702PR (PS)	52	—	—	—	—	31	1,218	
AAC ICEBERG (HWS)	—	—	—	71	831	52	938	
SUNRISE (W)	—	—	66	49	1,302	52	930	
5605HR CL (RS)	—	—	—	—	—	38	879	
CDC ALSASK (RS)	34	39	51	56	1,048	40	864	
INFINITY (RS)	45	44	40	51	3,520	51	823	
AAC GATEWAY (W)	—	—	—	—	—	67	731	
MOATS (W)	—	—	—	—	—	37	550	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§							52.4 2,695,932	

SOYBEAN YIELDS BY VARIETY 2010-2014†							MANITOBA	
Variety‡	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres	
24-10RY	—	39	37	40	120,946	36	127,030	
THUNDER 32004R2Y	—	—	37	38	92,919	34	85,230	
900Y61	—	26	35	37	82,295	30	77,509	
NSC RICHER RR2Y (RT)	—	—	38	42	40,922	39	70,962	
NSC RESTON RR2Y	—	—	—	42	6,152	32	69,819	
DEKALB 23-10 (RT)	—	—	37	35	61,661	32	66,043	
25-10RY	—	31	38	42	63,955	38	62,755	
LS 002R23	—	—	—	38	7,723	32	53,883	
THUNDER 33003R2Y (RT)	—	—	39	37	24,807	31	50,205	
PEKKO R2 (RT)	—	—	36	36	72,653	33	44,977	
LS004R21	—	30	36	37	47,517	34	31,848	
VITO R2	—	—	—	40	5,055	30	28,759	
900Y71 (RT)	33	25	35	36	37,086	30	28,708	
OAC PRUDENCE	30	21	29	34	22,966	27	28,029	
NSC ANLOA RR2Y	—	—	36	38	27,704	33	27,619	
LS 005R22	—	32	36	42	23,865	35	26,600	
THUNDER 33005R2Y	—	—	—	42	3,009	38	25,312	
24-61 RY (RT)	—	—	41	42	13,627	38	22,389	
PRIDE 0027 (RT)	—	—	—	—	—	34	22,361	
NSC MOOSOMIN RR2Y	—	—	—	35	1,077	27	20,480	
NSC LIBAU RR2Y	—	—	36	37	55,461	34	18,042	
MCLEOD R2	—	—	—	41	995	34	17,867	
PS 0027RR (RT)	34	30	39	39	21,790	32	14,707	
PIONEER P002T04R	—	—	—	—	—	30	12,698	
DEKALB 23-60 RY (RT)	—	—	—	—	—	36	11,893	
90Y61 (RT)	—	—	—	39	2,992	30	11,262	
LS005R24	—	—	—	—	—	39	10,608	
LS003R22	—	—	37	36	22,147	34	10,495	
NSC NIVERVILLE RR2Y	—	—	—	40	9,962	37	10,026	
LS002R24N	—	—	—	40	723	31	9,882	
NSC ELIE RR2Y (RT)	—	—	37	42	30,781	35	9,606	
CHADBURN R2	—	28	37	37	19,675	28	8,664	
PIONEER P008T22R2 (RT)	—	—	—	—	—	37	7,318	
SAMPSA R2	—	—	40	41	9,497	36	6,464	
90Y01	—	—	—	41	1,661	36	5,662	
ASTRO R2 (RT)	—	—	33	43	2,787	41	5,628	
S007-Y4 (RT)	—	—	—	—	—	38	5,603	
LS 005R23	—	—	—	—	—	36	5,474	
GRAY R2	—	—	—	—	—	35	4,759	
BISHOP R2	—	—	—	41	2,288	35	4,589	
NSC GLADSTONE RR2	—	—	—	—	—	34	4,558	
NSC TILSTON RR2Y	—	—	—	46	735	37	4,541	
90Y71	—	—	—	34	3,681	34	4,189	
NSC OSBORNE RR2Y (RT)	37	28	34	42	3,726	34	4,102	
PIONEER P008T70R (RT)	—	—	—	—	—	42	4,013	
P001T34R	—	—	—	—	—	21	3,965	
THUNDER 24004 RR (RT)	—	—	—	41	2,037	33	3,918	
LS006R21	—	—	39	41	12,395	36	3,905	
PS 0083 R2 (RT)	—	—	40	41	2,452	36	3,865	
HS 006RYS24	—	—	40	39	4,067	37	3,413	
ISISRR (RT)	34	26	34	—	—	30	3,158	
LS 005R21	—	—	35	42	8,062	36	2,739	

† Yields only for those varieties grown on more than 500 acres and by more than 2 growers;
 § Weighted Average Yield and Total Acreage include acres not reported in the table.
 ¶ For additional characteristic codes, see the key at the end of the Risk Area tables.

‡ On system as of January 5, 2015;
 * Assuming 48 lbs./bu.

VALTERA™ HAS SHOWN TO BOOST YIELD BY UP TO 6.7 BUSHELS/ACRE.*

Eliminating early weed pressure is the secret to high yielding soybeans. Adding Valtera herbicide to your burndown will give IP and Roundup Ready® soybeans a huge leg up.

Valtera is a Group 14 residual pre-emergent product that remains in the soil to provide safe, extended (4 to 6 week) control of tough broadleaf weeds. And Valtera will boost your resistance management program by controlling glyphosate-resistant weeds.

1.800.868.5444
Nufarm.ca



*Results from trials across five States, comparing yields in fields using a glyphosate burndown versus a Valtera + glyphosate burndown. Valtera™ is a trademark of Valent U.S.A. Corporation. All other products are trademarks of their respective owners.

40229-0914

VALTERA
HERBICIDE

**EXTENDED EARLY
SEASON CONTROL
IN SOYBEANS.**



Grow a better tomorrow.



WELCOME TO
NEW
OPPORTUNITY,
FLEXIBILITY,
PROFITABILITY.



Dow AgroSciences

Solutions for the Growing World

Make it Nexera™
and make more,
NOW in more ways
than one.

- Get healthier premiums, profits, demand for Omega-9 oils
- Healthier agronomics, profit to your potential either way
- New for 2015, the Nexera canola Flexibility Agreement™
- Grow Nexera WITH OR WITHOUT a contract



SOYBEAN YIELDS BY VARIETY 2010–2014†								MANITOBA	
Variety‡	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres		
DEKALB 23-60 (RT)	—	—	—	—	—	36	2,736		
S00-T9 (RT)	—	—	—	42	1,064	41	2,644		
OAC ERIN	35	36	38	41	644	34	2,563		
THUNDER 32005R2Y	—	—	—	—	—	37	2,524		
SECAN HERO (RT)	—	—	—	—	—	34	2,370		
S00-N6 (RT)	—	—	—	—	—	35	2,005		
THUNDER 27003RR (RT)	—	—	44	32	1,038	28	1,867		
THUNDER 29002RR (RT)	—	22	35	30	1,731	33	1,799		
S00-B7	—	—	—	38	1,092	31	1,770		
THUNDER 23005RR (RT)	—	—	—	37	1,774	35	1,761		
LS 0028RR (RT)	31	27	30	—	—	35	1,635		
LEGEND LS003R24N (RT)	—	—	—	—	—	41	1,607		
GENTLEMAN	30	23	41	36	3,453	26	1,496		
THUNDER TH 34006R2Y	—	—	—	—	—	36	1,363		
NORTHSTAR 009612A1	—	—	—	—	—	30	1,243		
PS 0074 R2	—	—	—	—	—	39	1,166		
TUNDRA	29	—	12	21	2,621	21	1,054		
NSC WARREN RR (RT)	27	21	37	30	765	32	1,037		
LEGEND NORTHWESTER (RT)	—	—	—	—	—	33	1,017		
LS 007R22	—	—	—	44	969	39	919		
PRIDE SEEDS EXP003 R2	—	—	—	38	4,163	34	872		
90M01 (RT)	33	24	35	38	2,443	20	822		
LS 0045RR (RT)	41	—	40	36	1,773	29	790		
BRIANE	—	—	—	—	—	37	675		
CURRIE R2	—	38	—	47	678	35	667		
LS 006R22	—	—	35	42	3,093	34	641		
HS 006R37 (RT)	—	—	—	41	1,008	40	633		
90A01	29	—	—	—	—	20	569		
900M71	—	—	—	—	—	27	525		
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES						33.6	1,275,685		

OATS YIELDS BY VARIETY 2010–2014†								MANITOBA	
Variety‡	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres		
SOURIS	93	74	93	114	125,536	93	132,901		
SUMMIT	97	61	96	122	42,892	106	66,110		
FURLONG	79	66	84	108	37,729	87	29,438		

Trait Stewardship Responsibilities Notice to Farmers

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. Commercialized products have been approved for import into key export markets with functioning regulatory systems. Any crop or material produced from this product 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 this product. Excellence Through Stewardship® is a registered trademark of Excellence Through Stewardship.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Ready® crops contain genes that confer tolerance to glyphosate, the active ingredient in Roundup® brand agricultural herbicides. Roundup® brand agricultural herbicides will kill crops that are not tolerant to glyphosate. Acceleron® seed treatment technology for canola contains the active ingredients difenoconazole, metalaxyl (M and S isomers), fludioxonil, and thiamethoxam. Acceleron® seed treatment technology for soybeans (fungicides only) is a combination of three separate individually registered products, which together contain the active ingredients flupyrroxad, pyraclostrobin and metalaxyl. Acceleron® seed treatment technology for soybeans (fungicides and insecticide) is a combination of four separate individually registered products, which together contain the active ingredients flupyrroxad, pyraclostrobin, metalaxyl and imidacloprid. Acceleron® seed treatment technology for corn (fungicides only) is a combination of three separate individually registered products, which together contain the active ingredients metalaxyl, trifloxystrobin and ipconazole. Acceleron® seed treatment technology for corn (fungicides and insecticide) is a combination of four separate individually registered products, which together contain the active ingredients metalaxyl, trifloxystrobin, ipconazole, and clothianidin. Acceleron® seed treatment technology for corn with Poncho®/VoTivo™ (fungicides, insecticide and nematocide) is a combination of five separate individually registered products, which together contain the active ingredients metalaxyl, trifloxystrobin, ipconazole, clothianidin and Bacillus firmus strain I-5821. Acceleron®, Acceleron and Design®, DEKALB and Design®, DEKALB®, Genuity and Design®, Genuity®, RIB Complete and Design®, RIB Complete®, Roundup Ready 2 Technology and Design®, Roundup Ready 2 Yield®, Roundup Ready®, Roundup Transorb®, Roundup WeatherMAX®, Roundup®, SmartStax and Design®, SmartStax®, Transorb®, VT Double PRO® and VT Triple PRO® are trademarks of Monsanto Technology LLC. Used under license. 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. Poncho® and Votivo™ are trademarks of Bayer. Used under license. All other trademarks are the property of their respective owners.



OATS YIELDS BY VARIETY 2010–2014†								MANITOBA	
Variety‡	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres		
PINNACLE	80	66	71	98	33,279	69	23,309		
TRIACOTOR	108	84	92	117	23,255	101	15,601		
LEGGETT	71	67	71	89	25,731	67	15,137		
RONALD	80	76	88	118	17,782	104	8,702		
STRIDE	—	—	—	128	878	84	6,813		
BIG BROWN	—	—	—	—	—	88	5,187		
AC MORGAN	89	85	81	110	4,360	82	3,951		
CDC DANCER	83	58	74	92	7,659	52	3,883		
AC ASSINIBOIA	55	64	63	78	5,072	55	2,775		
TRIPLE CROWN	77	75	64	83	6,252	39	2,195		
GEHL (HULLESS)	62	30	53	52	3,011	69	2,086		
RIEL	47	46	96	95	1,365	69	1,074		
OT4001R	—	—	—	—	—	141	1,041		
JORDAN	63	50	69	75	3,513	26	854		
CDC MORRISON	—	—	—	—	—	79	744		
AC PRAKNES	45	47	—	88	943	94	615		
CDC BALER	67	—	—	—	—	33	554		
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES						89.6	332,361		

BARLEY* YIELDS BY VARIETY 2010–2014†								MANITOBA	
Variety‡	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres		
CONLON	56	42	62	82	122,793	67	92,916		
CDC AUSTENSON	—	50	63	101	32,461	67	44,933		
NEWDALE	57	36	54	83	52,449	57	32,661		
CELEBRATION	64	51	71	86	51,966	63	23,271		
TRADITION	47	35	54	84	26,339	61	20,417		
CHAMPION	60	46	59	91	28,522	58	20,293		
AC METCALFE	50	32	42	73	22,741	51	18,987		
BENTLEY	55	53	42	77	12,795	60	7,719		
CDC COPELAND	45	23	45	78	13,436	54	7,075		
CDC MEREDITH	—	—	49	89	11,491	64	5,401		
CDC COWBOY	46	34	31	61	9,038	29	5,207		
STELLAR-ND	51	38	55	72	13,226	54	4,632		
LEGACY	56	33	53	77	7,885	45	4,133		
LACEY	54	42	51	81	3,443	67	3,789		
ROBUST	49	44	41	74	5,668	71	3,006		
XENA	37	—	68	116	1,947	87	2,256		
CDC YORKTON	50	47	38	72	2,472	28	2,101		
CDC TREY	51	36	45	71	2,050	56	1,554		
CDC COALITION	74	47	55	93	2,427	39	1,310		
AC RANGER	65	52	51	92	1,233	43	875		
DESPERADO	21	—	57	62	2,631	50	583		
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES						61.1	311,276		

CORN YIELDS BY VARIETY 2010–2014†								MANITOBA	
Variety‡	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres		
PIONEER P7443R (RT)	—	91	122	130	50,192	107	40,235		
PIONEER 39D97 (BT)(LT)(RT)	120	100	130	148	53,416	125	29,891		
PIONEER 39D95 (RT)	107	96	123	135	73,157	111	28,266		
PIONEER 39V05 (RT)	—	122	138	150	25,918	127	24,651		
P7632HR (BT)(RT)	—	—	—	141	3,004	121	20,484		
PIONEER 39V07 (BT)(LT)(RT)	—	120	128	157	6,671	133	11,220		
DEKALB DKC26-28RIB (RT)(BT)	—	—	—	132	17,896	117	10,260		
PIONEER P7632HR (HX1)(LT)(RT)	—	—	—	—	—	128	10,064		
PIONEER P7213R (RT)	93	83	102	104	18,153	72	7,546		
PIONEER P7332R	—	—	—	—	—	106	7,512		
DEKALB DKC 27-55 (LT)(RT)	—	—	—	133	4,559	127	6,450		
DEKALB DKC30-07 (RT)	—	—	—	153	7,533	132	4,575		
A4408G2 RIB	—	—	—	—	—	108	3,050		
MAZEX MZ 1633 (RT)	—	—	—	—	—	89	2,991		
HYLAND 3093 (RT)	—	—	—	128	3,925	114	2,598		
PIONEER 39Z69 (HX1)(LT)(RT)	124	100	127	142	4,329	101	2,593		
DEKALB DKC30-07RIB	—	—	—	—	—	128	1,847		
TH 7578 VT2P RIB	—	—	—	—	—	131	1,655		
P8210HR (BT)(LT)(RT)	—	—	—	—	—	113	1,634		
LR9573VT2PRIB	—	—	—	—	—	114	1,173		
PRIDE A4631G2 RIB	—	—	—	—	—	129	1,014		
LEGEND LR9975R (RT)	127	86	120	127	3,469	108	919		
E47A17R RR2	—	—	—	—	—	102	867		
PRIDE A4023 (BT)(RT)	—	—	125	118	3,669	67	757		
P7958AM	—	—	—	—	—	107	660		
PIONEER 3997	—	—	—	—	—	129	658		
PIONEER 3995	85	—	121	—	—	98	643		
DEKALB DKC 30-23	—	113	142	155	2,182	120	609		
A4631G2 RIB (RT)(BT)	—	—	—	134	2,485	119	540		
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES						115.3	236,164		

DRY BEAN YIELDS BY VARIETY 2010–2014†								MANITOBA	
Variety‡	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres		
WINDBREAKER (PINTO)	1,653	2,072	1,986	2,282	30,976	1,819	38,206		
T9905 (WHITE PEA)	2,046	2,194	2,006	2,216	12,193	1,944	16,710		
ENVOY (WHITE PEA)	1,327	2,057	1,775	2,308	8,392	1,437	14,524		
ECLIPSE (BLACK)	1,541	1,854	1,881	1,986	8,481	1,550	12,059		

† Yields only for those varieties grown on more than 500 acres and by more than 2 growers;
 § Weighted Average Yield and Total Acreage include acres not reported in the table.
 ¶ For additional characteristic codes, see the key at the end of the Risk Area tables.

‡ On system as of January 5, 2015;
 * Assuming 48 lbs./bu.





BE FIRST IN *your* FIELD

We're farmers, just like you, so we know how important top genetics and traits are to your profit potential. We also understand the value of a seed company that's more a partner than a supplier.

Our soybean, corn and corn silage seed consistently performs for maximum yields and exceptional quality so you'll have more to sell at premium prices come harvest time. And we'll be there when you need us, any time.

www.thunderseed.ca

**TO LOCK IN HIGHER RETURNS FOR 2015,
CALL OUR EXCLUSIVE DISTRIBUTOR IN
WESTERN CANADA TODAY.**

**QUARRY SEED
888-274-9243**



FIELD PEA YIELDS BY VARIETY 2010–2014†						MANITOBA	
Variety‡	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres
CDC MEADOW	34	28	40	47	20,825	31	20,127
AGASSIZ	38	35	44	58	8,968	36	11,597
CDC PATRICK	—	—	38	43	2,694	41	3,519
CDC STRIKER	31	20	38	42	3,322	35	3,497
4010	22	21	20	27	2,137	24	3,113
LIVIOLETTA	24	27	35	37	1,603	24	1,824
COOPER	37	—	52	56	978	37	1,675
CDC GOLDEN	31	24	39	49	1,176	27	1,404
NO VAR	18	—	29	—	—	19	1,364
CROMA	51	—	48	59	1,038	42	1,133
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES						32.2	51,592

FIELD PEA YIELDS BY VARIETY 2010–2014†						RISK AREA 1	
Variety‡	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres
CDC MEADOW	33	—	43	20	2,248	18	1,171
WEIGHTED AVERAGE YIELD AND TOTAL ACRES§						23.7	1,673

‡ On system as of January 5, 2015;
* Assuming 48 lbs./bu.



Premium Liquid Inoculants

Healthier Plants. Better Yields.

SoyRhizo

Inoculant for
soybean



NEW! Powered by AGPT® **NEW!**

PeasRhizo

Inoculant for
pea & lentil



Research Driven. Performance Proven.

XiteBio®

www.xitebio.ca

info@xitebio.ca

1-855-XITEBIO (1-855-948-3246)

Seed Now Pay Later

Much Later.

Use your AgriCard® to purchase qualifying seed at participating seed dealers today, and enjoy no payments, no interest until November 2015.* Find participating dealers, full details and more at agricard.ca/seednowpaylater

AgriCard®
agricard.ca

*Subject to approval by Desjardins Financial Group credit department. If the total amount of a purchase made by way of deferred payment financing is not paid in full on the due date shown on the statement of account, it is automatically converted into a purchase by way of equal installments financing, repayable by equal consecutive monthly payments as to principal and credit charges at the annual interest rate for the equal installments financing plan in effect at the date of conversion. The annual interest rate is currently 11.9% and is calculated from the payment due date shown on the statement of account, until such purchases are paid in full. The number of equal monthly payment plan varies from 12 to 36 monthly payments depending on the balance converted. AgriCard® is a registered trademark of Desjardins Financial Group.

RISK AREA 2

CANOLA YIELDS BY VARIETY 2010-2014†						RISK AREA 2	
Variety‡	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres
5440 (LT)	39	22	31	43	70,270	36	77,630
INVIGOR L130 (LT)	—	26	31	43	68,421	37	52,733
INVIGOR L252 (LT)	—	—	—	—	—	35	32,234
6060RR (RT)	—	—	34	44	12,562	41	16,991
VT 530 G (RT)	—	—	—	—	—	38	12,003
1012RR (RT)	—	—	31	37	26,288	32	11,502
L156H (LT)	—	—	—	40	13,170	39	11,276
CANTERRA 1990 (RT)	—	—	29	44	5,372	36	8,984
INVIGOR L120 (LT)	—	—	32	40	10,991	36	8,317
73-75 RR (RT)	—	—	30	40	36,875	32	8,229
45H31 (RT)	—	—	35	42	4,639	33	7,696
74-44BL (RT)	—	—	—	41	5,069	39	7,337
45H29 (RT)	37	23	32	40	11,166	31	6,623
VT500 (RT)	—	21	28	38	23,177	36	6,463
INVIGOR L261 (LT)	—	—	—	—	—	39	6,328
74-54 RR (RT)	—	—	—	—	—	38	5,113
INVIGOR L140P	—	—	—	—	—	43	4,295
INVIGOR L159 (LT)	—	—	30	43	8,762	39	4,145
DEKALB 74-44 BL (RT)	—	—	—	—	—	37	2,845
2012CL (ST)	—	—	27	36	7,879	32	2,675
73-45RR (RT)	—	19	29	42	5,463	29	2,576
46H75 (ST)	—	—	—	45	1,899	41	2,537
INVIGOR L154 (LT)	—	—	34	45	12,171	36	2,088
INVIGOR L160S	—	—	—	—	—	35	2,021
SY4114 (RT)	—	—	—	—	—	41	1,868
DEKALB 75-45 (RT)	—	—	—	—	—	32	1,601
SY4135	—	—	—	—	—	37	1,566
VR 9560 CL (ST)	—	—	28	42	3,545	32	1,498
PIONEER 45S54 RR (RT)	—	—	—	39	2,165	30	1,283
CANTERRA 1918 (RT)	—	—	—	38	1,080	29	1,128
INVIGOR L150 (LT)	—	27	28	42	14,147	32	845
VR 9559 G (RT)	—	—	22	36	2,292	34	775
VR9561GC	—	—	—	—	—	25	614
72-65 (RT)	36	18	27	—	—	35	610
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						36.3	322,193

WHEAT YIELDS BY VARIETY 2010-2014†						RISK AREA 2	
Variety‡	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres
CARBERRY (RS)	—	33	51	59	92,260	48	93,066
HARVEST (RS)	48	31	49	64	56,281	56	40,949
CDC GO (RS)	49	35	54	62	37,480	52	31,948
GLENN (RS)	43	30	52	59	40,909	49	23,230
MUCHMORE (RS)	—	40	54	67	9,549	52	19,361
FALLER (F)	—	—	—	76	2,657	70	17,106
CARDALE (RS)	—	—	—	—	—	53	15,651
WR 859 CL (RS)	57	32	49	61	17,887	55	11,659
FLOURISH (W)	—	—	—	—	—	34	9,307
CDC STANLEY (RS)	—	—	40	60	10,999	48	5,958
5604HR CL (RS)	—	—	39	55	3,443	45	4,765
PASTEUR (F)	—	—	52	73	6,249	57	4,512
CDC FALCON (W)	66	54	65	54	1,841	48	4,031
VESPER VB (RS)	—	—	45	58	5,430	47	3,185
CDC BUTEO (W)	65	41	59	50	605	56	2,957
KANE (RS)	44	27	43	53	16,984	46	2,905
SNOWSTAR (HWS)	53	28	53	71	2,876	69	2,845
MCKENZIE (RS)	44	30	43	53	6,239	47	1,840
AAC BRANDON (RS)	—	—	—	—	—	67	1,662
CDC PTARMIGAN (W)	84	70	72	—	—	44	1,555
5603 HR (RS)	50	31	43	55	3,274	45	1,429
5602HR (RS)	42	30	42	51	4,089	43	1,332
PROSPER (F)	—	—	—	—	—	63	1,203
AC BARRIE (RS)	47	30	46	57	1,935	46	1,050
CDC VR MORRIS (RS)	—	—	—	61	787	41	796
AAC ICEBERG CWVRS (RS)	—	—	—	—	—	49	794
AC WASKADA (RS)	42	23	40	51	2,409	31	677
EMERSON (W)	—	—	—	—	—	48	630
CDC PLENTIFUL (RS)	—	—	—	—	—	53	616
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						51.3	310,733

SOYBEAN YIELDS BY VARIETY 2010-2014†						RISK AREA 2	
Variety‡	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres
DEKALB 23-10 (RT)	—	—	—	35	7,584	34	18,418
NSC RESTON RR2Y	—	—	—	—	—	37	13,817
PEKKO R2 (RT)	—	—	37	39	6,628	37	8,513
THUNDER 32004R2Y	—	—	42	44	3,908	38	8,343
THUNDER 33003R2Y (RT)	—	—	—	35	1,469	27	4,007
900Y61	—	—	30	38	2,445	34	3,146
900Y71 (RT)	—	—	28	37	676	33	2,972
NSC ANOLA RR2Y	—	—	41	41	1,964	39	1,646
VITO R2	—	—	—	—	—	32	1,600
OAC PRUDENCE	—	—	—	—	—	20	1,047
LS 002R23	—	—	—	—	—	30	765
MCLEOD R2	—	—	—	—	—	33	765
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						34.9	70,609

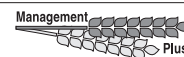
† Yields only for those varieties grown on more than 500 acres and by more than 2 growers;

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

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

‡ On system as of January 5, 2015;

* Assuming 48 lbs./bu.



OATS YIELDS BY VARIETY 2010–2014†						RISK AREA 2	
Variety†	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres
SOURIS	116	80	98	98	5,143	85	8,904
PINNACLE	105	73	76	113	10,097	64	7,480
SUMMIT	—	—	—	117	1,309	93	2,343
LEGGETT	99	90	70	104	1,062	79	1,432
FURLONG	97	—	91	114	1,384	99	1,375
STRIDE	—	—	—	106	522	72	1,069
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§						77.4	24,250

BARLEY* YIELDS BY VARIETY 2010–2014†						RISK AREA 2	
Variety†	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres
CONLON	78	60	71	89	7,581	74	5,434
CELEBRATION	—	40	70	87	8,544	37	3,630
NEWDAL	67	29	50	72	5,638	50	2,766
TRADITION	57	29	56	95	3,983	65	2,228
CDC AUSTENSON	—	—	69	104	2,831	81	1,581
CHAMPION	75	40	73	94	4,919	70	1,493
BENTLEY	—	—	—	83	897	67	1,355
LEGACY	57	—	62	76	1,891	79	735
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§						63.1	21,535

CORN YIELDS BY VARIETY 2010–2014†						RISK AREA 2	
Variety†	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres
PIONEER P7443R (RT)	—	—	132	115	2,616	99	3,664
PIONEER P7213R (RT)	97	—	119	102	3,790	54	1,255
DEKALB DKC26-28RIB (RT)(BT)	—	—	—	120	2,742	95	930
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§						91.2	7,471

FLAX YIELDS BY VARIETY 2010–2014†						RISK AREA 2	
Variety†	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres
CDC BETHUNE	21	11	19	24	5,906	20	3,844
PRAIRIE SAPPHIRE	—	—	—	—	—	26	1,537
CDC SORREL	18	11	17	26	1,372	18	1,427
LIGHTNING	27	—	—	—	—	20	1,187
HANLEY	25	24	15	36	1,182	19	799
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§						21.0	10,330

† Yields only for those varieties grown on more than 500 acres and by more than 2 growers;
§ Weighted Average Yield and Total Acreage include acres not reported in the table.
¶ For additional characteristic codes, see the key at the end of the Risk Area tables.

SUNFLOWER YIELDS BY VARIETY 2010–2014†						RISK AREA 2	
Variety†	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres
SEEDS2000 JAGUAR (ST) (C)	1,045	—	—	—	—	1,453	2,449
SEEDS2000 6946 (C)	1,281	1,400	2,220	1,695	2,065	1,213	1,782
SEEDS2000 6946 DMR (C)	—	—	2,141	1,565	2,517	1,627	1,386
SEEDS2000 PANTHER DMR (C)	—	—	—	—	—	1,854	920
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§						1387.3	9,417

FIELD PEA YIELDS BY VARIETY 2010–2014†						RISK AREA 2	
Variety†	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres
CDC MEADOW	36	—	41	47	2,018	32	2,276
CROMA	50	—	48	59	1,038	42	1,132
CDC GOLDEN	30	—	—	—	—	27	1,100
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§						32.6	5,367

RISK AREA 3

CANOLA YIELDS BY VARIETY 2010–2014†						RISK AREA 3	
Variety†	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres
5440 (LT)	34	23	23	39	18,117	35	18,170
INVIGOR L130 (LT)	—	20	26	40	14,864	33	15,336
1012RR (RT)	—	23	26	39	24,066	33	9,907
45H29 (RT)	35	23	25	42	7,966	35	8,256
INVIGOR L252 (LT)	—	—	—	—	—	36	7,296
INVIGOR L159 (LT)	—	—	25	37	7,956	34	6,891
6060RR (RT)	—	28	24	34	4,534	29	6,229
45H31 (RT)	—	—	28	39	3,708	32	5,877
46H75 (ST)	—	—	22	38	3,482	32	4,743
INVIGOR L154 (LT)	—	—	25	46	3,356	36	3,389
74-54 RR (RT)	—	—	—	—	—	35	3,071
CANTERRA 1990 (RT)	—	—	27	—	—	35	2,682
INVIGOR L120 (LT)	—	—	24	35	3,363	25	2,499
L156H (LT)	—	—	—	39	1,801	30	2,098
INVIGOR L140P	—	—	—	—	—	36	2,029
VT500 (RT)	—	22	27	36	2,591	28	1,735
73-75 RR (RT)	—	—	23	39	4,958	28	1,646
VR 9560 CL (ST)	—	—	28	32	3,261	23	1,524
2012CL (ST)	—	11	22	39	2,422	22	1,508

† On system as of January 5, 2015;
* Assuming 48 lbs./bu.



STRONG. VIGOROUS. DEPENDABLE.

Our passion
and expertise
is cereal crops.

It's all we do.

2400-333 MAIN ST.
WINNIPEG, MB
1-877-270-2890
FAX: 204-272-2893
ALLIANCESEED.COM

NOW AVAILABLE

CANADA WESTERN
RED SPRING
WHEAT
AAC ELIE

CANADA WESTERN
AMBER DURUM
WHEAT
AAC CURRENT

Trusted

*Working hard...
to earn your trust!*

SOURIS OAT DEALERS

John M. Smith Agassiz Seed Farm Ltd. Bergen Seed Farm Boissevain Select Seeds Clearview Acres* Darcy Miller* Durand Seeds Inc* Ellis Seeds* Ens Farms Ltd.* Fisher Seeds Ltd. Friesen Seeds Ltd.* Froese Seed Gagnon Seed Service* HB Agro* Hulme Agra Products Inc.* James Farms Ltd Jeffries Seeds* MB Seeds* Nickel Bros. Pitura Seed Service* Pugh Seeds Ltd.* Red River Seeds Redsper Ent. RUP Seeds R-Way Ag. Ltd.* Sask-Can Parent Seine River Seeds* Shanawan Farms Ltd. Smith Family Seeds* Swan Valley Seeds* Timchishen Seeds Triple "S" Seeds* Wilson Seeds Ltd.*	Seed Depot Homewood, MB Sanford, MB Boissevain, MB Virden, MB Oakville, MB Notre Dame, MB Wawanesa, MB Winkler, MB Dauphin, MB Morris, MB Altona, MB St. Rose du lac, MB Killarney, MB MacGregor, MB Winnipeg, MB Glenboro, MB Lowe Farm, MB Solgirth, MB Domain, MB Portage, MB Morris, MB Rivers, MB Carman, MB St. Claude, MB St. Joseph, MB St. Anne, MB Domain, MB Pilot Mound, MB Swan River, MB Arborg, MB Grandview, MB Darlingford, MB	825-2000 745-2868 736-2278 534-6846 748-2666 267-2363 248-2268 824-2290 325-4658 622-8800 746-8325 324-5037 447-2118 523-7464 685-2627 222-8785 827-2102 746-2187 842-3786 736-2849 274-2179 746-4779 328-5346 745-3304 379-2582 737-3004 355-4495 736-2951 825-7810 734-2526 376-5116 546-2590 246-2388
---	---	--

Souris

White Milling Oats

Earlier - Shorter - Heavier

- ✓ MB's favourite Oat since 2011
- ✓ Shortest Oat on the market
- ✓ 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
• Preferred by Emerson Milling & Quaker Oats
- ✓ Excellent Disease package
 - Best Crown Rust resistance
 - MR to Stem Rust

**For best returns,
choose Certified seed.**

seeddepot.ca

CANOLA YIELDS BY VARIETY 2010–2014†						RISK AREA 3	
Variety¶	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres
74-44BL (RT)	—	—	—	33	1,628	32	1,462
INVIGOR L261 (LT)	—	—	—	—	—	32	1,360
CANTERRA 1950 (RT)	—	—	—	—	—	21	1,185
5525 CL (ST)	17	—	—	37	1,451	37	990
PIONEER 45S54 RR (RT)	—	—	—	41	2,733	31	883
CANTERRA 1970 (RT)	—	—	22	—	—	32	746
INVIGOR L160S	—	—	—	—	—	38	648
VICTORY V2045 (RT)	—	—	—	32	1,646	21	582
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§						32.5	116,780

WHEAT YIELDS BY VARIETY 2010–2014†						RISK AREA 3	
Variety¶	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres
CARBERRY (RS)	—	—	48	56	30,727	41	25,998
GLENN (RS)	38	27	39	50	24,668	40	15,997
HARVEST (RS)	36	27	42	61	13,680	40	13,649
5604HR CL (RS)	—	—	47	57	8,639	40	9,744
CARDALE (RS)	—	—	—	—	—	38	9,624
FLOURISH (W)	—	—	—	—	—	34	5,409
PASTEUR (F)	—	—	—	62	1,916	47	5,244
CDC UTMOST (RS)	—	—	46	63	4,596	47	5,169
UNITY VB (RS)	43	35	41	44	6,752	32	2,311
KANE (RS)	37	31	43	56	3,737	36	2,123
CDC GO (RS)	38	23	—	—	—	62	2,054
AC BARRIE (RS)	38	36	41	58	4,903	40	1,656
CDC BUTEO (W)	62	30	56	45	2,432	40	1,472
VESPER VB (RS)	—	—	—	66	1,105	41	1,240
5602HR (RS)	40	—	37	51	3,037	28	1,201
CDC FALCON (W)	55	30	67	—	—	32	1,185
SY433 (RS)	—	—	—	—	—	32	810
AAC BRANDON (RS)	—	—	—	—	—	53	806
CDC STANLEY (RS)	—	—	—	55	4,765	41	780
CDC VR MORRIS (RS)	—	—	—	—	—	44	669
FALLER (F)	—	—	—	—	—	67	598
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§						40.7	111,573

SOYBEAN YIELDS BY VARIETY 2010–2014†						RISK AREA 3	
Variety¶	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres
THUNDER 33003R2Y (RT)	—	—	—	28	1,256	30	2,631
NSC RESTON RR2Y	—	—	—	—	—	28	1,767
DEKALB 23-10 (RT)	—	—	—	—	—	26	943
THUNDER 32004R2Y	—	—	33	24	1,802	32	674
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§						26.8	8,317

OATS YIELDS BY VARIETY 2010–2014†						RISK AREA 3	
Variety¶	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres
SOURIS	99	49	66	103	4,020	65	4,140
TRIACOR	—	72	49	87	2,915	48	1,851
PINNACLE	72	—	47	70	2,233	42	1,271
SUMMIT	—	—	—	—	—	80	1,075
CDC DANCER	61	44	42	86	848	32	641
LEGGETT	86	26	46	80	1,771	10	531
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§						55.1	10,835

BARLEY* YIELDS BY VARIETY 2010–2014†						RISK AREA 3	
Variety¶	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres
CDC AUSTENSON	—	—	—	92	3,049	37	3,506
CONLON	38	32	40	72	5,563	45	2,997
CHAMPION	68	—	45	65	2,467	37	2,091
BENTLEY	—	—	—	74	3,002	43	1,986
NEWDALE	52	25	49	79	4,431	40	1,772
CDC COPELAND	47	22	43	72	1,359	41	1,156
AC METCALFE	47	22	38	70	2,849	29	1,130
CDC COWBOY	38	21	28	58	994	20	712
CDC TREY	56	39	49	—	—	52	530
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§						38.6	17,345

CORN YIELDS BY VARIETY 2010–2014†						RISK AREA 3	
Variety¶	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres
PIONEER P7213R (RT)	—	—	—	91	852	73	539
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§						80.8	1,184

FLAX YIELDS BY VARIETY 2010–2014†						RISK AREA 3	
Variety¶	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres
CDC SORREL	15	—	11	28	1,905	13	1,347
CDC GLAS	—	—	—	—	—	24	871
WESTLIN 70	—	—	—	—	—	27	672
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§						20.5	4,745

FIELD PEA YIELDS BY VARIETY 2010–2014†						RISK AREA 3	
Variety¶	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres
CDC MEADOW	30	25	32	45	2,115	28	3,414
4010	—	—	—	—	—	25	1,430
AGASSIZ	40	19	40	48	885	23	852
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§						26.4	6,555

RISK AREA 4

CANOLA YIELDS BY VARIETY 2010–2014†						RISK AREA 4	
Variety¶	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres
5440 (LT)	40	30	30	47	26,144	41	37,972
INVIGOR L130 (LT)	—	30	31	47	26,993	41	29,400
INVIGOR L252 (LT)	—	—	—	—	—	45	12,783
1012RR (RT)	—	23	30	41	23,236	34	11,784
L156H (LT)	—	—	—	46	6,863	40	10,106
INVIGOR L159 (LT)	—	—	30	45	9,219	43	7,867
CANTERRA 1990 (RT)	—	—	—	48	1,517	34	5,591
45H29 (RT)	33	22	33	40	5,507	39	5,083
VT500 (RT)	—	19	26	40	10,368	31	4,928
73-75 RR (RT)	—	—	31	42	14,491	37	4,628
INVIGOR L120 (LT)	—	—	30	49	4,709	37	4,614
45H31 (RT)	—	—	29	42	5,399	39	4,512
INVIGOR L261 (LT)	—	—	—	—	—	41	4,362
INVIGOR L150 (LT)	—	30	29	46	14,655	42	3,463
74-54 RR (RT)	—	—	—	—	—	33	3,019
VT 530 G (RT)	—	—	—	—	—	39	2,782
INVIGOR L140P	—	—	—	—	—	42	2,749
INVIGOR L154 (LT)	—	—	27	51	5,839	44	2,088
6060RR (RT)	—	24	31	42	1,536	34	1,995
SY4135	—	—	—	—	—	39	1,747
VICTORY V2045 (RT)	—	—	—	38	6,454	32	1,739
73-45RR (RT)	—	24	29	42	3,110	32	1,710
INVIGOR L160S	—	—	—	—	—	45	1,700
74-44BL (RT)	—	—	—	42	959	38	1,681
46H75 (ST)	—	—	—	46	1,620	37	1,342
VR 9560 CL (ST)	—	—	33	40	1,139	44	1,220
2012CL (ST)	—	30	32	36	9,199	24	1,202
CANTERRA 1970 (RT)	—	—	29	38	2,046	33	945
D3153 (RT)	—	—	—	40	810	31	927
DEKALB 74-44 BL (RT)	—	—	—	43	620	41	876
45H76 (ST)	—	—	—	—	—	55	626
CANTERRA 1918 (RT)	—	—	—	34	1,392	26	523
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§						39.2	180,800

WHEAT YIELDS BY VARIETY 2010–2014†						RISK AREA 4	
Variety¶	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres
CARBERRY (RS)	—	—	49	60	53,335	48	57,175
GLENN (RS)	46	40	49	60	33,630	47	25,821
HARVEST (RS)	51	41	46	68	17,459	56	11,773
MUCHMORE (RS)	—	—	—	73	8,667	58	8,630
CDC STANLEY (RS)	—	—	—	59	12,996	47	8,583
CARDALE (RS)	—	—	—	64	514	50	8,352
WR 859 CL (RS)	34	37	47	63	10,493	48	7,835
AC DOMAIN (RS)	49	41	39	60	7,824	46	6,553
KANE (RS)	42	38	38	55	19,378	44	6,029
PASTEUR (F)	—	—	57	71	5,111	53	5,906
FLOURISH (W)	—	—	—	—	—	46	3,807
AC BARRIE (RS)	41	41	36	58	6,688	54	3,475
FALLER (F)	—	—	—	—	—	76	3,255
CDC FALCON (W)	70	60	63	60	5,390	62	3,050
WHITEHAWK (HWS)	—	—	—	—	—	35	2,811
CDC VR MORRIS (RS)	—	—	—	49	810	52	1,657
CDC UTMOST (RS)	—	—	38	59	3,879	39	1,457
CDC GO (RS)	48	42	56	65	1,369	50	1,428
CDC BUTEO (W)	52	51	54	59	2,930	43	1,426
SY433 (RS)	—	—	—	—	—	42	1,213
MCKENZIE (RS)	34	—	47	55	1,094	39	1,161
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§						49.2	177,119

SOYBEAN YIELDS BY VARIETY 2010–2014†						RISK AREA 4	
Variety¶	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres
THUNDER 33003R2Y (RT)	—	—	—	43	1,717	33	5,650
DEKALB 23-10 (RT)	—	—	—	38	5,120	34	4,583
THUNDER 32004R2Y	—	—	41	40	5,003	38	4,177
NSC RESTON RR2Y	—	—	—	—	—	35	3,911
900Y61	—	—	11	38	1,686	30	2,398
PEKKO R2 (RT)	—	—	—	35	2,773	33	2,361
NSC ANOLA RR2Y	—	—	34	40	2,082	38	2,050
900Y71 (RT)	—	—	26	—	—	40	1,453
LS004R21	—	—	36	37	1,434	28	1,373
NSC MOOSOMIN RR2Y	—	—	—	—	—	40	1,335
90Y61 (RT)	—	—	—	—	—	29	1,038
VITO R2	—	—	—	—	—	32	970
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§						34.0	35,867

† Yields only for those varieties grown on more than 500 acres and by more than 2 growers;
§ Weighted Average Yield and Total Acreage include acres not reported in the table.
¶ For additional characteristic codes, see the key at the end of the Risk Area tables.

‡ On system as of January 5, 2015;
* Assuming 48 lbs./bu.





SeCan

Canada's Seed Partner

AC[®] Carberry

CWRS Wheat

Setting the pace.

Start strong. Finish fast.

- ✓ Very short, strong straw
- ✓ Fast, efficient harvest
- ✓ MR to fusarium
- ✓ Great fit for intensive management

Genes that fit *your* farm.[®]

800-665-7333

www.secan.com



Developed by Agriculture & Agri-Food Canada, Swift Current.
'AC' is an official mark used under license from Agriculture & Agri-Food Canada.
Genes that fit *your* farm[®] is a registered trademark of SeCan.

OATS YIELDS BY VARIETY 2010–2014†						RISK AREA 4	
Variety‡	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres
SOURIS	109	64	63	104	5,549	80	7,681
FURLONG	82	69	40	94	864	72	1,259
PINNACLE	73	75	54	83	1,252	39	1,017
SUMMIT	—	—	63	—	—	69	632
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						72.0	12,909

BARLEY* YIELDS BY VARIETY 2010–2014†						RISK AREA 4	
Variety‡	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres
CONLON	68	53	56	67	12,664	57	12,379
NEWDALÉ	50	32	53	76	9,112	54	4,455
CHAMPION	—	—	48	74	3,266	52	2,985
CDC AUSTENSON	—	—	66	87	1,322	63	2,843
CELEBRATION	—	—	—	74	2,931	62	2,650
AC METCALFE	59	47	41	64	1,164	48	1,834
LACEY	53	55	49	68	746	54	910
CDC MEREDITH	—	—	47	90	1,928	53	569
CDC COWBOY	56	50	20	41	1,229	37	533
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						55.9	31,439

CORN YIELDS BY VARIETY 2010–2014†						RISK AREA 4	
Variety‡	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres
PIONEER P7443R (RT)	—	—	105	120	7,143	88	5,267
PIONEER 39D95 (RT)	89	89	102	125	2,351	109	2,484
PIONEER P7213R (RT)	85	88	94	114	3,572	62	2,310
DEKALB DKC26-28RIB (RT)(BT)	—	—	—	134	3,604	103	2,025
PIONEER P7332R	—	—	—	—	—	91	1,147
P7632HR (BT)(RT)	—	—	—	—	—	79	538
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						88.9	17,795

FLAX YIELDS BY VARIETY 2010–2014†						RISK AREA 4	
Variety‡	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres
CDC BETHUNE	20	23	18	32	4,861	20	5,669
LIGHTNING	26	23	17	29	2,213	26	3,175
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						21.4	10,160

SUNFLOWER YIELDS BY VARIETY 2010–2014†						RISK AREA 4	
Variety‡	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres
8N270CLDM (O)	—	—	1,477	1,973	1,023	1,567	1,009
P63ME70 (O)	—	—	—	2,154	1,469	1,832	824
SEEDS2000 6946 (C)	1,204	1,338	2,030	1,168	679	1,843	780
SEEDS2000 JAGUAR (ST) (C)1,488	—	2,061	—	—	—	1,768	676
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						1843.4	6,884

FIELD PEA YIELDS BY VARIETY 2010–2014†						RISK AREA 4	
Variety‡	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres
CDC MEADOW	31	28	40	50	2,924	33	2,720
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						31.6	4,573

RISK AREA 5

CANOLA YIELDS BY VARIETY 2010–2014†						RISK AREA 5	
Variety‡	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres
INVIGOR L130 (LT)	—	35	33	50	67,343	46	55,747
5440 (LT)	46	36	31	51	40,944	46	41,698
INVIGOR L252 (LT)	—	—	—	—	—	50	38,330
73-75 RR (RT)	—	—	32	47	39,230	42	21,100
45H29 (RT)	48	36	33	48	14,930	44	13,443
L156H (LT)	—	—	—	51	8,777	51	13,323
CANTERRA 1990 (RT)	—	—	30	47	7,501	46	12,336
1012RR (RT)	—	32	32	44	36,024	39	12,207
INVIGOR L261 (LT)	—	—	—	—	—	47	10,057
6060RR (RT)	—	38	29	50	6,090	45	9,964
VT500 (RT)	—	27	31	42	17,143	39	9,917
VICTORY V2045 (RT)	—	—	—	44	15,589	44	9,622
INVIGOR L120 (LT)	—	—	31	49	17,553	46	9,140
74-54 RR (RT)	—	—	—	—	—	46	8,373
74-44BL (RT)	—	—	—	47	3,457	46	7,504
46H75 (ST)	—	—	—	56	1,010	45	5,725
INVIGOR L159 (LT)	—	—	30	45	19,173	48	5,644
INVIGOR L140P	—	—	—	—	—	49	4,474
VR 9560 CL (ST)	—	—	29	41	7,712	46	4,242
VT 530 G (RT)	—	—	—	—	—	39	4,072
INVIGOR L154 (LT)	—	—	34	53	7,991	52	3,983
45H31 (RT)	—	—	31	48	1,716	43	3,844
73-45RR (RT)	30	35	29	44	6,780	44	3,684
SY4135	—	—	—	—	—	45	2,769

† Yields only for those varieties grown on more than 500 acres and by more than 2 growers;

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

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

CANOLA YIELDS BY VARIETY 2010–2014†						RISK AREA 5	
Variety‡	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres
45H75	—	—	—	—	—	45	2,112
DEKALB 74-44 BL (RT)	—	—	—	49	1,686	48	2,094
6044RR	—	—	—	—	—	44	1,754
72-65 (RT)	41	33	26	43	2,522	42	1,655
D3153 (RT)	—	—	29	49	1,207	36	1,529
CANTERRA 1970 (RT)	—	37	32	49	3,643	47	1,363
CANTERRA 1918 (RT)	—	—	—	43	907	37	1,312
2016 CL	—	—	34	43	4,378	37	1,267
INVIGOR L150 (LT)	—	37	31	48	9,607	49	966
INVIGOR L160S	—	—	—	—	—	43	775
VR 9559 G (RT)	—	—	30	44	3,522	38	606
PIONEER 45S52 (RT)	—	31	25	44	2,396	41	583
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						45.5	338,127

WHEAT YIELDS BY VARIETY 2010–2014†						RISK AREA 5	
Variety‡	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres
CARBERRY (RS)	—	46	50	62	118,059	58	92,135
HARVEST (RS)	59	45	50	66	86,987	66	77,984
CARDALE (RS)	—	—	—	80	1,577	65	34,507
GLENN (RS)	50	42	51	63	21,231	59	13,797
5604HR CL (RS)	—	—	52	60	7,307	58	10,436
PASTEUR (F)	—	—	58	74	5,054	70	10,019
FALLER (F)	—	—	—	87	4,454	79	9,817
WR 859 CL (RS)	—	39	53	63	10,960	56	9,279
FLOURISH (W)	—	—	—	61	2,015	58	8,519
KANE (RS)	50	39	45	57	16,208	59	7,535
CDC FALCON (W)	72	65	63	55	15,214	54	7,327
PROSPER (F)	—	—	—	—	—	89	6,094
AAC BRANDON (RS)	—	—	—	—	—	71	2,720
AC DOMAIN (RS)	50	38	44	52	8,391	51	2,529
CDC VR MORRIS (RS)	—	—	—	—	—	54	2,505
VESPER VB (RS)	—	—	—	52	2,350	49	1,701
CDC STANLEY (RS)	—	—	53	65	4,756	61	1,338
CDC UTMOST (RS)	—	—	56	57	580	59	1,283
MUCHMORE (RS)	—	—	43	78	820	69	1,235
SNOWSTAR (HWS)	55	60	58	69	1,291	62	1,130
CDC BUEO (W)	73	68	57	42	683	43	847
MCCLINTOCK (W)	82	61	53	—	—	62	652
AC BARRIE (RS)	45	34	43	50	1,109	48	646
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						62.1	309,262

SOYBEAN YIELDS BY VARIETY 2010–2014†						RISK AREA 5	
Variety‡	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres
DEKALB 23-10 (RT)	—	—	—	35	4,361	33	9,201
900Y61	—	—	31	39	3,361	32	7,599
THUNDER 32004R2Y	—	—	—	33	1,839	39	5,952
24-10RY	—	—	—	38	1,779	38	5,841
LS 002R23	—	—	—	44	518	36	5,600
NSC RESTON RR2Y	—	—	—	—	—	32	4,874
MCLEOD R2	—	—	—	—	—	33	2,869
NSC ELIE RR2Y (RT)	—	—	—	39	1,905	33	2,529
PEKKO R2 (RT)	—	—	35	41	2,213	33	2,223
VITO R2	—	—	—	—	—	29	2,112
LS003R22	—	—	30	22	2,224	35	2,004
LS004R21	—	—	35	42	1,878	38	1,749
900Y71 (RT)	—	28	34	42	1,319	31	1,603
DEKALB 23-60 RY (RT)	—	—	—	—	—	36	1,449
LS002R24N	—	—	—	—	—	35	1,409
LEGEND LS003R24N (RT)	—	—	—	—	—	40	942
DEKALB 23-60 (RT)	—	—	—	—	—	31	881
HS 006RYS24	—	—	—	40	507	35	822
PIONEER P002T04R	—	—	—	—	—	33	702
NSC ANOLA RR2Y	—	—	—	37	742	33	666
THUNDER 33005R2Y	—	—	—	—	—	37	646
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						34.3	68,623

OATS YIELDS BY VARIETY 2010–2014†						RISK AREA 5	
Variety‡	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres
SOURIS	110	96	89	120	7,508	108	10,688
FURLONG	106	85	77	117	5,528	93	5,359
SUMMIT	—	—	—	110	586	108	2,086
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						103.2	18,809

BARLEY* YIELDS BY VARIETY 2010–2014†						RISK AREA 5	
Variety‡	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres
CONLON	77	50	64	88	26,836	80	19,314
NEWDALÉ	76	51	61	90	8,059	84	3,956
TRADITION	67	54	63	94	2,991	81	2,232
ROBUST	75	49	43	89	3,550	83	2,171
BENTLEY	—	60	48	94	3,979	78	2,101

‡ On system as of January 5, 2015;

* Assuming 48 lbs./bu.

MANITOBA READY

GROWN TESTED PROVEN

As a Farmer in Western Canada, you need a quality seed that can stand up against all northern elements. Using the best genetics and newest traits, Legend Seeds varieties have been bred to produce high yielding, early-maturing crops for the most important farm - yours.



To learn more about Legend Seeds or find your closest dealer, visit
legendseeds.ca



**Legend
Seeds**

Canada

BARLEY* YIELDS BY VARIETY 2010–2014†							RISK AREA 5	
Variety‡	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres	
CDC MEREDITH	—	—	55	82	2,626	84	1,565	
CDC AUSTENSON	—	—	—	96	1,080	78	1,375	
CELEBRATION	—	—	66	85	3,039	85	1,217	
AC METCALFE	69	—	58	83	737	76	995	
CHAMPION	83	47	58	94	630	85	861	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§						80.7	38,124	

CORN YIELDS BY VARIETY 2010–2014†							RISK AREA 5	
Variety‡	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres	
PIONEER P7443R (RT)	—	—	119	126	2,829	99	2,543	
PIONEER 39D95 (RT)	117	109	111	127	4,067	118	1,710	
PIONEER P7213R (RT)	—	78	88	119	1,221	92	1,055	
PIONEER P7332R	—	—	—	—	—	77	663	
HYLAND 3093 (RT)	—	—	—	107	546	116	639	
PIONEER 39V05 (RT)	—	—	—	129	654	118	602	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§						104.0	10,112	

DRY BEAN YIELDS BY VARIETY 2010–2014†							RISK AREA 5	
Variety‡	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres	
T9905 (WHITE PEA)	2,233	2,216	2,004	2,372	1,869	2,145	5,522	
INDI (WHITE PEA)	—	—	—	—	—	1,927	801	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§						1982.5	8,606	

FLAX YIELDS BY VARIETY 2010–2014†							RISK AREA 5	
Variety‡	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres	
LIGHTNING	26	24	17	38	1,797	29	3,919	
CDC BETHUNE	22	19	21	31	1,971	25	1,749	
CDC SORREL	19	22	17	28	510	25	1,071	
CDC GLAS	—	—	—	—	—	31	995	
HANLEY	23	21	18	27	843	27	666	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§						28.2	9,145	

SUNFLOWER YIELDS BY VARIETY 2010–2014†							RISK AREA 5	
Variety‡	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres	
SEEDS2000 6950 (C)	—	—	—	—	—	1,942	1,567	
SEEDS2000 PANTHER DMR (C)	—	—	—	—	—	2,112	1,483	
CHS RH 400CL (CL) (C)	—	—	—	2,628	1,626	1,836	1,397	
SEEDS2000 PANTHER (C)	—	—	2,035	—	—	2,026	1,371	
SEEDS2000 6946 DMR (C)	—	—	—	1,958	847	1,799	859	
P63ME70 (O)	—	—	—	1,942	524	1,411	604	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§						1937.7	13,109	

FIELD PEA YIELDS BY VARIETY 2010–2014†							RISK AREA 5	
Variety‡	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres	
CDC MEADOW	46	42	44	56	1,871	52	1,880	
AGASSIZ	42	53	57	55	765	48	1,626	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§						51.4	4,665	

RISK AREA 6

CANOLA YIELDS BY VARIETY 2010–2014†							RISK AREA 6	
Variety‡	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres	
5440 (LT)	38	27	33	51	34,066	39	44,576	
1012RR (RT)	—	27	36	46	57,400	36	37,581	
INVIGOR L130 (LT)	—	28	33	50	43,914	38	36,513	
INVIGOR L252 (LT)	—	—	—	—	—	41	25,238	
45H29 (RT)	37	25	33	46	18,213	37	13,187	
74-44BL (RT)	—	—	—	45	3,429	35	10,897	
74-54 RR (RT)	—	—	—	—	—	35	9,763	
45H31 (RT)	—	—	32	48	6,595	38	9,631	
73-75 RR (RT)	—	28	32	43	25,596	34	9,618	
CANTERRA 1990 (RT)	—	—	30	46	4,638	35	8,251	
L156H (LT)	—	—	—	48	10,745	33	7,743	
6060RR (RT)	—	25	34	46	6,254	32	7,130	
INVIGOR L150 (LT)	—	30	32	49	27,532	37	6,593	
INVIGOR L261 (LT)	—	—	—	—	—	39	6,522	
D3153 (RT)	—	—	29	42	6,981	35	5,936	
INVIGOR L154 (LT)	—	—	35	52	10,350	39	5,828	
2012CL (ST)	—	18	29	43	7,073	34	4,902	
46H75 (ST)	—	—	34	45	7,944	38	4,735	
PIONEER 45S54 RR (RT)	—	—	—	43	4,741	35	4,525	
INVIGOR L159 (LT)	—	—	—	47	6,575	38	4,353	
INVIGOR L140P	—	—	—	—	—	36	3,946	
VT 530 G (RT)	—	—	—	—	—	34	3,676	
VT500 (RT)	—	27	31	42	10,955	33	3,413	
INVIGOR L120 (LT)	—	—	31	43	2,987	37	3,214	

† Yields only for those varieties grown on more than 500 acres and by more than 2 growers;
 § Weighted Average Yield and Total Acreage include acres not reported in the table.
 ‡ For additional characteristic codes, see the key at the end of the Risk Area tables.

CANOLA YIELDS BY VARIETY 2010–2014†							RISK AREA 6	
Variety‡	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres	
VICTORY V2045 (RT)	—	—	—	37	1,694	32	3,088	
VR 9560 CL (ST)	—	—	31	42	3,937	42	2,677	
73-45RR (RT)	—	26	30	41	3,963	33	2,595	
VR 9562 GC (RT)	—	—	—	—	—	31	2,295	
45H75	—	—	—	56	693	34	2,124	
INVIGOR L160S	—	—	—	—	—	37	2,118	
46A76 (ST)	19	12	16	28	1,856	34	1,797	
CANTERRA 1970 (RT)	—	—	29	43	1,988	37	1,716	
6044RR	—	—	—	—	—	37	1,630	
D3154S (RT)	—	—	—	—	—	36	1,498	
DEKALB 74-44 BL (RT)	—	—	—	45	1,256	40	1,389	
SY4135	—	—	—	—	—	40	1,366	
SW WIZZARD	—	—	—	21	509	11	1,249	
1016 (RT)	—	—	—	39	1,205	33	1,227	
45H73 (ST)	34	20	28	36	846	41	977	
DEKALB 75-45 (RT)	—	—	—	—	—	33	810	
CANTERRA 1918 (RT)	—	—	—	33	885	25	721	
2016 CL	—	—	—	45	1,432	27	677	
46A65	—	—	—	—	—	25	634	
45H76 (ST)	—	—	33	—	—	35	619	
VR9561GC	—	—	—	—	—	38	608	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§						36.7	318,169	

WHEAT YIELDS BY VARIETY 2010–2014†							RISK AREA 6	
Variety‡	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres	
CARBERRY (RS)	—	44	56	66	78,896	46	79,756	
GLENN (RS)	44	41	52	65	73,436	46	51,808	
HARVEST (RS)	41	41	52	75	24,523	52	27,305	
MUCHMORE (RS)	—	—	—	72	6,265	52	15,290	
CARDALE (RS)	—	—	—	72	821	48	13,741	
CDC UTMOST (RS)	—	—	57	70	16,551	49	11,704	
WR 859 CL (RS)	48	40	53	65	22,265	47	8,052	
KANE (RS)	41	37	48	61	20,410	40	6,558	
CDC VR MORRIS (RS)	—	—	—	—	—	46	5,967	
PASTEUR (F)	—	—	59	80	8,683	56	5,834	
FLOURISH (W)	—	—	—	—	—	57	5,780	
AC DOMAIN (RS)	39	35	45	59	8,844	42	4,938	
CDC STANLEY (RS)	—	—	52	66	11,947	46	4,815	
5602HR (RS)	41	42	47	59	6,457	34	4,464	
5604HR CL (RS)	—	—	46	65	2,471	50	3,711	
CDC BUTEO (W)	57	51	55	53	1,296	48	3,127	
CDC GO (RS)	47	45	59	75	3,033	58	2,641	
AC INTREPID (RS)	42	38	49	58	1,974	41	2,002	
AAC BRANDON (RS)	—	—	—	—	—	48	1,111	
CDC FALCON (W)	70	63	59	39	988	52	934	
AC BARRIE (RS)	39	41	40	52	2,272	39	861	
AC WASKADA (RS)	36	29	44	43	737	24	827	
AC SPLENDOR (RS)	31	27	31	—	—	33	793	
SUNRISE (W)	—	—	—	—	—	69	643	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§						47.4	269,087	

SOYBEAN YIELDS BY VARIETY 2010–2014†							RISK AREA 6	
Variety‡	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres	
THUNDER 33003R2Y (RT)	—	—	—	—	—	30	3,613	
NSC RESTON RR2Y	—	—	—	—	—	27	2,548	
DEKALB 23-10 (RT)	—	—	—	34	925	34	2,100	
VITO R2	—	—	—	—	—	23	1,985	
900Y61	—	—	—	31	1,123	33	894	
PEKKO R2 (RT)	—	—	—	31	1,338	31	830	
NSC MOOSOMIN RR2Y	—	—	—	—	—	30	507	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§						29.7	16,222	

OATS YIELDS BY VARIETY 2010–2014†							RISK AREA 6	
Variety‡	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres	
SOURIS	79	71	87	116	7,663	70	7,729	
SUMMIT	—	—	94	133	2,973	97	4,387	
LEGGETT	87	65	71	113	1,772	76	1,719	
TRIACTOR	—	—	85	121	2,105	87	1,358	
CDC DANCER	105	68	82	95	2,753	60	831	
PINNACLE	105	77	70	124	676	91	802	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§						75.7	18,738	

BARLEY* YIELDS BY VARIETY 2010–2014†						RISK AREA 6	
Variety‡	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres
CDC AUSTENSON	—	—	63	103	5,025	62	10,154
NEWDALE	50	29	52	90	8,665	52	6,732
CONLON	45	47	55	94	5,287	64	5,356
AC METCALFE	50	38	46	76	6,688	44	5,195
CHAMPION	77	—	71	94	2,819	54	2,566
CDC COPELAND	54	—	50	100	890	78	2,046

BARLEY* YIELDS BY VARIETY 2010–2014†							RISK AREA 6	
Variety¶	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres	
STELLAR-ND	—	43	59	105	1,884	67	1,526	
CDC TREY	48	35	44	63	1,267	56	932	
LEGACY	55	32	56	74	1,009	40	863	
CELEBRATION	—	—	68	92	3,766	59	800	
CDC COWBOY	36	31	48	63	1,441	39	790	
CDC COALITION	—	34	—	102	669	45	629	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§							56.7	39,281

FLAX YIELDS BY VARIETY 2010–2014†							RISK AREA 6	
Variety¶	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres	
CDC BETHUNE	20	20	21	32	3,905	20	6,275	
CDC SORREL	21	19	19	32	3,121	23	4,130	
LIGHTNING	—	—	25	29	1,933	22	2,401	
CDC GLAS	—	—	—	—	—	23	1,048	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§							21.7	15,342

FIELD PEA YIELDS BY VARIETY 2010–2014†							RISK AREA 6	
Variety¶	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres	
CDC MEADOW	36	23	44	52	4,441	23	2,517	
AGASSIZ	40	—	44	59	1,409	31	1,140	
CDC STRIKER	—	—	—	—	—	17	703	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§							24.9	7,308

RISK AREA 7

CANOLA YIELDS BY VARIETY 2010–2014†							RISK AREA 7	
Variety¶	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres	
1012RR (RT)	—	35	32	45	42,593	38	35,133	
INVIGOR L130 (LT)	—	27	31	49	16,691	41	27,210	
5440 (LT)	41	29	30	49	16,985	41	16,673	
CANTERRA 1990 (RT)	—	—	21	49	3,811	36	10,159	
INVIGOR L252 (LT)	—	—	—	—	—	45	9,963	
74-54 RR (RT)	—	—	—	—	—	36	8,778	
D3153 (RT)	—	—	31	41	8,279	32	8,242	
45H29 (RT)	39	33	28	43	9,219	37	7,361	
INVIGOR L154 (LT)	—	—	31	49	8,349	41	7,260	
45H31 (RT)	—	—	—	47	1,280	36	4,616	
6060RR (RT)	—	27	28	40	2,375	38	3,392	
L156H (LT)	—	—	—	52	2,531	40	2,959	
INVIGOR L261 (LT)	—	—	—	—	—	41	2,800	
45H75	—	—	—	—	—	43	2,452	
INVIGOR L140P	—	—	—	—	—	43	2,230	
74-44BL (RT)	—	—	—	49	2,550	37	2,207	
73-75 RR (RT)	—	—	30	44	7,750	37	2,071	
46H75 (ST)	—	—	34	46	3,678	42	2,029	
INVIGOR L150 (LT)	—	29	29	47	12,700	38	1,997	
CANTERRA 1950 (RT)	34	26	—	29	1,527	27	1,744	
VT500 (RT)	—	22	25	38	1,343	31	1,543	
D3154S (RT)	—	—	—	—	—	35	1,474	
INVIGOR L120 (LT)	—	—	25	47	939	42	1,390	
PIONEER 45S54 RR (RT)	—	—	—	40	2,596	39	1,329	
VICTORY V2045 (RT)	—	—	—	—	—	29	1,275	
DEKALB 74-44 BL (RT)	—	—	—	48	826	38	948	
72-65 (RT)	38	28	25	42	1,854	38	905	
VT 530 G (RT)	—	—	—	—	—	44	782	
2012CL (ST)	—	—	31	43	6,742	33	734	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§							38.6	177,094

WHEAT YIELDS BY VARIETY 2010–2014†							RISK AREA 7	
Variety¶	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres	
CARBERRY (RS)	—	49	54	70	51,072	46	56,602	
GLENN (RS)	43	41	50	66	25,073	46	25,376	
HARVEST (RS)	42	39	44	69	18,843	48	13,829	
CARDALE (RS)	—	—	—	70	1,713	52	9,865	
WR 859 CL (RS)	48	42	52	68	15,630	43	5,384	
CDC UTMOST (RS)	—	—	54	70	12,933	57	3,716	
FALLER (F)	—	—	—	—	—	65	2,496	
MUCHMORE (RS)	—	—	—	69	1,870	54	1,767	
AC DOMAIN (RS)	37	33	44	60	3,426	43	1,688	
AAC BRANDON (RS)	—	—	—	—	—	61	1,339	
AC ANDREW (F)	56	62	62	74	1,221	38	1,165	
KANE (RS)	44	39	46	64	3,998	40	1,165	
CDC VR MORRIS (RS)	—	—	—	—	—	47	1,122	
CDC TEAL (RS)	51	46	49	53	1,592	32	988	
FLOURISH (W)	—	—	—	—	—	56	968	
5603 HR (RS)	—	48	47	54	1,023	47	923	
VESPER VB (RS)	—	—	—	71	4,312	52	795	
CDC BUTEO (W)	62	57	61	—	—	42	771	
CDC PLENTIFUL (RS)	—	—	—	—	—	52	562	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§							47.3	135,046

† Yields only for those varieties grown on more than 500 acres and by more than 2 growers;
 § Weighted Average Yield and Total Acreage include acres not reported in the table.
 ¶ For additional characteristic codes, see the key at the end of the Risk Area tables.

OATS YIELDS BY VARIETY 2010–2014†							RISK AREA 7	
Variety¶	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres	
TRIACTOR	—	91	82	134	2,131	84	2,503	
FURLONG	120	89	103	131	4,466	115	2,399	
SOURIS	99	80	92	129	2,709	66	2,342	
SUMMIT	—	—	—	—	—	96	2,023	
CDC DANCER	102	52	80	116	1,673	57	1,478	
PINNACLE	101	79	85	99	1,596	55	607	
LEGGETT	91	55	—	—	—	71	533	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§							81.1	12,605

BARLEY* YIELDS BY VARIETY 2010–2014†							RISK AREA 7	
Variety¶	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres	
NEWDAL	78	38	54	93	6,409	56	4,826	
AC METCALFE	56	27	43	75	4,843	50	4,396	
CDC AUSTENSON	—	—	—	99	2,565	54	2,578	
CELEBRATION	—	—	—	98	2,410	57	2,310	
CDC COPELAND	63	27	46	90	2,383	45	1,807	
CDC COWBOY	54	12	42	85	2,176	38	1,246	
CDC MEREDITH	—	—	—	—	—	57	1,170	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§							52.5	20,592

FLAX YIELDS BY VARIETY 2010–2014†							RISK AREA 7	
Variety¶	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres	
CDC SORREL	24	15	20	34	1,363	26	1,581	
CDC BETHUNE	23	—	20	37	1,106	21	1,226	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§							19.7	6,280

FIELD PEA YIELDS BY VARIETY 2010–2014†							RISK AREA 7	
Variety¶	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres	
CDC MEADOW	44	22	41	59	2,345	38	2,194	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§							32.0	4,426



Energized CONLON BARLEY

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

Seed Depot
HIGH CALIBRE SEED VARIETIES

"We believe Conlon barley is still the only variety that you can count on to consistently have low enough DON to feed hogs & is your plumpest rolling barley! **For best results choose Certified Seed.**"

John M. Smith

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

"Working Hard to Earn Your Trust!"

John M. Smith	Pilot Mound	825-2000	MB Seeds	Lowe Farm	746-4652
Cattellier Seeds	Dufrost	347-5588	Pugh Seeds	Portage	274-2179
Clearview Acres Ltd.	Virtden	748-2666	Rutherford Farms	Grosse Isle	467-5613
Court Seeds	Plumas	386-2354	R-Way Ag	St. Claude	866-398-9643
Darcy Miller	Oakville	267-2363	Seine River Seeds	Ste. Anne	355-4495
Durand Seeds Inc.	Notre Dame	248-2268	Sierens Seeds	Somerset	744-2883
Ellis Farm Supplies	Wawanesa	824-2290	Smith Family Seeds	Pilot Mound	825-7810
Ens Farms Ltd.	Winkler	325-4658	Swan Valley Seeds	Swan Valley	734-2526
Friesen Seeds Ltd.	Morris	746-8325	Wheat City Seeds	Brandon	727-3337
Gagnon Seeds	Ste. Rose	447-2118	Wilson Seeds Ltd.	Darlingford	246-2388
Hulme Agra Products	MacGregor	685-2627	Zeghers Seed Farm	Holland	526-2145
Jeffries Seeds Ltd.	Glenboro	827-2102	seeddepot.ca		

‡ On system as of January 5, 2015;
 * Assuming 48 lbs./bu.

RISK AREA 8

CANOLA YIELDS BY VARIETY 2010–2014†							RISK AREA 8	
Variety†	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014† Acres	
5440 (LT)	36	42	17	43	65,497	31	82,253	
INVIGOR L130 (LT)	—	44	16	39	22,407	29	24,569	
INVIGOR L252 (LT)	—	—	—	—	—	34	23,146	
45H31 (RT)	—	—	16	46	2,855	28	12,138	
1012RR (RT)	—	—	16	38	34,294	29	7,701	
INVIGOR L120 (LT)	—	—	14	35	3,540	25	7,659	
6060RR (RT)	—	—	13	41	2,156	25	5,956	
VT500 (RT)	—	32	12	30	7,719	21	4,721	
INVIGOR L140P	—	—	—	—	—	29	4,255	
73-75 RR (RT)	—	—	15	37	11,141	26	3,786	
INVIGOR L261 (LT)	—	—	—	—	—	29	3,464	
VICTORY V12-1 (RT)	—	—	13	42	6,631	28	3,314	
VT 530 G (RT)	—	—	—	—	—	25	3,231	
INVIGOR L150 (LT)	—	45	15	41	7,477	28	2,717	
L156H (LT)	—	—	—	38	5,508	23	2,331	
INVIGOR L159 (LT)	—	—	14	37	9,717	24	2,047	
CANTERRA 1990 (RT)	—	—	—	38	1,918	25	2,020	
46H75 (ST)	—	—	—	43	1,460	33	1,995	
INVIGOR L154 (LT)	—	—	—	37	1,309	29	1,976	
2012CL (ST)	—	—	17	37	7,682	26	1,825	
73-45RR (RT)	—	35	16	37	1,672	25	1,596	
74-44BL (RT)	—	—	—	—	—	26	1,449	
74-54 RR (RT)	—	—	—	—	—	28	1,181	
INVIGOR L160S	—	—	—	—	—	40	1,003	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES‡						29.4	213,612	

WHEAT YIELDS BY VARIETY 2010–2014†							RISK AREA 8	
Variety†	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014† Acres	
HARVEST (RS)	47	52	41	66	64,686	48	70,227	
AC DOMAIN (RS)	36	42	32	53	16,838	35	12,956	
CDC STANLEY (RS)	—	—	47	60	19,515	50	10,675	
CARBERRY (RS)	—	48	40	63	12,419	40	8,386	
MUCHMORE (RS)	—	—	50	74	12,606	45	7,976	
CDC UTMOST (RS)	—	51	36	59	18,024	46	7,717	

WHEAT YIELDS BY VARIETY 2010–2014†							RISK AREA 8	
Variety†	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014† Acres	
CARDALE (RS)	—	—	—	64	678	50	5,439	
5604HR CL (RS)	—	—	30	54	3,150	34	3,619	
AC SPLENDOR (RS)	43	49	40	57	4,398	46	2,499	
GLENN (RS)	—	61	49	65	3,481	39	1,476	
CDC IMAGINE (RS)	34	38	43	62	1,382	44	1,307	
CDC PLENTIFUL (RS)	—	—	—	—	—	51	980	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES‡						45.6	136,280	

SOYBEAN YIELDS BY VARIETY 2010–2014†							RISK AREA 8	
Variety†	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014† Acres	
900Y71 (RT)	—	—	—	33	1,939	20	1,394	
VITO R2	—	—	—	—	—	27	1,153	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES‡						23.0	5,121	

OATS YIELDS BY VARIETY 2010–2014†							RISK AREA 8	
Variety†	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014† Acres	
SUMMIT	—	—	—	138	2,668	77	1,190	
RONALD	73	63	49	80	1,484	48	793	
SOURIS	99	110	36	111	2,283	96	623	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES‡						67.6	3,481	

BARLEY* YIELDS BY VARIETY 2010–2014†							RISK AREA 8	
Variety†	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014† Acres	
CDC AUSTENSON	—	—	—	104	1,406	60	714	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES‡						44.4	1,106	

RISK AREA 9

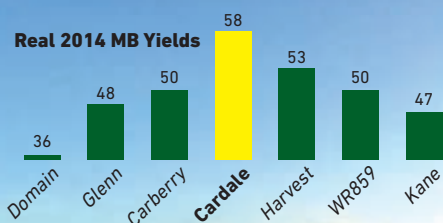
CANOLA YIELDS BY VARIETY 2010–2014†							RISK AREA 9	
Variety†	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014† Acres	
5440 (LT)	25	31	22	39	61,989	33	72,633	
1012RR (RT)	—	35	25	36	66,199	30	46,447	

† Yields only for those varieties grown on more than 500 acres and by more than 2 growers;
 § Weighted Average Yield and Total Acreage include acres not reported in the table.
 † For additional characteristic codes, see the key at the end of the Risk Area tables.

‡ On system as of January 5, 2015;
 * Assuming 48 lbs./bu.



Manitoba Producers: This has been a challenging year. Last spring we expected Cardale to be **the preferred straight cut wheat.** It came through and trust in Cardale continues to grow.



New Trusted "Straight Cut"
CARDALE
"More Wheat...Less Shatter"



- ✓ **Consistent Yields & Protein**
- ✓ **Less Sprouting**
- ✓ **Best Fusarium Performance**
- ✓ **Semi Dwarf**
- ✓ **Faster Harvest Speeds**
- ✓ **Better Straw Management**

"WORKING HARD TO EARN YOUR TRUST"

* This field swathed because desiccation would hurt germination

get Richer™

NSC Richer RR2Y

Never has a name meant so much.

Our NSC Richer RR2Y is the test-plot proven highest yielder. You get a mid-season bean and wide rows, not to mention...a bit richer.

At NorthStar Genetics, we know beans!

www.weknowbeans.com



© NorthStar Genetics 2014

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Ready® crops contain genes that confer tolerance to glyphosate, the active ingredient in Roundup® brand agricultural herbicides. Roundup® brand agricultural herbicides will kill crops that are not tolerant to glyphosate. Genuity and Design®, Genuity Icons, Genuity®, Roundup Ready 2 Yield®, Roundup Ready®, Roundup WeatherMAX®, and Roundup® are trademarks of Monsanto Technology LLC, Monsanto Canada, Inc. licensee. Respect the Refuge and Design is a registered trademark of the Canadian Seed Trade Association. Used under license. ©2012 Monsanto Canada, Inc.



CANOLA YIELDS BY VARIETY 2010–2014†							RISK AREA 9	
Variety¶	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres	
INVIGOR L130 (LT)	—	33	21	37	37,678	30	34,977	
INVIGOR L252 (LT)	—	—	—	—	—	33	23,014	
INVIGOR L150 (LT)	—	33	19	37	44,964	27	12,554	
2012CL (ST)	—	—	19	33	8,378	25	9,196	
45H31 (RT)	—	—	26	32	4,449	40	8,586	
INVIGOR L120 (LT)	—	—	20	36	8,510	26	8,379	
73-75 RR (RT)	—	—	23	38	13,120	31	7,582	
INVIGOR L140P	—	—	—	—	—	32	7,363	
45H29 (RT)	45	32	22	41	11,469	32	6,882	
L156H (LT)	—	—	—	33	12,239	25	6,768	
CANTERRA 1990 (RT)	—	—	23	43	4,989	28	6,568	
6060RR (RT)	—	25	21	35	4,826	32	5,954	
74-44BL (RT)	—	—	—	37	6,152	38	5,772	
46H75 (ST)	—	—	18	41	2,416	23	5,529	
INVIGOR L261 (LT)	—	—	—	—	—	33	4,472	
74-54 RR (RT)	—	—	—	—	—	34	4,186	
INVIGOR L160S	—	—	—	—	—	32	3,786	
VT500 (RT)	—	33	19	32	3,891	36	3,440	
VT 530 G (RT)	—	—	—	—	—	25	2,966	
CANTERRA 1970 (RT)	—	22	22	43	3,333	30	2,770	
INVIGOR L154 (LT)	—	—	26	43	6,549	36	2,735	
D3153 (RT)	—	—	23	34	2,588	27	2,656	
VICTORY V12-1 (RT)	—	—	—	28	3,305	29	2,654	
PIONEER 45S54 RR (RT)	—	—	—	41	1,486	33	2,506	
73-45RR (RT)	—	33	18	32	1,499	23	2,388	
DEKALB 74-44 BL (RT)	—	—	—	31	1,984	43	2,235	
1016 (RT)	—	—	—	37	907	27	2,106	
VR 9560 CL (ST)	—	—	21	39	6,782	18	1,782	
INVIGOR L159 (LT)	—	—	15	33	3,167	31	1,716	
72-65 (RT)	31	23	20	37	2,876	19	1,257	
45H75	—	—	—	—	—	30	1,057	
SY4114 (RT)	—	—	—	—	—	21	1,054	
6044RR	—	—	—	—	—	20	997	
PIONEER 45S52 (RT)	—	28	16	44	2,315	45	624	
5525 CL (ST)	—	—	16	40	1,214	51	545	
3235 (RT)	—	—	—	—	—	21	520	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						30.9	323,818	

WHEAT YIELDS BY VARIETY 2010–2014†							RISK AREA 9	
Variety¶	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres	
CARBERRY (RS)	—	—	47	59	54,161	43	55,941	
HARVEST (RS)	37	46	39	68	56,063	44	45,750	
AC DOMAIN (RS)	28	31	37	57	45,529	30	31,801	
GLENN (RS)	31	42	46	59	57,218	38	28,912	
CARDALE (RS)	—	—	—	70	1,248	42	14,137	
CDC STANLEY (RS)	—	—	53	63	13,648	37	12,349	
CDC BUTEO (W)	45	41	53	52	12,384	28	7,915	
WR 859 CL (RS)	35	38	41	61	10,754	39	7,751	
AC WASKADA (RS)	32	36	44	59	10,224	29	7,357	
AC BARRIE (RS)	25	29	44	56	8,946	41	6,074	
KANE (RS)	30	34	40	53	15,764	27	4,383	
5604HR CL (RS)	—	—	—	53	4,587	41	3,929	
CDC UTMOST (RS)	—	—	42	64	6,920	47	3,105	
AC INTREPID (RS)	44	45	31	50	2,536	39	2,219	
SUPERB (RS)	32	31	37	59	3,527	32	2,120	
UNITY VB (RS)	59	51	42	56	2,363	35	2,106	
5602HR (RS)	32	—	40	52	1,691	31	1,630	
CDC VR MORRIS (RS)	—	—	—	—	—	21	1,597	
CDC TEAL (RS)	47	37	38	50	2,612	32	1,317	
MUCHMORE (RS)	—	—	54	64	3,761	34	1,093	
5702PR (PS)	—	—	—	—	—	25	975	
PASTEUR (F)	—	—	—	77	1,534	42	618	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						38.6	250,608	

SOYBEAN YIELDS BY VARIETY 2010–2014†							RISK AREA 9	
Variety¶	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres	
PEKKO R2 (RT)	—	—	39	35	12,403	28	9,812	
THUNDER 32004R2Y	—	—	36	38	7,600	31	9,446	
DEKALB 23-10 (RT)	—	—	35	33	5,371	28	8,582	
NSC MOOSOMIN RR2Y	—	—	—	—	—	26	6,552	
THUNDER 33003R2Y (RT)	—	—	—	35	4,731	33	5,497	
900Y71 (RT)	—	—	31	31	1,529	19	2,872	
VITO R2	—	—	—	—	—	27	2,099	
LS 002R23	—	—	—	37	760	27	2,021	
LS002R24N	—	—	—	—	—	27	1,880	
NSC RESTON RR2Y	—	—	—	—	—	25	1,743	
THUNDER 29002RR (RT)	—	—	35	30	792	33	1,646	
900Y61	—	—	28	—	—	25	938	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						28.3	59,343	

† Yields only for those varieties grown on more than 500 acres and by more than 2 growers;
§ Weighted Average Yield and Total Acreage include acres not reported in the table.
¶ For additional characteristic codes, see the key at the end of the Risk Area tables.

OATS YIELDS BY VARIETY 2010–2014†							RISK AREA 9	
Variety¶	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres	
SOURIS	77	71	72	96	12,846	42	8,874	
AC MORGAN	—	97	92	117	2,298	85	3,475	
LEGGETT	54	47	53	81	3,576	63	1,677	
TRIACTOR	66	78	69	100	3,365	75	1,022	
SUMMIT	—	—	—	73	1,245	57	960	
TRIPLE CROWN	58	69	55	82	2,063	25	948	
RONALD	76	68	65	67	2,019	29	892	
PINNACLE	—	—	43	83	2,423	33	696	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						50.1	22,728	

BARLEY* YIELDS BY VARIETY 2010–2014†							RISK AREA 9	
Variety¶	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres	
AC METCALFE	29	32	29	74	4,346	44	3,177	
CDC AUSTENSON	—	—	—	91	2,168	69	2,032	
LEGACY	42	34	33	75	2,164	31	1,877	
CDC YORKTON	56	47	37	75	2,002	28	1,801	
CONLON	31	40	38	51	5,255	24	1,673	
NEWDALE	—	41	42	68	1,997	69	1,360	
BENTLEY	—	45	31	96	852	55	1,124	
CDC COWBOY	34	50	16	44	521	15	679	
CELEBRATION	—	—	50	66	2,869	50	659	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						42.3	17,495	

FLAX YIELDS BY VARIETY 2010–2014†							RISK AREA 9	
Variety¶	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres	
PRAIRIE SAPPHIRE	—	—	—	—	—	28	787	
CDC SORREL	6	—	8	—	—	14	661	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						20.4	2,197	

FIELD PEA YIELDS BY VARIETY 2010–2014†							RISK AREA 9	
Variety¶	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres	
LIVIOLETTA	12	27	27	28	1,003	8	1,021	
CDC MEADOW	—	—	38	52	1,076	46	549	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						24.4	2,300	

RISK AREA 10

CANOLA YIELDS BY VARIETY 2010–2014†							RISK AREA 10	
Variety¶	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres	
5440 (LT)	31	35	28	43	17,646	40	17,117	
INVIGOR L130 (LT)	—	35	27	44	11,004	38	15,341	
L156H (LT)	—	—	—	43	5,341	44	8,220	
INVIGOR L252 (LT)	—	—	—	—	—	44	6,705	
INVIGOR L154 (LT)	—	—	26	43	6,408	45	4,332	
1012RR (RT)	—	—	29	39	8,331	31	3,859	
73-75 RR (RT)	—	—	27	38	5,089	33	2,834	
INVIGOR L120 (LT)	—	—	29	46	4,213	34	2,689	
INVIGOR L261 (LT)	—	—	—	—	—	39	2,514	
2012CL (ST)	—	—	24	36	1,898	31	2,051	
INVIGOR L159 (LT)	—	—	—	—	—	40	1,885	
VR 9560 CL (ST)	—	—	—	—	—	44	1,688	
INVIGOR L150 (LT)	—	34	26	42	8,130	23	1,442	
45H29 (RT)	46	34	30	34	1,684	31	1,320	
INVIGOR L140P	—	—	—	—	—	47	1,297	
VICTORY V2045 (RT)	—	—	—	36	1,632	30	876	
CANTERRA 1990 (RT)	—	—	—	—	—	44	848	
6044RR	—	—	—	—	—	19	807	
74-54 RR (RT)	—	—	—	—	—	24	771	
46H75 (ST)	—	—	26	—	—	42	676	
6060RR (RT)	—	—	—	—	—	19	503	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						38.5	82,090	

WHEAT YIELDS BY VARIETY 2010–2014†							RISK AREA 10	
Variety¶	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres	
CARBERRY (RS)	—	—	37	52	10,271	42	7,827	
GLENN (RS)	46	40	44	53	9,893	50	7,019	
CDC FALCON (W)	67	54	54	56	27,413	42	6,794	
FLOURISH (W)	—	—	—	60	951	47	6,404	
CARDALE (RS)	—	—	—	—	—	56	4,660	
PASTEUR (F)	—	—	—	71	2,277	66	4,441	
WR 859 CL (RS)	—	42	45	60	2,292	58	3,068	
BROADVIEW (W)	—	—	55	62	4,072	43	2,818	
HARVEST (RS)	49	—	46	57	1,357	58	1,789	
ACCIPITER (W)	—	—	—	51	1,380	47	1,680	
FALLER (F)	—	—	—	—	—	75	1,232	
KANE (RS)	43	27	42	49	4,258	38	1,202	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						49.4	51,290	

† On system as of January 5, 2015;
* Assuming 48 lbs./bu.





The miracles of science™

Today's smart choice for preventing weed resistance.
Herbicides with different modes of action

THE END OF THE LINE FOR BROADLEAF WEEDS.

When tough broadleaf weeds invade your cereal crops, it's no time for half-measures. You need action *now*. With a new and more concentrated formulation, DuPont™ Barricade® II herbicide leverages the strength of three active ingredients from 2 different groups (Group 2 and Group 4) to keep broadleaf weeds far away from your crop. Powered by Solumax® soluble granules, Barricade® II also delivers one-hour rainfastness and easier, more consistent sprayer cleanout. It's no wonder growers made it Western Canada's premier broadleaf herbicide for cereals.

DuPont™
Barricade® II

Barricade® II: *The weeds stop here.*

**Questions? Ask your retailer, call 1-800-667-3925 or
visit barricade.dupont.ca**

powered by Solumax®
soluble granules, combined

narrow-leaved hawk's beard, kochia, cleavers.
flixweed, lamb's-quarters, cow co
volunteer canola

cereal crops


multiple modes of action from two groups
– Group 2 and Group 4.

An effective, time-saving
formulation. Barricade® II

As with all crop protection products, read and follow label instructions carefully.

The DuPont Oval Logo, DuPont™, The miracles of science™, Barricade® and Solumax® are registered trademarks or trademarks of E. I. du Pont de Nemours and Company. E. I. du Pont Canada Company is a licensee. Member of CropLife Canada.
© Copyright 2015 E. I. du Pont Canada Company. All rights reserved.

SOYBEAN YIELDS BY VARIETY 2010–2014†						RISK AREA 10	
Variety‡	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres
900Y61	—	—	36	37	7,325	32	9,046
24-10RY	—	—	36	36	2,576	32	5,455
LS 002R23	—	—	—	—	—	31	4,886
25-10RY	—	—	37	42	1,404	38	4,459
LS 005R22	—	—	29	41	3,818	36	4,450
NSC ANOLA RR2Y	—	—	—	41	999	29	3,544
THUNDER 32004R2Y	—	—	—	36	4,176	32	3,384
NSC RESTON RR2Y	—	—	—	—	—	21	3,102
LS004R21	—	—	28	34	3,285	34	2,856
PS 0027RR (RT)	—	35	—	35	1,646	27	2,425
90Y61 (RT)	—	—	—	—	—	29	2,423
THUNDER 33003R2Y (RT)	—	—	—	38	1,525	31	2,353
DEKALB 23-10 (RT)	—	—	—	38	3,931	32	2,257
900Y71 (RT)	—	30	31	32	1,441	33	2,138
LS 005R23	—	—	—	—	—	34	1,930
VITO R2	—	—	—	—	—	30	1,477
PRIDE 0027 (RT)	—	—	—	—	—	31	1,471
PEKKO R2 (RT)	—	—	32	31	1,670	30	1,126
NSC LIBAU RR2Y	—	—	31	34	3,823	32	1,089
NSC TILSTON RR2Y	—	—	—	—	—	34	1,058
NSC RICHER RR2Y (RT)	—	—	37	45	1,246	38	809
CHADBURN R2	—	—	—	30	665	34	768
PS 0083 R2 (RT)	—	—	—	41	729	32	694
PIONEER P002T04R	—	—	—	—	—	24	671
NSC MOOSOMIN RR2Y	—	—	—	—	—	35	662
24-61 RY (RT)	—	—	—	—	—	38	630
THUNDER 33005R2Y	—	—	—	—	—	37	605
MCLEOD R2	—	—	—	—	—	33	588
NSC GLADSTONE RR2	—	—	—	—	—	33	542
LS003R22	—	—	—	—	—	24	513
NSC ELIE RR2Y (RT)	—	—	38	37	1,751	37	508
HS 006RYS24	—	—	38	33	572	40	506
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						32.2	78,149



Legumex Walker
We are stronger together.

DRY BEAN SEED

PINTO	BLACK	CRANBERRY
WM-2	* Eclipse	Krimson
Windbreaker	Super Jet	Etna
* Stampede	LIGHT RED	GREAT
* ND-307	KIDNEY	NORTHERN
Medicine Hat	Pink Panther	Beryl
NAVY	Clouseau	Coyne
T9903	PINK	YELLOW
T9905	Pink Floyd	CDC SOL
Indi	Rosetta	

“Contract support available”
with delivery to Saskatchewan & Manitoba receiving points

“Please call to inquire about other varieties not listed”

204-829-2326

*NDSU / RF

† Yields only for those varieties grown on more than 500 acres and by more than 2 growers;
§ Weighted Average Yield and Total Acreage include acres not reported in the table.
‡ For additional characteristic codes, see the key at the end of the Risk Area tables.

OATS YIELDS BY VARIETY 2010–2014†						RISK AREA 10	
Variety‡	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres
SOURIS	84	70	71	103	8,671	84	12,064
FURLONG	83	81	71	101	4,288	76	4,003
LEGGETT	68	73	62	79	3,960	57	1,880
PINNACLE	80	—	60	121	786	63	1,757
SUMMIT	—	—	79	87	704	75	1,734
BIG BROWN	—	—	—	—	—	52	768
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						76.9	23,066

BARLEY* YIELDS BY VARIETY 2010–2014†						RISK AREA 10	
Variety‡	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres
CONLON	42	32	53	67	9,747	53	6,138
TRADITION	30	—	44	74	2,177	42	2,205
CDC AUSTENSON	—	—	—	—	—	47	992
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						48.7	10,721

CORN YIELDS BY VARIETY 2010–2014†						RISK AREA 10	
Variety‡	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres
PIONEER P7443R (RT)	—	84	115	119	7,106	89	6,329
PIONEER 39D95 (RT)	113	95	121	126	17,825	93	6,036
PIONEER 39D97 (BT)(LT)(RT)	114	89	124	135	8,245	107	3,689
PIONEER 39V05 (RT)	—	—	—	135	2,222	103	3,401
P7632HR (BT)(RT)	—	—	—	129	580	104	2,125
PIONEER 39269 (HX1)(LT)(RT)	—	—	131	—	—	95	1,281
A4408G2 RIB	—	—	—	—	—	111	1,268
DEKALB DKC 27-55 (LT)(RT)	—	—	—	120	1,576	102	1,200
DEKALB DKC26-28RIB (RT)(BT)	—	—	—	133	1,193	116	974
PIONEER P7332R	—	—	—	—	—	121	959
PIONEER P7632HR (HX1)(LT)(RT)	—	—	—	—	—	104	945
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						98.4	31,905

DRY BEAN YIELDS BY VARIETY 2010–2014†						RISK AREA 10	
Variety‡	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres
PINK PANTHER (KIDNEY)	1,076	1,030	926	1,149	1,290	961	3,775
T9903 (WHITE PEA)	1,254	—	1,850	—	—	1,221	3,517
WINDBREAKER (PINTO)	1,411	—	1,861	2,072	1,754	1,008	2,747
T9905 (WHITE PEA)	—	—	2,004	1,973	5,701	1,995	2,343
ENVOY (WHITE PEA)	1,063	941	1,664	1,821	988	752	1,608
CLOUSEAU (KIDNEY)	—	—	—	—	—	1,290	1,036
PINK FLOYD (OTHER)	—	—	—	—	—	1,049	974
INDI (WHITE PEA)	—	—	—	—	—	1,301	794
ECLIPSE (BLACK)	1,757	—	2,328	1,739	1,396	1,587	781
AC OLE (PINTO)	1,900	—	1,698	—	—	1,717	546
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						1178.7	23,194

FLAX YIELDS BY VARIETY 2010–2014†						RISK AREA 10	
Variety‡	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres
CDC SORREL	13	—	9	—	—	16	635
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						16.9	985

SUNFLOWER YIELDS BY VARIETY 2010–2014†						RISK AREA 10	
Variety‡	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres
SEEDS2000 PANTHER DMR (C)	—	—	—	—	—	1,138	1,091
P63ME70 (O)	—	—	—	1,757	595	1,739	688
P63ME80 (O)	—	—	—	—	—	1,213	582
SEEDS2000 6950 (C)	—	—	—	—	—	1,468	551
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						1334.1	5,670

RISK AREA 11

CANOLA YIELDS BY VARIETY 2010–2014†						RISK AREA 11	
Variety‡	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres
5440 (LT)	33	29	28	48	34,321	40	50,530
INVIGOR L130 (LT)	—	29	30	47	23,210	36	36,239
INVIGOR L252 (LT)	—	—	—	—	—	41	20,719
1012RR (RT)	—	—	28	44	26,488	33	16,890
L156H (LT)	—	—	—	44	8,675	37	9,936
INVIGOR L154 (LT)	—	—	32	51	20,708	38	9,592
INVIGOR L150 (LT)	—	31	27	45	27,114	34	7,955
73-75 RR (RT)	—	—	30	40	11,624	32	7,239
CANTERRA 1990 (RT)	—	—	27	48	4,610	34	5,594
INVIGOR L261 (LT)	—	—	—	—	—	41	5,121
INVIGOR L140P	—	—	—	—	—	36	5,083
2012CL (ST)	—	—	25	41	7,176	26	4,361
VT500 (RT)	—	19	23	41	4,307	29	2,704

† On system as of January 5, 2015;
* Assuming 48 lbs./bu.





BE THE BOSS

OF YOUR PHOS

Nu-Trax™ P+ fertilizer puts you in charge of delivering the nutrition your crops need for a strong start. It features the right blend of phosphorus, zinc and other nutrients essential for early-season growth. And because Nu-Trax P+ coats onto your dry fertilizer you are placing these nutrients close to the rooting zone where young plants can easily access them, when they are needed most.

Take control of your crop's early-season nutrition with Nu-Trax P+
and visit ReThinkYourPhos.com.



ReThinkYourPhos.com

©2015 Wolf Trax™ and Nu-Trax™ P+ are trademarks of Compass Minerals Manitoba Inc. Compass Minerals is the proud supplier of Wolf Trax Innovative Nutrients. Not all products are registered in all areas. Contact infomaster@wolftrax.com for more information. 38967 YM



wolftrax
INNOVATIVE NUTRIENTS

CANOLA YIELDS BY VARIETY 2010–2014†						RISK AREA 11	
Variety‡	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres
74-44BL (RT)	—	—	—	41	1,943	30	2,573
74-54 RR (RT)	—	—	—	—	—	29	2,548
45H29 (RT)	27	29	23	42	1,788	17	2,530
45H31 (RT)	—	—	—	42	1,842	32	2,453
INVIGOR L120 (LT)	—	—	28	47	3,425	34	2,264
46H75 (ST)	—	—	36	43	1,380	42	2,082
VT 530 G (RT)	—	—	—	—	—	31	1,986
VICTORY V2045 (RT)	—	—	—	36	3,310	32	1,870
VR 9560 CL (ST)	—	—	30	44	1,487	42	1,359
CANTERRA 1970 (RT)	—	28	29	48	1,400	31	1,292
SY4135	—	—	—	—	—	39	1,283
CANTERRA 1918 (RT)	—	25	24	37	1,661	24	1,128
3235 (RT)	—	—	31	—	—	38	955
PIONEER 45S54 RR (RT)	—	—	—	—	—	31	948
73-45RR (RT)	—	26	23	41	2,519	33	902
6060RR (RT)	—	25	19	25	1,407	21	859
INVIGOR L160S	—	—	—	—	—	33	852
INVIGOR L159 (LT)	—	—	—	46	2,153	24	793
6044RR	—	—	—	—	—	19	770
D3153 (RT)	—	—	—	—	—	26	623
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						36.2	215,632

WHEAT YIELDS BY VARIETY 2010–2014†						RISK AREA 11	
Variety‡	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres
CARBERRY (RS)	—	40	55	66	64,781	49	57,608
WR 859 CL (RS)	59	39	49	63	18,826	49	21,373
FLOURISH (W)	—	—	—	74	1,695	60	20,897
CARDALE (RS)	—	—	—	75	1,590	57	16,307
FALLER (F)	51	34	68	83	5,880	61	13,088
KANE (RS)	43	39	51	61	25,265	51	11,780
CDC FALCON (W)	64	67	65	71	54,782	60	11,066
GLENN (RS)	43	39	49	66	22,246	55	10,454
PASTEUR (F)	—	—	61	88	6,855	66	9,821
CDC STANLEY (RS)	—	—	—	66	5,098	54	3,091
MUCHMORE (RS)	—	—	—	67	688	51	2,129
AC BARRIE (RS)	35	33	43	55	5,682	38	2,027
5604HR CL (RS)	—	—	35	72	2,128	44	1,770
AAC BRANDON (RS)	—	—	—	—	—	69	1,574
AC DOMAIN (RS)	42	42	57	67	1,344	59	1,300
ACCIPITER (W)	—	—	—	72	760	62	1,162
BROADVIEW (W)	—	—	—	88	2,098	70	1,031
CDC GO (RS)	58	—	—	79	1,504	64	985
EMERSON (W)	—	—	—	—	—	63	961
PROSPER (F)	—	—	—	—	—	67	600
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						54.3	192,134

SOYBEAN YIELDS BY VARIETY 2010–2014†						RISK AREA 11	
Variety‡	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres
LS 002R23	—	—	—	44	1,211	37	10,193
THUNDER 32004R2Y	—	—	43	39	9,206	31	9,314
24-10RY	—	—	44	42	5,615	37	6,803
DEKALB 23-10 (RT)	—	—	35	41	5,389	32	6,764
THUNDER 33003R2Y (RT)	—	—	—	41	3,621	30	6,574
900Y61	—	—	32	38	8,405	33	6,366
VITO R2	—	—	—	45	1,826	34	5,855
LS 005R22	—	—	41	46	5,920	37	4,830
PRIDE 0027 (RT)	—	—	—	—	—	31	3,984
NSC ANOLA RR2Y	—	—	38	42	5,961	29	3,971
MCLEOD R2	—	—	—	—	—	34	3,866
NSC RESTON RR2Y	—	—	—	—	—	28	3,260
NSC LIBAU RR2Y	—	—	38	38	10,757	33	2,761
ISISRR (RT)	37	21	—	—	—	30	2,404
GRAY R2	—	—	—	—	—	35	2,246
PEKKO R2 (RT)	—	—	38	40	1,410	28	2,230
LS 005R23	—	—	—	—	—	39	2,149
LS004R21	—	—	32	40	4,591	35	1,992
NSC TILSTON RR2Y	—	—	—	—	—	36	1,980
BISHOP R2	—	—	—	—	—	37	1,785
OAC PRUDENCE	20	—	17	—	—	13	1,750
NSC MOOSOMIN RR2Y	—	—	—	—	—	32	1,688
THUNDER 33005R2Y	—	—	—	—	—	34	1,679
DEKALB 23-60 RY (RT)	—	—	—	—	—	34	1,282
NSC RICHER RR2Y (RT)	—	—	—	42	651	39	1,259
PIONEER P002T04R	—	—	—	—	—	31	1,257
NSC GLADSTONE RR2	—	—	—	—	—	40	994
LS 005R21	—	—	—	45	1,593	36	914
LS003R22	—	—	—	40	1,538	40	837
900Y71 (RT)	33	24	31	36	736	36	721
S007-Y4 (RT)	—	—	—	—	—	39	686
LS 0028RR (RT)	27	—	—	—	—	42	630
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						33.3	109,651

OATS YIELDS BY VARIETY 2010–2014†						RISK AREA 11	
Variety‡	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres
SUMMIT	107	56	81	127	6,262	85	6,344
SOURIS	111	76	87	122	6,350	85	6,001
LEGGETT	76	59	71	94	4,441	70	3,636
FURLONG	79	62	73	92	4,810	50	2,506
BIG BROWN	—	—	—	—	—	95	2,502
STRIDE	—	—	—	—	—	98	2,103
GEHL (HULLESS)	—	—	—	51	619	42	834
TRIACOR	81	71	89	138	983	99	615
PINNACLE	60	—	34	110	664	81	524
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						79.8	25,984

BARLEY* YIELDS BY VARIETY 2010–2014†						RISK AREA 11	
Variety‡	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres
CONLON	62	38	63	82	21,818	64	18,224
CDC AUSTENSON	—	—	61	105	6,155	74	11,387
TRADITION	50	20	52	91	2,665	38	2,710
CELEBRATION	—	—	67	99	4,963	69	1,980
CHAMPION	—	—	60	114	2,167	55	807
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						63.6	38,687

CORN YIELDS BY VARIETY 2010–2014†						RISK AREA 11	
Variety‡	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres
PIONEER P7443R (RT)	—	—	121	126	3,352	97	2,730
P7632HR (BT)(RT)	—	—	—	—	—	118	1,251
PIONEER P7632HR (HX1)(LT)(RT)	—	—	—	—	—	106	714
PIONEER 39D97 (BT)(LT)(RT)	—	—	—	—	—	123	678
DEKALB DKC26-28RIB (RT)(BT)	—	—	—	—	—	123	522
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						104.6	10,184

DRY BEAN YIELDS BY VARIETY 2010–2014†						RISK AREA 11	
Variety‡	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres
ENVOY (WHITE PEA)	1,528	2,282	1,850	2,421	5,424	1,532	11,865
T9905 (WHITE PEA)	2,202	2,297	1,973	2,452	4,086	1,825	4,698
WINDBREAKER (PINTO)	2,143	2,295	1,786	2,150	4,441	1,810	4,245
PINK PANTHER (KIDNEY)	1,612	1,920	1,393	2,443	2,456	1,365	4,097
T9903 (WHITE PEA)	1,755	1,806	1,691	1,967	2,998	1,614	3,438
PINK FLOYD (OTHER)	—	—	—	2,355	583	1,385	1,553
CARGO (WHITE PEA)	1,519	1,876	1,757	2,310	1,068	1,616	1,028
ECLIPSE (BLACK)	1,892	2,339	1,812	2,176	655	1,839	640
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						1582.8	34,296

FLAX YIELDS BY VARIETY 2010–2014†						RISK AREA 11	
Variety‡	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres
CDC SORREL	16	17	9	29	1,842	20	2,004
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						19.1	3,197

SUNFLOWER YIELDS BY VARIETY 2010–2014†						RISK AREA 11	
Variety‡	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres
SEEDS2000 PANTHER DMR (C)	—	—	—	—	—	2,310	1,085
SEEDS2000 6950 (C)	—	—	—	—	—	2,458	868
DAHLGREN D-9530 (C)	—	—	—	—	—	1,343	650
P63ME70 (O)	—	—	—	2,502	835	1,279	649
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						1714.2	5,149

FIELD PEA YIELDS BY VARIETY 2010–2014†						RISK AREA 11	
Variety‡	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres
CDC STRIKER	—	—	—	—	—	56	815
AGASSIZ	39	—	45	62	880	50	562
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						51.5	1,980

RISK AREA 12

CANOLA YIELDS BY VARIETY 2010–2014†						RISK AREA 12	
Variety‡	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres
5440 (LT)	30	27	32	50	108,230	45	102,719
INVIGOR L130 (LT)	—	26	32	49	73,546	41	68,487
INVIGOR L252 (LT)	—	—	—	—	—	47	62,685
L156H (LT)	—	—	—	51	31,408	48	47,195
INVIGOR L154 (LT)	—	—	33	51	36,227	45	28,175
INVIGOR L150 (LT)	—	28	30	49	68,271	40	17,427
INVIGOR L140P	—	—	—	—	—	48	16,316
INVIGOR L261 (LT)	—	—	—	—	—	44	15,566

† Yields only for those varieties grown on more than 500 acres and by more than 2 growers;
§ Weighted Average Yield and Total Acreage include acres not reported in the table.
‡ For additional characteristic codes, see the key at the end of the Risk Area tables.

‡ On system as of January 5, 2015;
* Assuming 48 lbs./bu.



VICTORY®
InVigor® Health



Grow the canola that delivers higher returns.

**Make more money with the
Cargill Specialty Canola Program.**

With our high-yielding VICTORY® V-Class™ and InVigor® Health hybrids and profitable program, you can generate the superior yields you demand and the higher returns you deserve — so both your crops and your business will thrive. Learn more at cargillspecialtycanola.com.

®The Cargill logo and ®VICTORY are registered trademarks of Cargill Incorporated, used under license.
InVigor® is a registered trademark of the Bayer Group. Bayer CropScience is a member of CropLife Canada.
©2014 Cargill, Incorporated. All rights reserved.

www.cargillspecialtycanola.com
www.cargill.ca



CANOLA YIELDS BY VARIETY 2010–2014†						RISK AREA 12	
Variety¶	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres
VR 9560 CL (ST)	—	—	34	51	14,080	48	14,543
46H75 (ST)	—	—	32	47	7,177	43	13,223
INVIGOR L159 (LT)	—	—	32	47	19,728	45	10,568
1012RR (RT)	—	21	34	49	10,172	41	8,675
2012CL (ST)	—	24	29	43	9,402	33	6,688
73-75 RR (RT)	—	—	34	48	14,425	34	5,786
CANTERRA 1990 (RT)	—	—	24	43	3,487	31	3,334
5525 CL (ST)	29	22	31	47	3,295	32	3,177
45H29 (RT)	23	21	29	50	2,544	46	2,867
VICTORY V2045 (RT)	—	—	—	42	7,021	45	2,850
INVIGOR L160S	—	—	—	—	—	43	2,782
74-44BL (RT)	—	—	—	42	970	31	2,068
INVIGOR L120 (LT)	—	—	28	48	6,226	52	1,774
CANTERRA 1918 (RT)	—	—	—	38	1,075	10	1,494
73-45RR (RT)	—	14	27	40	2,639	35	1,425
45H75	—	—	—	43	674	42	1,287
VT500 (RT)	—	24	27	41	3,758	38	1,039
PIONEER 45S54 RR (RT)	—	—	—	—	—	36	912
74-54 RR (RT)	—	—	—	—	—	31	893
5535CL (ST)	—	18	—	—	—	37	872
1145 (LT)	33	29	34	51	13,456	56	850
2016 CL	—	—	32	42	4,319	32	780
D3153 (RT)	—	—	—	—	—	31	690
45H76 (ST)	—	—	—	45	576	34	505
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§						43.9	454,653

WHEAT YIELDS BY VARIETY 2010–2014†						RISK AREA 12	
Variety¶	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres
CARBERRY (RS)	—	43	62	65	195,911	58	170,758
PASTEUR (F)	—	—	75	88	18,627	77	63,152
CARDALE (RS)	—	—	—	77	3,402	70	61,276
FALLER (F)	41	47	70	82	12,294	80	60,225
FLOURISH (W)	—	—	—	78	7,450	61	44,878
GLENN (RS)	40	39	62	67	75,840	61	37,224
CDC FALCON (W)	66	63	82	75	189,357	69	24,356
WR 859 CL (RS)	42	36	62	68	18,712	57	14,929
PROSPER (F)	—	—	—	—	—	87	13,107
KANE (RS)	41	36	59	63	29,290	59	10,987
CDC STANLEY (RS)	—	—	—	64	6,120	69	6,031
AC BARRIE (RS)	37	34	54	62	10,594	57	5,762
5604HR CL (RS)	—	—	62	67	4,581	61	5,564
AAC BRANDON (RS)	—	—	—	—	—	73	3,155
CDC GO (RS)	61	48	65	79	4,135	69	2,731
AC DOMAIN (RS)	50	45	60	59	7,522	61	2,549
EMERSON (W)	—	—	—	—	—	70	2,471
CDC VR MORRIS (RS)	—	—	—	—	—	67	1,344
HARVEST (RS)	57	48	60	61	1,402	73	1,137
BROADVIEW (W)	—	—	—	81	595	61	935
MCCLINTOCK (W)	—	—	83	71	1,860	60	686
5603 HR (RS)	45	40	55	61	1,852	66	550
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§						66.1	539,768

SOYBEAN YIELDS BY VARIETY 2010–2014†						RISK AREA 12	
Variety¶	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres
24-10RY	—	38	37	41	91,144	36	87,920
NSC RICHER RR2Y (RT)	—	—	38	43	37,672	39	67,459
25-10RY	—	31	37	42	56,555	39	53,304
THUNDER 32004R2Y	—	—	37	40	37,926	34	32,501
900Y61	—	26	36	39	41,212	31	31,723
NSC RESTON RR2Y	—	—	—	44	3,553	33	23,445
THUNDER 33005R2Y	—	—	—	44	2,185	38	20,834
24-61 RY (RT)	—	—	42	43	12,174	38	20,620
LS 005R22	—	32	37	42	13,725	35	16,574
PEKKO R2 (RT)	—	—	37	40	25,913	35	15,695
PRIDE 0027 (RT)	—	—	—	—	—	34	15,665
LS 002R23	—	—	—	41	1,741	31	14,259
LS004R21	—	—	32	38	18,497	35	13,676
NSC ANOLA RR2Y	—	—	38	39	9,583	35	13,537
OAC PRUDENCE	33	22	31	35	11,266	31	13,201
NSC LIBAU RR2Y	—	—	36	40	23,112	33	10,883
PS 0027RR (RT)	—	28	39	38	15,944	33	10,679
LS005R24	—	—	—	—	—	39	9,546
900Y71 (RT)	32	25	36	38	19,785	33	8,742
PIONEER P002T04R	—	—	—	—	—	31	8,060
NSC NIVERVILLE RR2Y	—	—	—	40	9,286	38	7,693
MCLEOD R2	—	—	—	—	—	37	6,976
PIONEER P008T22R2 (RT)	—	—	—	—	—	37	6,355
THUNDER 33003R2Y (RT)	—	—	—	41	4,783	34	6,332
VITO R2	—	—	—	37	2,320	34	5,862

SOYBEAN YIELDS BY VARIETY 2010–2014†						RISK AREA 12	
Variety¶	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres
DEKALB 23-60 RY (RT)	—	—	—	—	—	39	5,690
ASTRO R2 (RT)	—	—	33	43	2,787	41	5,628
SAMPRA R2	—	—	39	41	9,195	36	5,388
NSC ELIE RR2Y (RT)	—	—	37	42	19,880	37	5,356
90Y61 (RT)	—	—	—	42	936	31	5,304
90Y01	—	—	—	42	1,581	36	5,272
DEKALB 23-10 (RT)	—	—	38	36	9,786	32	4,608
S007-Y4 (RT)	—	—	—	—	—	38	4,346
NSC OSBORNE RR2Y (RT)	38	28	34	42	3,726	34	4,102
PIONEER P008T70R (RT)	—	—	—	—	—	42	3,905
LS002R24N	—	—	—	—	—	32	3,538
LS006R21	—	—	38	42	11,329	36	3,448
CHADBURN R2	—	29	36	37	9,924	35	3,426
PS 0083 R2 (RT)	—	—	—	41	1,626	37	3,171
NSC MOOSOMIN RR2Y	—	—	—	36	760	32	3,166
90Y71	—	—	—	35	3,132	36	2,646
S00-T9 (RT)	—	—	—	42	1,064	41	2,489
P001T34R	—	—	—	—	—	21	2,080
OAC ERIN	36	36	38	41	617	38	2,028
THUNDER 32005R2Y	—	—	—	—	—	39	2,027
NSC GLADSTONE RR2	—	—	—	—	—	32	1,982
GRAY R2	—	—	—	—	—	35	1,962
HS 006RYS24	—	—	36	43	1,783	36	1,799
LS003R22	—	—	38	39	6,041	37	1,601
S00-N6 (RT)	—	—	—	—	—	34	1,588
LS 005R21	—	—	35	42	4,541	37	1,539
THUNDER 24004 RR (RT)	—	—	—	—	—	37	1,523
SECAN HERO (RT)	—	—	—	—	—	35	1,381
LS 005R23	—	—	—	—	—	36	1,370
DEKALB 23-60 (RT)	—	—	—	—	—	40	1,283
S00-B7	—	—	—	38	1,092	35	1,267
NSC TILSTON RR2Y	—	—	—	—	—	40	1,208
THUNDER TH 34006R2Y	—	—	—	—	—	38	1,179
90M01 (RT)	33	24	36	38	2,335	20	822
LS 007R22	—	—	—	44	969	37	759
PS 0074 R2	—	—	—	—	—	41	726
CURRIE R2	—	38	—	48	644	35	667
LS 006R22	—	—	32	42	2,784	34	641
HS 006R37 (RT)	—	—	—	42	910	40	633
THUNDER 23005RR (RT)	—	—	—	—	—	36	540
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§						35.8	640,249

OATS YIELDS BY VARIETY 2010–2014†						RISK AREA 12	
Variety¶	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres
SOURIS	94	72	108	129	47,275	120	48,190
SUMMIT	89	58	105	133	18,044	123	36,558
FURLONG	79	63	106	123	9,492	109	7,438
RONALD	86	82	107	150	8,618	134	5,837
TRIACTOR	111	87	110	143	5,278	142	5,137
PINNACLE	69	48	91	125	3,493	95	4,452
STRIDE	—	—	—	—	—	91	2,368
BIG BROWN	—	—	—	—	—	95	1,487
OT4001R	—	—	—	—	—	146	811
LEGGETT	67	70	93	114	2,747	111	733
RIEL	50	46	106	104	947	87	705
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§						119.3	116,111

BARLEY* YIELDS BY VARIETY 2010–2014†						RISK AREA 12	
Variety¶	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres
CONLON	49	35	74	95	23,366	77	18,481
TRADITION	44	31	66	95	6,571	72	7,845
CELEBRATION	70	56	81	94	15,466	83	6,193
CDC AUSTENSON	—	—	78	113	5,094	87	6,061
NEWDAL	46	41	76	93	5,344	67	4,667
CHAMPION	53	47	79	108	2,488	73	2,456
XENA	—	—	—	121	1,214	88	2,051
AC METCALFE	24	—	53	—	—	94	1,691
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§						77.6	51,642

CORN YIELDS BY VARIETY 2010–2014†						RISK AREA 12	
Variety¶	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres
PIONEER 39D97 (BT)(LT)(RT)	124	102	133	149	38,257	132	21,092
PIONEER 39V05 (RT)	—	127	140	152	22,154	132	19,974
PIONEER P7443R (RT)	—	94	127	140	22,493	125	17,114
PIONEER 39D95 (RT)	113	99	128	140	36,853	123	13,879
P7632HR (BT)(RT)	—	—	—	146	2,136	130	13,381
PIONEER 39V07 (BT)(LT)(RT)	—	119	145	159	6,301	133	11,220
PIONEER P7632HR (HX1)(LT)(RT)	—	—	—	—	—	135	7,619

† Yields only for those varieties grown on more than 500 acres and by more than 2 growers;
§ Weighted Average Yield and Total Acreage include acres not reported in the table.
¶ For additional characteristic codes, see the key at the end of the Risk Area tables.

‡ On system as of January 5, 2015;
* Assuming 48 lbs./bu.





RBC Equipment PurchaseLine

Apply once

Instant access

Lease and borrowing options built-in

Ready whenever you are

Purchase anytime with the RBC Equipment PurchaseLine™.

When you need equipment for your crop, livestock or dairy operation, time is always a factor. Now you can purchase on your terms, so you get what's right for your farm operation, right when you need it.

Open your RBC Equipment PurchaseLine today.

Visit rbc.com/agriequipment or call 1-855-561-6723.



CORN YIELDS BY VARIETY 2010–2014†							RISK AREA 12	
Variety‡	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres	
DEKALB DKC26-28RIB (RT)(BT)	—	—	—	144	6,973	131	4,949	
DEKALB DKC 27-55 (LT)(RT)	—	—	—	144	2,224	137	4,331	
DEKALB DKC30-07 (RT)	—	—	—	154	6,753	135	4,220	
PIONEER P7332R	—	—	—	—	—	127	3,068	
HYLAND 3093 (RT)	—	—	—	135	2,083	115	1,669	
DEKALB DKC30-07RIB	—	—	—	—	—	138	1,582	
A4408G2 RIB	—	—	—	—	—	129	1,197	
P8210HR (BT)(LT)(RT)	—	—	—	—	—	126	1,137	
TH 7578 VT2P RIB	—	—	—	—	—	141	1,135	
PIONEER P7213R (RT)	97	84	117	137	1,378	126	998	
PIONEER 39Z69 (HX1)(LT)(RT)	128	104	128	141	3,573	106	946	
LEGEND LR9975R (RT)	133	89	119	131	3,204	108	919	
PRIDE A4631G2 RIB	—	—	—	—	—	131	751	
DEKALB DKC 30-23	—	113	142	155	2,182	120	601	
LR9573VT2PRIB	—	—	—	—	—	126	555	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						128.9	139,355	

DRY BEAN YIELDS BY VARIETY 2010–2014†							RISK AREA 12	
Variety‡	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres	
WINDBREAKER (PINTO)	1,658	2,048	2,024	2,321	24,661	1,903	30,474	
ECLIPSE (BLACK)	1,462	1,799	1,850	2,033	6,286	1,592	9,546	
T9905 (WHITE PEA)	1,788	—	2,064	2,469	537	1,779	3,727	
PINK FLOYD (OTHER)	—	—	—	2,081	1,665	1,911	3,203	
PINK PANTHER (KIDNEY)	1,323	1,261	1,722	2,229	2,065	1,362	2,888	
T9903 (WHITE PEA)	1,177	1,574	1,828	2,447	1,047	1,874	1,872	
NO VAR (OTHER)	—	—	—	—	—	1,704	1,495	
INDI (WHITE PEA)	—	—	—	—	—	1,283	1,491	
CRIMSON (CRANBERRY)	—	—	—	—	—	1,790	1,456	
CLOUSEAU (KIDNEY)	—	—	—	—	—	1,554	1,265	
WHITE MOUNTAIN (PINTO)	—	—	—	1,396	820	1,093	868	
BERYL (OTHER)	—	—	—	—	—	1,773	783	
ENVOY (WHITE PEA)	913	1,567	—	—	—	1,166	597	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						1759.0	63,618	

Experienced farm hands looking for work!

Put these trusted farm publications to work on your farm.

ADVERTISING & SUBSCRIPTIONS
1-800-782-0794

Box 9800, Stn Main, Winnipeg, MB R3C 3K7 www.agcanada.com

† Yields only for those varieties grown on more than 500 acres and by more than 2 growers;
 § Weighted Average Yield and Total Acreage include acres not reported in the table.
 ¶ For additional characteristic codes, see the key at the end of the Risk Area tables.

FLAX YIELDS BY VARIETY 2010–2014†							RISK AREA 12	
Variety‡	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres	
HANLEY	15	11	15	31	3,308	26	3,223	
CDC SORREL	17	13	14	34	2,666	26	2,222	
CDC BETHUNE	15	10	15	26	2,188	31	2,076	
CDC GLAS	—	—	—	—	—	39	1,198	
OMEGA	—	—	—	—	—	22	869	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						28.2	10,437	

SUNFLOWER YIELDS BY VARIETY 2010–2014†							RISK AREA 12	
Variety‡	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres	
SEEDS2000 PANTHER DMR (C) 849	1,376	—	—	—	—	2,183	4,713	
SEEDS2000 JAGUAR DMR (C)	—	—	—	2,242	2,150	1,956	4,389	
P63ME70 (O)	—	—	—	2,835	6,162	2,493	3,602	
SEEDS2000 6950 (C)	—	1,556	2,099	—	—	2,103	3,371	
SEEDS2000 PANTHER (C)	—	—	2,330	—	—	1,601	3,303	
CHS RH 400CL (CL) (C)	—	—	2,425	1,629	880	1,709	2,665	
SEEDS2000 6946 DMR (C)	1,155	1,541	2,579	2,562	5,631	1,982	2,178	
P63ME80 (O)	—	—	—	—	—	1,590	1,484	
PIONEER 63M80 (O)	1,049	—	—	—	—	1,757	945	
PIONEER 63N82 (O)	974	1,310	2,335	2,147	2,297	2,926	887	
SEEDS2000 6946 (C)	869	1,510	2,531	2,586	1,246	2,112	852	
RH400CL (C)	—	—	—	1,579	1,165	1,202	530	
8N270CLDM (O)	—	1,715	2,410	2,527	960	2,105	515	
SEEDS2000 JAGUAR (ST) (C)	1,129	1,210	2,705	—	—	1,900	503	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						1988.2	31,628	

FIELD PEA YIELDS BY VARIETY 2010–2014†							RISK AREA 12	
Variety‡	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres	
AGASSIZ	36	—	45	65	2,259	54	2,563	
CDC PATRICK	—	—	—	—	—	32	1,534	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						43.8	5,280	

RISK AREA 14

CANOLA YIELDS BY VARIETY 2010–2014†							RISK AREA 14	
Variety‡	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres	
INVIGOR L130 (LT)	—	26	18	44	7,477	31	14,401	
5440 (LT)	18	28	26	49	6,273	28	9,764	
INVIGOR L159 (LT)	—	—	21	42	4,522	26	6,494	
INVIGOR L252 (LT)	—	—	—	—	—	31	5,654	
INVIGOR L120 (LT)	—	—	21	41	3,291	22	3,261	
INVIGOR L140P	—	—	—	—	—	30	3,011	
INVIGOR L150 (LT)	—	30	21	45	10,114	27	2,836	
INVIGOR L160S	—	—	—	—	—	32	2,048	
46H75 (ST)	—	—	—	41	875	19	1,465	
2012CL (ST)	—	—	20	48	1,553	26	1,151	
VT500 (RT)	—	27	18	43	1,275	24	922	
L156H (LT)	—	—	—	50	745	22	879	
INVIGOR L261 (LT)	—	—	—	—	—	25	783	
VR 9560 CL (ST)	—	—	22	35	758	24	673	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						27.7	58,190	

WHEAT YIELDS BY VARIETY 2010–2014†							RISK AREA 14	
Variety‡	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres	
FLOURISH (W)	—	—	—	—	—	63	15,420	
CARBERRY (RS)	—	—	48	54	13,307	42	15,290	
CDC FALCON (W)	52	62	70	70	32,688	62	10,673	
GLENN (RS)	27	49	54	58	19,487	46	8,276	
PASTEUR (F)	—	—	—	78	2,488	56	5,442	
CDC STANLEY (RS)	—	—	—	60	3,187	41	5,140	
FALLER (F)	—	54	—	77	2,484	63	4,077	
KANE (RS)	23	43	45	52	5,635	35	2,486	
CARDALE (RS)	—	—	—	—	—	45	2,212	
WR 859 CL (RS)	—	—	—	41	633	45	1,345	
AC DOMAIN (RS)	24	46	51	57	2,679	52	1,212	
5602HR (RS)	21	38	42	47	1,443	31	895	
AC BARRIE (RS)	23	39	43	58	1,930	46	511	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGE§						52.0	75,040	

SOYBEAN YIELDS BY VARIETY 2010–2014†							RISK AREA 14	
Variety‡	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres	
24-10RY	—	—	39	36	16,645	34	19,465	
LS 002R23	—	—	—	35	1,650	28	12,179	
900Y61	—	—	37	33	9,357	23	10,677	
OAC PRUDENCE	21	23	29	32	9,184	26	9,947	
LS004R21	—	—	42	37	12,805	31	8,902	

† On system as of January 5, 2015;
 * Assuming 48 lbs./bu.





**INOCULANTS MAY
SEEM EQUAL NOW.
IT'S A DIFFERENT STORY
AT HARVEST TIME.**

Nodulator® N/T
The Biostacked® Inoculant

There's a reason growers insist on it – Nodulator® N/T is the only inoculant in the market that's Biostacked®. Unlike other offerings, a Biostacked inoculant delivers multiple beneficial biologicals to enhance the performance of soybeans. Nodulator N/T helps increase root biomass, create more nodules and improve nitrogen fixation. Of course at the end of the day, all you have to know is what it does for your bottom line. Nodulator N/T out-yields non-Biostacked inoculants by 4-6%. So why settle for less? Visit agsolutions.ca or contact **AgSolutions®** Customer Care at 1-877-371-BASF (2273) for more information.

 **BASF**
We create chemistry

Always read and follow label directions.

AgSolutions, and **BIOSTACKED** are registered trade-marks of BASF Corporation; **NODULATOR** is a registered trade-mark of BASF; all used with permission by BASF Canada Inc. © 2015 BASF Canada Inc.

SOYBEAN YIELDS BY VARIETY 2010–2014†							RISK AREA 14	
Variety¶	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres	
THUNDER 32004R2Y	—	—	39	35	12,732	30	8,225	
NSC RESTON RR2Y	—	—	—	—	—	28	7,131	
THUNDER 33003R2Y (RT)	—	—	—	37	3,189	27	5,525	
CHADBURN R2	—	—	40	33	4,792	21	4,470	
LS003R22	—	—	40	39	7,256	34	3,852	
DEKALB 23-10 (RT)	—	—	—	32	9,689	27	3,820	
25-10RY	—	28	45	40	5,309	34	3,613	
900Y71 (RT)	—	26	37	39	6,100	26	3,492	
DEKALB 23-60 RY (RT)	—	—	—	—	—	28	1,703	
MCLEOD R2	—	—	—	—	—	25	1,200	
NSC ANOLA RR2Y	—	—	—	34	2,472	27	1,121	
THUNDER 27003RR (RT)	—	—	—	—	—	32	1,098	
SAMPRA R2	—	—	—	—	—	36	1,037	
NSC RICHER RR2Y (RT)	—	—	41	39	600	34	987	
LS002R24N	—	—	—	—	—	26	982	
24-61 RY (RT)	—	—	—	37	1,005	31	965	
GENTLEMAN	30	24	42	35	1,665	20	908	
NSC GLADSTONE RR2	—	—	—	—	—	35	894	
90Y71	—	—	—	—	—	30	799	
NSC ELIE RR2Y (RT)	—	—	41	37	1,952	29	676	
90Y61 (RT)	—	—	—	—	—	30	626	
THUNDER 33005R2Y	—	—	—	—	—	26	598	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES						28.8	126,555	

OATS YIELDS BY VARIETY 2010–2014†							RISK AREA 14	
Variety¶	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres	
FURLONG	46	62	82	88	4,844	65	4,272	
SOURIS	63	78	77	94	4,238	81	4,272	
SUMMIT	—	80	87	109	2,752	87	3,096	
TRIACTOR	—	84	83	114	610	108	1,325	
AC ASSINIBOIA	26	52	67	77	1,518	38	909	
LEGGETT	44	60	68	86	1,486	62	809	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES						74.4	16,233	

BARLEY* YIELDS BY VARIETY 2010–2014†							RISK AREA 14	
Variety¶	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres	
CONLON	28	52	34	78	1,790	60	2,057	
CHAMPION	—	71	45	98	2,320	53	1,875	
CELEBRATION	—	63	56	78	1,293	71	1,456	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES						53.3	6,858	

CORN YIELDS BY VARIETY 2010–2014†							RISK AREA 14	
Variety¶	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres	
PIONEER 39D97 (BT)(LT)(RT)	90	91	116	160	6,344	105	3,718	
PIONEER 39D95 (RT)	81	85	114	139	8,576	92	3,206	
P7632HR (BT)(RT)	—	—	—	—	—	105	2,896	
PIONEER P7443R (RT)	—	77	105	137	3,284	100	1,873	
PIONEER 39V05 (RT)	—	—	113	171	613	112	674	
PIONEER P7332R	—	—	—	—	—	102	672	
PIONEER P7632HR (HX1)(LT)(RT)	—	—	—	—	—	100	568	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES						99.2	14,874	

FLAX YIELDS BY VARIETY 2010–2014†							RISK AREA 14	
Variety¶	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres	
HANLEY	8	12	11	29	1,174	15	1,223	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES						14.4	1,491	

SUNFLOWER YIELDS BY VARIETY 2010–2014†							RISK AREA 14	
Variety¶	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres	
PIONEER 63N82 (O)	—	—	2,240	2,205	895	1,720	640	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES						1996.8	3,383	

FIELD PEA YIELDS BY VARIETY 2010–2014†							RISK AREA 14	
Variety¶	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres	
AGASSIZ	—	—	—	—	—	18	1,083	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES						17.6	1,510	

RISK AREA 15							
CANOLA YIELDS BY VARIETY 2010–2014†						RISK AREA 15	
Variety¶	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014† Acres
5440 (LT)	13	25	25	48	6,896	30	12,274
INVIGOR L130 (LT)	—	25	25	46	5,632	29	9,033
INVIGOR L252 (LT)	—	—	—	—	—	32	7,132
73-75 RR (RT)	—	—	26	45	4,074	23	5,146
1012RR (RT)	—	—	31	41	16,661	31	4,819
45H29 (RT)	11	23	31	44	2,643	30	4,632
PIONEER 45S54 RR (RT)	—	—	—	37	3,168	26	3,516
46H75 (ST)	—	—	27	—	—	5	3,417
VT500 (RT)	—	19	23	36	6,608	15	2,832
INVIGOR L120 (LT)	—	—	23	46	3,926	24	2,471
VR 9560 CL (ST)	—	—	22	45	1,367	22	1,783
CANTERRA 1990 (RT)	—	—	—	41	803	23	1,714
INVIGOR L140P	—	—	—	—	—	37	1,587
INVIGOR L150 (LT)	—	23	25	44	2,574	29	1,229
INVIGOR L159 (LT)	—	—	—	46	2,734	34	1,155
VT 530 G (RT)	—	—	—	—	—	17	1,003
2012CL (ST)	—	—	25	33	1,120	30	877
INVIGOR L160S	—	—	—	—	—	31	752
INVIGOR L154 (LT)	—	—	35	50	2,743	37	661
SY4135	—	—	—	—	—	18	626
74-54 RR (RT)	—	—	—	—	—	24	528
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES						26.1	75,394

WHEAT YIELDS BY VARIETY 2010–2014†							RISK AREA 15	
Variety¶	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres	
CARBERRY (RS)	—	—	43	59	20,674	40	16,932	
FALLER (F)	—	—	54	70	10,345	52	12,526	
CARDALE (RS)	—	—	—	—	—	49	10,433	
FLOURISH (W)	—	—	—	—	—	50	5,400	
CDC STANLEY (RS)	—	—	—	62	1,854	37	4,155	
GLENN (RS)	19	34	41	58	7,821	38	3,719	
PASTEUR (F)	—	—	—	79	1,803	76	2,278	
CDC FALCON (W)	42	61	58	55	16,345	66	1,212	
AC BARRIE (RS)	16	34	39	50	4,134	28	1,053	
WR 859 CL (RS)	—	—	—	—	—	37	921	
KANE (RS)	20	32	40	52	2,308	24	758	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES						45.5	61,424	

SOYBEAN YIELDS BY VARIETY 2010–2014†							RISK AREA 15	
Variety¶	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres	
THUNDER 33003R2Y (RT)	—	—	—	36	1,354	29	7,757	
NSC MOOSOMIN RR2Y	—	—	—	—	—	21	5,411	
900Y61	—	—	34	31	6,188	31	4,692	
VITO R2	—	—	—	—	—	28	4,688	
LS 002R23	—	—	—	33	1,251	30	3,870	
DEKALB 23-10 (RT)	—	—	—	35	6,821	27	3,433	
BISHOP R2	—	—	—	—	—	35	2,414	
THUNDER 32004R2Y	—	—	—	35	6,651	31	2,142	
900Y71 (RT)	—	29	35	—	—	27	1,955	
NSC RESTON RR2Y	—	—	—	36	1,177	28	1,451	
90Y61 (RT)	—	—	—	—	—	28	1,190	
MCLEOD R2	—	—	—	—	—	32	1,060	
THUNDER 27003RR (RT)	—	—	—	—	—	26	575	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES						28.1	49,034	

OATS YIELDS BY VARIETY 2010–2014†							RISK AREA 15	
Variety¶	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres	
SOURIS	56	74	73	95	7,489	74	7,525	
SUMMIT	—	69	75	89	3,997	69	2,886	
TRIACTOR	—	89	84	104	575	84	996	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES						65.2	15,165	

BARLEY* YIELDS BY VARIETY 2010–2014†							RISK AREA 15	
Variety¶	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres	
CHAMPION	23	49	52	103	4,217	61	3,990	
TRADITION	13	—	51	71	1,794	46	1,907	
CDC AUSTENSON	—	—	—	92	1,459	50	1,484	
CELEBRATION	—	—	30	—	—	40	946	
CDC COWBOY	—	—	—	49	711	7	731	
CONLON	20	37	48	74	2,317	34	614	
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES						44.5	11,058	

† Yields only for those varieties grown on more than 500 acres and by more than 2 growers;
‡ Weighted Average Yield and Total Acreage include acres not reported in the table.
¶ For additional characteristic codes, see the key at the end of the Risk Area tables.

‡ On system as of January 5, 2015;
* Assuming 48 lbs./bu.



FLAX YIELDS BY VARIETY 2010–2014†						RISK AREA 15	
Variety¶	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres
LIGHTNING	5	12	10	—	—	21	1,225
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§						16.5	3,518

FIELD PEA YIELDS BY VARIETY 2010–2014†						RISK AREA 15	
Variety¶	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres
AGASSIZ	—	—	46	56	1,266	23	2,359
CDC MEADOW	—	—	—	—	—	25	2,263
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§						24.0	4,622

RISK AREA 16

CANOLA YIELDS BY VARIETY 2010–2014†						RISK AREA 16	
Variety¶	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres
INVIGOR L130 (LT)	—	19	18	16	5,169	20	7,354
5440 (LT)	37	27	22	29	2,313	19	2,447
73-45RR (RT)	—	19	—	—	—	18	1,494
INVIGOR L154 (LT)	—	—	—	—	—	21	1,441
INVIGOR L120 (LT)	—	—	27	9	1,877	22	828
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§						18.2	20,985

WHEAT YIELDS BY VARIETY 2010–2014†						RISK AREA 16	
Variety¶	2010 Yield	2011 Yield	2012 Yield	2013 Yield	2013 Acres	2014 Yield	2014‡ Acres
HARVEST (RS)	40	35	24	27	10,241	34	7,802
CDC UTMOST (RS)	—	—	29	32	5,694	44	5,275
WEIGHTED AVERAGE YIELD AND TOTAL ACREAGES§						36.5	15,793

ADDITIONAL CHARACTERISTICS KEY

WHEAT

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

SUNFLOWER

- (C) Confectionary
- (O) Oilseed

CANOLA & SOYBEAN

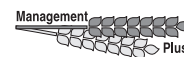
- (BT) Compas (Bromoxynil) Tolerant (BX), Navigator Varieties
- (LT) Liberty Link (LL) - (Glufosinate Ammonium); Invigor varieties
- (RT) Roundup Ready - (Glyphosate Tolerant)
- (ST) Pursuit Smart, Odyssey (Imazethapyr) (~IMI) ; Clearfield varieties
- (TT) Triazine Tolerant

CORN

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

† Yields only for those varieties grown on more than 500 acres and by more than 2 growers;
 § Weighted Average Yield and Total Acreage include acres not reported in the table.
 ¶ For additional characteristic codes, see the key at the end of the Risk Area tables.

‡ On system as of January 5, 2015;
 * Assuming 48 lbs./bu.



A World of Knowledge in Every Bag...

Delivering Performance in Every Field

Elite's focus on early maturity has created varieties of soybeans that are uniquely adapted to Western Canadian conditions. The Elite® brand of soybeans offers cutting-edge products and technology with industry-leading expertise. We select Genuity® Roundup Ready 2 Yield® varieties that are early maturing, widely adapted and high yielding. Our priority is helping you grow.



Visit brettyoung.ca
 1-800-665-5015



BrettYoung™

Home Grown, World Class.

Elite® is a registered trademark of La Coop fédérée. 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. This product has been approved for import into key export markets with functioning regulatory systems. Any crop or material produced from this product 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 this product. Excellence Through Stewardship® is a registered trademark of Excellence Through Stewardship. Always read and follow pesticide label directions. Roundup Ready® crops contain genes that confer tolerance to glyphosate, the active ingredient in Roundup® brand agricultural herbicides. Roundup® brand agricultural herbicides will kill crops that are not glyphosate tolerant. Genuity®, Genuity and Design®, Genuity Icons, Roundup®, Roundup Ready®, and Roundup Ready 2 Yield® are trademarks of Monsanto Technology LLC used under license. BrettYoung is a trademark of BrettYoung Seeds Limited. 3823 10/14

Business Directory

Please support our advertisers by contacting these fine companies for all your seed needs.



Dorothy Gerrard
dgerrard@redsper.ca

Krista Greenaius-Erickson
kerickson@redsper.ca

Accredited Seed Technologists

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

Phone: 204-328-5313
Fax: 204-328-7400

Better seed in so many weighs

www.pioneer.com



B.B.F. Enterprises Ltd

Allan Calder
Letellier Manitoba
204-737-2605

The DuPont Oval Logo is a registered trademark of DuPont.
® TM, SM Trademarks and service marks licensed to Pioneer Hi-Bred Limited. © 2012 PHL.



Agassiz Seed Farm Ltd
A family farm operation producing pedigreed seed since 1940

Growers, Processors, Exporters

Specializing in Edible Bean & Soybean Seed

Earl and Murray Froebe
Jeanie Van Workum (Sales)
Box 54 - Homewood, Manitoba
R0G 0Y0 Canada

Phone: (204) 745-2868
(204) 745-6655
Fax: (204) 745-3841
agassizseed@mts.net



Adam McKnight
Cell: 204.771.2595

Bud McKnight
Cell: 204.745.8707

Homewood, Manitoba Office: 204.745.2310

• Seed Corn • Soybeans and Inoculants • Confection and Oil Sunflowers • Canola •
Alfalfa • Silage-Bacilli Forage Inoculants • Winter Wheat • Turf Grass • Hay Blends •
Precision Trailers • Seed Tenders and Belt Conveyors • Portable Grain Moisture Tester

**Armstrong
Seeds Ltd**
Pedigreed Seed Sales

AJ Armstrong
Boissevain, MB, 204-534-2566

**CEREALS • OILSEEDS • SOYBEANS
CUSTOM TREATING WITH USC TREATER**



Adam McKnight
Cell: 204.771.2595

Bud McKnight
Cell: 204.745.8707

Homewood, Manitoba Office: 204.745.2310

Confection Sunflower Hybrids



**FOR ALL YOUR PEDIGREED SEED NEEDS
FRED GREIG 204-877-3813**



BOX 25
DUFROST, MANITOBA
R0A 0K0
Bus.: 204-347-5588
Fax: 204-347-5890
E-mail: info@catellierseed.com

SeCan



GLEN
Cell: 746-0123

PATRICK
Cell: 746-4546
Res: 204-347-5503

PEDIGREED SEED GROWER/PROCESSOR

CLEARVIEW ACRES LTD.

Walter Heaman & Sons

Ph: 204-748-1354

Virden, MB

dheaman@rfnw.com

MASTIN SEEDS



SeCan



Manitoba Distributor for CRS-1 Hemp Seed



- Special Crop Contracting
- Pedigreed Seed Sales
- Soybean Seed Sales & Treating (Pekko & Moosomin varieties)
- Industrial Hemp Planting Seed
- Grain Roasting / Sterilization
- Industrial Hemp Processing

FISHER SEEDS LTD.

Rod Fisher
R.R. #5, Comp. 111
Dauphin, MB R7N 2T8

Phone: 204-622-8800

Fax: 204-622-8809

Email: rod@fisherseeds.com

www.fisherseeds.com

Court Seeds



Quality Cereals, Oilseeds and Specialty crops

State-of-the-Art Seed Cleaning Plant

Agronomy Services

Over 30 Years of Customer Service

COURT SEEDS & GREENHOUSES

PO Box 280 Plumas, MB RoJ 1P0

204-386-2354 courtseeds@gmail.com courtseeds.ca

FRIESEN SEEDS LTD.

Rick Friesen

Kevin Rempel

Box 308, Rosenort, MB R0G 1W0

Ph.: (204) 746-8325 Fax: (204) 746-8039

E-mail: rick@friesenseeds.ca

kevin@friesenseeds.ca

www.friesenseeds.ca

SELECT SEED GROWERS

SeCan



Brett Young



Dauphin Plains Seeds Ltd.

Dauphin, MB

Jim Kaleta - Ph: (204) 638-7800

Wheat Seed Varieties: Brandon, Carberry, Cardale, Emerson, Faller, Glenn, Plentiful, McLeod RR and Hero RR soybeans



GAGNON SEED SERVICE LTD.

"We are here for you"

A.D. (ART) GAGNON
Email: gagnonseed@goinet.ca
TEL (204) 447-2118

R.R. 2, STE. ROSE DU LAC
MANITOBA, R0L 1S0
FAX (204) 447-3252



(Situating in the village of Reinland)

Sellers of Pedigreed Seeds Since 1942

- Wheat
- Oats
- Edible Beans
- Soybeans
- Corn
- Forage Seeds

Ens Quality Seed

RR 1, Box 218, Winkler, MB R6W 4A1

Phone 325-4658 • Fax 325-4985 • E-mail: info@ensfarmsltd.com



SeCan



GERRARD FAMILY SEEDS

Jody Gerrard

gerrardj@mymts.net

PH: 204-365-0321 • FAX: 204-759-2213

Box 87 Elphinstone, MB R0J 0N0



FarmChem

Servicing the agriculture industry since 1974

204-781-2336

brad.goossen@farmchem.com

BRAD GOOSSEN

National Account Manager

www.farmchem.com

SEED TREATING EQUIPMENT



HERMANN & HEIKE BRINKSCHULTE

Box 1870, Killarney, MB R0K 1G0

Email: info@hb-agriseed.ca

Website: www.hb-agriseed.ca

Phone: 204-523-7464

Fax: 204-523-7066

Cell: 204-215-2522



Box 59, R.R. 1
Morris, Manitoba
R0G 1K0
Canada

PEDIGREED SEED GROWER / SEED SALES

Buyer, processors & exporter of special crops

Soybean & Corn Dealer
Thunder Seeds
Legend Seeds

Ph: 204-746-2026
Fax: 204-746-2343
Email: sales@horizonagro.com
Website: www.horizonagro.com



MARK KEATING

BOX 820, RUSSELL, MANITOBA
CANADA R0J 1W0
TEL: (204) 773-3854
SMS: (204) 773-6853
EMAIL: KEATINGSEEDS@GMAIL.COM

INTEGRITY SEED LAB LTD

Glen Green

Senior Analyst, S.I.R.A., Grader

g.green@integrityseedlab.com

1038 Arlington Street
Winnipeg, MB R3E 2G1
Phone: 204-774-1882
Fax: 204-774-1881

www.integrityseedlab.com

Knight Seeds

Hamiota, MB

Cereals – Oilseeds – Pulses
Seed Treating – Custom Cleaning
Meridian & Grain Max Bin Dealer



Tel: 204-764-2450

Fax: 204-764-2527



David James
President

James Farms Ltd.
For Quality Seed

58-152 James Farm Rd.
Winnipeg, Manitoba
Canada R2C 2Z3
Phone 1.204.222.8785 Toll Free 1.866.283.8785
Fax 1.204.222.0076 E-mail djames@jamesfarms.com



SeCan



Krym Farms Ltd.

High Capacity with Precision
Detail Cleaning & Seed Sales

4 miles West of Winnipeg
Box 56 Rosser, MB R0H 1E0

Phone 1-204-955-5562 Cell
krymfarms@gmail.com

J.S. Henry & Son Ltd.

Bulk Seed, Soybeans, Canola, Corn & Forages
Custom Seed Treating And Inoculating

CONTACTS

Eric McLean
204-365-7412

Marnie McLean
204-365-7702

Box 67 Oak River, MB R0K 1T0

Phone: 204-566-2422

Fax: 204-566-2148

Email: jshenry@inetlink.ca



Load Line
MANUFACTURING INC.

Ph: 204.325.4798
Fax: 204.325.4055
Cell: 204.325.6231



TRUCK SALES • GRAIN BOXES • GRAVEL BOXES • GRAVEL TRAILERS

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



www.seeddepot.ca



We would like to provide
complimentary cardale seed
to CFGB growing projects

Less fusarium & sprouting...better falling numbers



Matt & Bertha Sawatzky
MB SEEDS Ltd.
 Box 217 Lowe Farm, MB R0G 1E0
 Phone: (204) 746-2187
 Fax: (204) 746-2337
 Email: mbseeds@sdnet.ca

Seed Cleaning & Sales / Soybeans / Oilseed / Cereals & Seed Treatment



Pugh Seeds Ltd.
 Pedigreed Seed Growers Processor

Plant Office 204-274-2179

- Bill Pugh: Cell 204-871-1467
- Barry Pugh: Cell 204-872-1851
- Plant FAX 204-252-2424

Box 32 RR 4 • Portage La Prairie, MB R1N 3A4



Darcy Miller Pedigreed Seed Sales & Services

Plant: 204-267-2363 • Cell: 204-871-2207 • Fax: 204-267-2232
 Box 83 • Oakville, MB R0H 0Y0 • Email: darcy@milleragritec.ca



Proven, Reliable, Progressive.

- Pedigreed Seed Sales • Processing, Retail

Guy Rouire | **Guy Labossiere**
 Cell: 745-8425 | Cell: 750-2292
www.rwayag.com
 Toll Free # 866-398-9643
 Box 388, St. Claude, MB R0G 1Z0



Brian Nadeau • Kara Nadeau
Our seeds, your future.

204 - 436 - 2469 | Box 40 Fannystelle, MB | www.nadeauseeds.ca



Craig Riddell
 Certified Seed
 Leading Genetics
 Exact Contract Production

Box 334, Warren, MB, R0C 3E0
 Phone: 204-227-5679, Fax: 204-322-5348, Email: riddellseed@mts.net



CALVIN PITURA **TOM GREAVES**
 DOMAIN, MB R0G 0M0 PH. (204)736-2849 FAX (204)736-2838
www.pituraseds.ca
The Hope of the Harvest Begins with the Seed



www.rjpseed.com 204.745.3304

CARMAN, MB



New Faller* & Prosper* “Yield with Value”

These are high yielding US wheat varieties with slightly lower protein. This extra yield with no current protein premiums available have made FALLER & PROSPER work very well for US farmers.

FALLER & PROSPER are unregistered and prior to registration, certified seed can only be sold for I.P. contracts (Seeddepot.ca). Once registered, we anticipate partnering with our dealers to make FALLER and PROSPER more available to you.

Until then, thank you for your patience with us.

John M. Smith
“Tomorrow’s Opportunity...Today”



204-825-2000
www.seeddepot.ca

Seed Depot Corp

4-5 Londesboro Road, Box 208, Pilot Mound, MB R0G1P0



John M. Smith

President & CEO

Ph: 204-825-2000

Fax: 204-825-2758

john@seeddepot.ca

"Working hard to earn your trust"



Unger Seed Farm Ltd.

GROWER / PROCESSOR / CERTIFIED SEED
FORAGE SEEDS / FRIESEN HOPPER BINS

Ron Unger

CEL: (204) 461-0051

Darcy Unger

CEL: (204) 794-6446

PHONE: (204) 467-8630 FAX: (204) 467-9560

E-MAIL: ungerseed@highspeedcrow.ca

BOX 471, STONEWALL, MANITOBA R0C 2Z0

TRADITION • CELEBRATION • AC METCALFE

SEED-EX Inc.

Malt contracts available for 2015/2016

P.O. Box 238, Letellier, MB R0G 1C0

Phone 204-737-2000 Fax 204-737-2102

Email roger@seed-ex.com

SEINE RIVER SEED FARM
PEDIGREED SEED GROWERS

BRETT YOUNG



SeCan

BRIAN DUECK

FP GENETICS

R.R. 1, BOX 6-A, STE. ANNE, MB R5H 1R1



Cell: (204) 371-7700 • Email: srsfarm@live.com



**Western Feed Grain
Development Co-op Ltd.**

"Farmer Driven Solutions"

Western Feed Grain Development Co-op was established in 2006 to provide Prairie farmer members with access to feed grains suitable for livestock feed and ethanol production.

Annual memberships fund the research and development of varieties.

New variety: WFT 603, General Purpose Spring Wheat

For more information:

Phone: 1-877-250-1552 • Email: info@wfgd.ca • Website: www.wfgd.ca



Contact one of our
agronomists to discuss
all of your certified
bulk seed, forage seed,
canola and fertilizer
requirements

Site 50, Box 56, RR 5
Brandon, MB R7A 5Y5

Phone: 204.763.8998

Fax: 204.763.4921

Located 8 mi. East of Brandon on #1 Highway

**SIERENS SEED
SERVICE**

SEED GROWERS, PROCESSORS, RETAILERS
& CROP PROTECTION PRODUCTS

Call: Joe or Chris Somerset, Manitoba

Phone: 204-744-2883 Fax: 204-744-2429



**WHEAT CITY
SEEDS LTD**

Allan Martin

Phone: (204) 727-3337 Fax: (204) 729-0494

wheatcityseeds@gmail.com

Box 74, Site 30, RR 2 . Brandon, Manitoba . R7A 5Y2

CEREALS • FORAGE • CANOLA
SOYBEANS • SEED TREATING



SISSONS FARMS LTD.

Pedigreed Seed Growers & Processors of wheat and dry edible beans

Portage la Prairie MB

1-204-857-7341

sissons@mymts.net



SeCan

For yield data at the rural municipality level,
and for other crops, check out Manitoba's
Management Plus Program website

WWW.MMPP.COM

Pre-Seed Burn-Off

Why pre-seed weed control has never been more important

A pre-seed burn-off can help control invasive winter- and spring-annual weeds. It helps set up your crop for best yields due to less competition for soil nutrients and less

Direct-seeded fields may have a large number of weeds in the soil. If there is a warm, moist condition in early-, mid- and late-spring, weeds may germinate over a period of time. In a direct-seed field, germination is spread over a longer period.

Spring-germinating volunteer canola needs to be controlled in the spring. Of course, you can add a herbicide to the group than glyphosate. Express® SG or Express® Roundup are good control Roundup.

Wild buckwheat is a spring-germinating weed. Control it in a pre-seed burn-off or in-crop. It's a weed that has always had more resistance to glyphosate than other weeds. Control it when it's small.

University of Saskatchewan research: Spray early. Many growers spray as close to seeding as possible. They want the maximum number of weeds

can give you a good seed bed.

Saskatchewan

Centre trials found a spring pre-seed burn-off application resulted in canola yields increasing by 15 per cent. A 2007 study by Saskatchewan Holten, Johnson and Cleary in Saskatchewan found a spring glyphosate application resulted in significantly higher yields in some cases more than double the yields compared to fields that did not have a pre-seed.

A straight glyphosate burn-off is not the best way to maximize crop yields. Many growers believe there are significant benefits to be gained from using a glyphosate with the add-in of a pre-seed burn-off ingredient. In fact, it can increase yields by 40 per cent of the burn-off alone with a tank mix of glyphosate and a second active.

DuPont was the first company to target the pre-seed market with a dedicated add-in partner," says Jim Smith, DuPont product manager. Successful reduced tillage requires clean fields at seeding. Weeds not controlled early will have a significant impact later.



The miracles of science™

TOUGH WEEDS, MEET EXPRESS®.

Crank up the rate all you want, glyphosate alone still misses a number of hard-to-kill weeds like narrow-leaved hawk's-beard, flixweed, stinkweed, dandelion and volunteer canola. With hotter-than-hot systemic activity, DuPont™ Express® herbicides don't just control weeds, they smoke them from the inside out, getting right to the root of your toughest weed challenges with performance that glyphosate alone can't match. It's no wonder Express® goes down with glyphosate more than any other brand in Western Canada!

Visit expressvideo.dupont.ca to see Express® in action – torching tough weeds like dandelion and volunteer canola right down to the roots, so they can't grow back.

Express® brand herbicides. This is going to be hot.

Questions? Ask your retailer, call 1-800-667-3925 or visit express.dupont.ca

**DuPont™
Express®**

you through to seeding. Express® PRO or PrecisionPac® NC-00439

to glyphosate than other weeds. Control it when it's small.

practice pays big dividends. Data gathered from Canada Production

effectiveness and/or providing residual control.

As with all crop protection products, read and follow label instructions carefully.

The DuPont Oval Logo, DuPont™, The miracles of science™ and Express® are registered trademarks or trademarks of E. I. du Pont de Nemours and Company. E. I. du Pont Canada Company is a licensee. All other products mentioned are registered trademarks or trademarks of their respective companies. Member of CropLife Canada.

©Copyright 2015 E. I. du Pont Canada Company. All rights reserved.



SeCan

Canada's Seed Partner

The **NEW** Wheat King **AAC Brandon** CWRS Wheat

Proud supporter of



- ✓ 5% higher yield than AC® Carberry
- ✓ short, strong straw similar to AC® Carberry
- ✓ moderately resistant to FHB (Good rating)

Genes that fit *your* farm.®

800-665-7333 www.secan.com



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