

Changes in funding for Canada's plant breeders

ALSO INSIDE:

- Grower information
- New varieties registered in 2006
- Pulse breeding work gets financial boost
- Seed update: Growers report ample supplies for 2007
- Weighing the benefits: What farmers say about pedigreed seed

FOR THE FINAL SCORE, TURN THE PAGE...



45H26

PIONEER
BRAND PRODUCTS





PIONEER[®]
A DUPONT COMPANY

**PIONEER[®]
BRAND
45H26**

BEATS

**INVIGOR[®]
5020**



**+2 BUSHELS
BETTER**

45H26 TAKES A COMMANDING LEAD OVER 5020!

In harvest results this season,
Pioneer[®] brand 45H26 scored
an amazing 2 bushels per
acre* better than InVigor 5020.
45H26 is available exclusively
from your Pioneer Hi-Bred sales
representative. Call today for
our best terms of the season!



OUR SASKATCHEWAN REPRESENTATIVES

Petruic Seed Farm	Avonlea	(306) 868-2294	Keg Farms Limited	Outlook	(306) 867-8667
Jim Bletsky	Canora	(306) 563-4991	Turtlecreek Sales	Radisson	(306) 827-7740
Colin Schulhauser	Cupar	(306) 723-4721	Sun Tan Farm Ltd.	Regina	(306) 757-7002
Rob Stone	Davidson	(306) 567-8528	Lawrence Custom Ag Ltd.	Rosetown/Wilkie	(306) 831-7843
Dale Leftwich	Esterhazy	(306) 745-3888	Jim Stadnyk	Saskatoon	(306) 652-8850
Perry Gryde	Frontier	(306) 296-2233	Jim Flath	Saskatoon	(306) 221-4837
Hanmer Seeds Ltd.	Govan	(306) 484-2261	Kevin Larsen	Shellbrook	(306) 747-2685
Murray Chutskoff	Kamsack	(306) 542-3001	Nutrigain Feeds Ltd.	Swift Current	(306) 773-9114
Cheyne Agri Services Ltd.	Kipling	(306) 736-2282	Meridian Ventures Inc.	Tisdale	(306) 873-5473
Roley Rumbold	Kuroki	(306) 338-3840	Larry Briggs	Unity	(306) 228-3157
Phil & Pat Gerwing	Lake Lenore	(306) 368-2622	Ardell Seeds Ltd.	Vanscoy	(306) 668-4415
Jason Simpson	Maidstone	(306) 291-8744	Cam Stokke	Watrous	(306) 946-2804
Chris Lincoln	Maryfield	(306) 646-2161	Jack Giroux	Weyburn	(306) 842-4727
Philip Mansiere	Meskanaw	(306) 864-2914	Rod Sveinbjornson	Wynyard	(306) 554-2918
Brian Doane	Moosomin	(306) 435-9975	Super Seed	Yellow Grass	(306) 465-2727
Hetland Farms Ltd.	Naicam	(306) 874-5694	Rob Bletsky	Yorkton	(306) 783-7630
Nachtegaele Agri Services	North Battleford	(306) 445-3347			

TECHNOLOGY THAT YIELDS[®]



PIONEER[®]
A DUPONT COMPANY

*Data collected from Western Canada through October 13, 2006. Information and results contained herein represent the average of five comparisons across the area indicated. Results may not predict future performance and may not be complete. Product responses are variable and subject to any number of environmental, disease and pest pressures.

*Roundup Ready is a registered trademark used under license from Monsanto Company.
®LibertyLink is a registered trademark of Bayer AG.
®, SM, TM Trademarks and service marks licensed to Pioneer Hi-Bred Limited.
All purchases are subject to the terms of labelling and purchase documents. © 2006 PHL.
CANCA005566P194LVA

Articles

Seed growers report ample supplies for 2007 —
By Shirley Byers 6

Stripe rust in wheat a growing concern —
By Pat Rediger 8

Funding for varietal research concerns plant breeders —
By Barb Grinder 10

Producers see benefits of pedigreed seed —
By Shirley Byers 14

Superb replaces Barrie as top wheat —
By Darlene Polachic 16

How new seed varieties are registered in Canada —
By Barb Grinder 32



ON THE COVER
Western Producer photographer Michael Raine got close to his subject and captured this striking studio image of a germinated barley seed. The Saskatchewan Seed Growers Association reminds producers that seed quality is the key to growing a top quality crop and achieving the highest possible yields.

WP Photo / Michael Raine



What's bugging you? That's the question many producers are asking each other as they check bins and find a lot of bugs that they weren't expecting. Another question is how are producers going to deal with those bugs?

The SaskSeed Guide is a resource that can help answer these questions and others. It offers advice on how to deal with many of the insect and disease problems producers have faced in the past few years. It can also help farmers plan for 2007.

This publication includes the variety information assembled by the Saskatchewan Variety Performance Group, and it addresses important agronomic issues. For example, the pages in this guide list wheat varieties that have solid stems to help prevent sawfly damage. They also list varieties that have shown better resistance to cereal stripe rust. There is also a lot of information in the variety performance tables and even more in the additional comments provided by plant breeders and crop co-ordinators.

Look at all the data when you're deciding which variety to seed. Referring to this data could mean more to your bottom line than simply choosing a variety that has a three percent gain in the yield column.

SVPG stakeholders continue to work toward improving the quantity, quality and value of the variety performance data. But variety performance data is only part of what's offered in the SaskSeed Guide. Sometimes there aren't as many test sites as we'd like, or perhaps there isn't one that's close to your farm. If that is the case, check the seed grower listings for a nearby pedigreed seed grower who has the variety that interests you.

In some cases, your local seed grower will have three or four years of experience growing that "new" variety and he'll be able to tell you how it performs in your area, under differing environmental conditions. A seed grower's knowledge is invaluable in helping you to make the best selection for your farm.

There was a lot of excellent quality seed harvested in 2006, so this might be an excellent opportunity to invest in some new certified seed, regardless of what crop you're planning to seed this season.

Certified seed is one of the best management tools producers can use. The Blue Tag guarantees genetic purity, good germination, uniform maturity and minimum disease levels for your upcoming crop.

And it might help to address some of those things that have been "bugging" you lately.

I want to take this opportunity to wish everyone a safe and prosperous 2007 (and hopefully, a Grey Cup for the Riders).

Tim Charabin
President, SSGA.

Seed Growers List

Barley	53	Hemp	72
Oats	57	Mustard	72
Rye/Triticale.....	59	Beans.....	72
Durum Wheat.....	59	Peas.....	72
Spring Wheat.....	61	Chickpeas.....	78
Winter Wheat.....	68	Lentils.....	78
Canola.....	69	Alfalfa.....	80
Flax.....	70	Grasses.....	81

Looking Ahead

See our convenient variety recommendation lists for a closer look at new varieties being developed for Saskatchewan producers.

Wheat, Rye & Triticale.....	34
Barley & Oats.....	36
Pulses & Special Crops.....	38
Oilseeds.....	40
Canola & Rapeseed.....	42

SaskSeed ^{2007 Guide}
Saskatchewan Seed Growers Association

is published by
THE Western Producer

Publisher: Ken Zacharias
P.O. Box 2500, Saskatoon, Sask., S7K 2C4
Tel.: 306-665-3500 www.producer.com

"Varieties of Grain Crops 2007"
24-page pullout included
with this guide



With the possible exception of newer varieties, Saskatchewan farmers should have no problem securing pedigree seed this year.

Seed growers report ample supplies for 2007

BY SHIRLEY BYERS
*Freelance
writer*

Across the province, growers reported generally good yields and high quality crops in 2006.

ALTHOUGH SASKATCHEWAN seed growers experienced a few production problems in 2006, seed supplies for most varieties are expected to easily meet the demands of commercial producers in the province this spring.

Across the province, growers reported generally good yields and high quality crops in 2006.

Nonetheless, there were some weather-related challenges.

Areas in the province's northeast and east-central regions had excessive rain and some parts of southern Saskatchewan were dry.

"We battled to get our crop in," said Eric Berscheid, a pedigree seed grower at Lake Lenore, Sask.

Berscheid said conditions around Lake Lenore varied from wet to very wet.

About 10 percent of his fields could not be seeded and summerfallow acreage in the area was up significantly.

Unseeded acreage claims were common.

A hot, dry summer helped crops mature and harvest started early, Berscheid added. About 25 to 30 percent of crops came off dry and early thanks to a month of sunshine that began in mid-August and lasted until mid-September.

But then the rain returned, brining downpours of five or six inches at a time. In spite of soggy fields, most harvesting was completed in the area, with the odd field of flax and possibly some canola and late barley still in the fields.

Excess moisture was also the story further north in the Nipawin and Choiceland areas.

Pedigree seed grower Blair Rempel was unable

to seed about 20 percent of his land, located west of Nipawin.

And at Choiceland, Bernie Schultz was only able to seed about two-thirds of his crop last spring. One quarter section was drowned out after it was seeded.

Although producers had to dodge around wet spots, most of the crop was of good quality and yields were good.

"The wheat is all No. 1 and 2," said Schultz.

Kamsack, located further south near the Manitoba border, managed to miss the heavy rains that fell elsewhere and experienced a summer that was almost too dry, said seed grower Rod Fedoruk.

Nevertheless crops were of excellent quality and harvest was completed by the middle of September.

In the North Battleford area, spring rains prevented a few acres from being seeded but lack of moisture during the growing season was a bigger concern, said Tim Charabin.

"We were hampered more by dry conditions in July and early August. Four miles north, crops were beautiful. If you were on the edge of that cloud that was rolling through, it made a big difference."

Kindersley, in the west central part of the province, started the growing year with good soil moisture from fall and spring rains.

Seed grower Walter Fast said seeding conditions were the best he had ever seen but crops suffered later in the year.

"We had pretty good rains through the end of June and then the moisture cut off," Fast said.

"That was the end of it."

According to Fast, pulses and canaryseed were hardest hit. Yields were somewhat reduced, and there was some drought stress, he said.

In the south central area near Assiniboia, conditions last spring were a bit on the dry side, said Gerald Leduc.

Seeding dates made some difference in yield but in general, volumes were average at best.

Canola and flax were hardest hit while barley, wheat and durum fared slightly better. Despite disappointing yields, Leduc doesn't anticipate seed shortages in the area.

It was hot and dry at Oxbow, Sask., in the province's southeast corner. Farmers received only one millimetre of rain through July but yields were good and quality was excellent, said Wayne Amos of Big Dog Seeds.

"Subsoil moisture from last year carried us."

Amos said pulse crops, particularly peas, were hit hardest hit by the lack of moisture. Pinto beans need late season moisture so their yields were down a bit too, but not too far below average.

Seed supplies in the area should be adequate, Amos added.

It was also a dry summer near Shaunavon, Sask., and moisture was even more scarce to the south and west, said seed grower Gerald Girodat. Flowering crops such as peas and lentils suffered the most.

Girodat said he had reasonably good crops, with those on summerfallow yielding average to better than average. In spite of less than ideal conditions, he doesn't expect shortages of any seed varieties.

Though winter wheat acreage across the province was up 53 percent

last year to 275,000 acres, growers said there was plenty of pedigreed seed to meet the demand.

Concerns over disease and pests in last year's crop varied from area to area but overall, pest pressure was minimal.

At Kamsack, Fedoruk said fusarium head blight was non-existent, aschocyta was minimal and there were no sawfly problems, although midge downgraded some of the crops.

According to Charabin, some rust showed up in wheat crops around North Battleford and some sawfly damage was also reported.

Charabin advised that farmers should consider sowing varieties that are more tolerant to rust and sawfly damage.

Around Shaunavon, durum weights were a tad light and ascochyta is becoming more prevalent as chickpea acreages increase.

In general, producers across the province should have access to ample supplies of pedigreed seed, at least for well-established varieties.

To maximize yields and reduce the risk of disease in this year's crop, growers are urged to secure adequate seed supplies well in advance of spring seeding.

Producers are encouraged to book seed supplies early, especially when buying the newer varieties with limited availability.

They are also reminded that wet weather and excess soil moisture promotes disease.

Pedigreed seed varieties that offer enhanced disease resistance should be considered if sowing conditions are conducive to the development of common crop diseases. 🌱

Seeding trends hard to pinpoint

Past weather conditions, the burgeoning ethanol industry and fluctuating commodity prices will be the main issues driving producer's seeding decisions in 2007.

Tim Charabin, a pedigreed seed grower from North Battleford, Sask., said the buzz surrounding ethanol could mean expanded cereal acreage in the coming years.

Dennis Lueke, a pedigreed seed grower from Humboldt, Sask., agreed.

"Guys are listening to hear what happens in ethanol," he said.

As usual, price will be a major determinant of what goes into the ground this spring, he added.

Charabin said oilseeds might seem like an appealing option this year, particularly since prices improved during 2006.

Input costs tend to be lower with oats, Charabin added. That, and better oat prices, could result in more oats being planted this year.

In some areas, excess moisture delayed seeding last spring and resulted in unusually large barley plantings.

This was the case in parts of central, east-central and northeastern Saskatchewan last year. Producers in these areas are likely to cut back on barley acreage in 2007 and opt for crops such as canola.

Nitrogen fixing pulse crops might also be an appealing cropping option, particularly for farmers looking to reduce input bills and cash in on relatively good pulse prices.



Blair Rempel, a seed grower from Nipawin, Sask., said farmers in his area typically grow a lot of canola and that isn't likely to change this year.

Rempel said it is hard to predict what factors will influence grower decisions but he said cereal plantings, particularly oat acreage, is likely to expand.

At Kindersley, seed producer Walter Fast expected more farmers to grow canola and wheat.

"There's a little more optimism," Fast said.

"Things are looking better for a return on those crops. Definitely the biofuel industry is going to help that cause, support the market prices and kept them a little stronger than they have been."

— BYERS

CHECK STORED GRAIN FOR BEETLES

The rusty grain beetle has been showing up in bins across Saskatchewan.

The flat, reddish brown bug lays up to 500 eggs on the surfaces of kernels.

Larvae hatch in three to five days and join the adults to feed on stored grain.

Larvae penetrate the seed and pupate inside, leaving a distinctive hole when they emerge as adults.

This year, an unusually warm harvest in many regions meant that crops went into the bin warm, providing a perfect environment for the insects to grow and reproduce.

As well as reducing germination rates, high infestations of the rusty grain beetle can generate heat and cause grain to mould and spoil.

Farmers should check their bins carefully, seed growers warn.

— BYERS

Stripe rust in wheat a growing concern

CEREAL PRODUCERS in parts of central Saskatchewan are being urged to watch for a new and increasingly prominent cereal disease — stripe rust.

“People are used to leaf rust but (stripe rust) is a different species altogether,” said Brent McCallum, a researcher at Agriculture Canada’s Cereal Research Centre in Winnipeg.

According to McCallum, stripe rust, also known as wheat stripe rust, is usually seen on the leaves of wheat plants but it will also grow on wheat heads.

On the leaves, stripe rust spores form a long thin line, usually the length of a wheat head. On the head, the spores will form on the glume, palea and awns. They will also develop inside the wheat head, next to the developing seeds. At this stage, the spores are called urediniospores.

The orange-coloured urediniospores are spread within and between fields by the wind. New infections can occur throughout the growing season. Urediniospores can travel long distances and often arrive in prairie fields on wind currents that originate in the United States.

“Wheat stripe rust forms in stripes, which gives it its name,” said McCallum.

“They are like pearls on a chain and are orange-red in color. Leaf rust is usually more of a brick red and (the spores) are scattered throughout the leaf.”

In later stages of development, stripe rust also produces teliospores, which are dark, often black in color, and can be seen on the grains themselves. These spores are not known to have an alternate host and they are not considered toxic if the wheat is used for animal feed.

According to McCallum, wheat stripe rust has typically been a problem in coastal areas of Western Canada and the United States, where high humidity and moderate temperatures are the norm during the growing season.

The number of cases documented in Saskatchewan has been rising since 2000 and last year, a severe outbreak was noted in the southeast and east central areas of the province.

“Many growers were unaware of this disease and were confusing it with leaf rust or were not scouting their fields in mid- to late-July or did not realize it was present,” said Penny Pearse, plant disease specialist with Saskatchewan Agriculture.

“In many cases, leaf and stripe rust occurred together in the same crop, making identification by producers even more difficult.”

McCallum and Pearse agreed that last year’s stripe rust outbreak was likely due to the spores overwintering, rather than being blown into the area.

The disease develops best in cool growing conditions, where temperatures do not exceed 15 C. The prevalence of wheat stripe rust last summer suggests the development of a new strain that can withstand warmer conditions. It also appears that dry conditions are no longer as effective in limiting the development of the fungus.

On leaves, stripe rust spores form in orange-red stripes about the length of a wheat head.



Unlike most forms of rust, stripe rust will develop on the wheat head as well as the leaves.

“The recent increase in this disease is due to the development of new rust isolates that are adapted to warmer temperatures at or above 18 C,” said Pearse.

“This means that wheat breeders and pathologists will have to incorporate genes for stripe rust resistance into the cultivars adapted to these regions as it appears the disease is here to stay.”

Yield losses associated with stripe rust can be difficult to determine. Some American sources have claimed yield losses as high as 40 percent.

“At the flag leaf stage, if 20 percent of the leaf is covered with rust, then there will likely be a 10 percent loss in yield,” said McCallum.

Foliar fungicides can provide in-field control of stripe rust, similar for other rusts and leaf diseases.

Research is underway to develop stripe rust resistant varieties, and a study coordinated by McCallum in 2002 and 2003 reviewed the resistance in 28 popular wheat cultivars.

This research indicated that cultivars with the resistance gene Lr34/Yr18 were fairly effective against both stripe rust and leaf rust. Varieties with this gene include AC Corinne, Glenlea, AC Intrepid, AC Elsa and AC Karma. Other popular varieties such as Katepwa, AC Barrie and Kanata do not contain the gene and therefore offer less resistance.

McCallum said future work on this issue will include monitoring the development of stripe rust and reporting on its occurrence, developing guidelines on stripe rust resistance for all current cultivars, and breeding for resistance with an initial focus on Lr34/Yr18.

Saskatchewan producers are encouraged to ask seed growers, agronomists and cereal disease experts about the prevalence of stripe rust in their growing areas.

Last year, disease prevalence varied from field to field with moderate to heavy infestations in areas to the south and east of Regina, toward Stoughton, Sask.

Areas east and west of Regina were also monitored last July with variable infestations reported. 🌾

BY PAT REDIGER
Freelance
writer



PHOTO COURTESY OF BRENT MCCALLUM

PHOTO COURTESY OF KELLY TURKINGTON

Unlock Canola Yields...



JumpStart[®]

Enhancing Phosphate Fertility

... with the phosphate fertility management tool.

JumpStart-treated canola unlocks the phosphate tied up in the soil, and keeps the lock open on applied phosphate fertilizer. As a result, JumpStart maximizes your phosphate fertility investment – and your canola yields.

This year, make JumpStart part of your canola crop's phosphate fertility plan for \$16.21 per acre more profit* and even more value from your input dollars. Ask your local retailer to have JumpStart applied on your favorite canola variety. It's that easy.

www.philombios.com
1-888-744-5662



Smart Farmers Read the Fine Print

*In over 117 farmer applied split field trials, JumpStart increased hybrid canola yields by an average of 7% for an average of \$16.21 increased return after costs, and open pollinated canola by 6% for \$9.22 increase, based on average commodity prices (2001-2005). All trial results are published on our website. ©JumpStart is a registered trademark of Philom Bios Inc. © 2006 Philom Bios Inc. All rights reserved. 3284 09.06

Funding for varietal research concerns plant breeders



PHOTO BY MICHAEL RAINE

Funding for plant breeding programs and basic plant science have changed significantly over the past few decades. Some researchers wonder if changes to Canadian funding mechanisms will serve the best interests of the industry.

BY BARB GRINDER
Freelance
writer

WHEN MANY Canadians hear the word Australia, they think of clear skies and sunshine, sandy beaches, bounding kangaroos and ranches that stretch as far as the eye can see.

But recently, Australia has developed another image, at least among plant breeders and agricultural researchers.

According to an independent study prepared last year by the Thomsen Corporation for Agriculture Canada, Australia spends more on cereal breeding research than Canada or the United States, the other leading cereal exporting countries.

Between 2002 and 2004, Australia's annual budget for cereal breeding research was approximately \$38 million Cdn, the report suggested.

Canada spent less than \$31 million a year during the same period, even though Canadian farmers produce considerably more grain than farmers Down Under.

On a per tonne basis, about \$1.10 was spent on cereal breeding research in Australia, compared to about 70 cents a tonne in Canada, the report said.

It also suggested that Australia's investment in wheat and barley development alone is five times greater than Canada's, a fact that could help to explain why Australia is becoming increasingly successful in capturing key export markets in the global cereal grains trade.

Agricultural research entered a new era at the end of the last century, when the use of genetic engineering and other biotechnologies became commonly used tools in modern plant breeding. Although these tools gave rise to exciting new discoveries and allowed plant breeders to develop beneficial new crop varieties more quickly, they also created new challenges, particularly with regard to funding. In Canada, inadequate research funding is cited as one of the most prevalent concerns among plant breeders. What is the situation in Canada? In this report, freelance writer Barb Grinder looks at the funding issue and some commonly held views.

The Thomsen report also pointed out that while Canada's spending on varietal breeding exceeds that of the United States, the overall funding for cereal research, which includes plant breeding and other types of plant research, is much greater in the U.S. than it is in Canada.

While the findings of individual studies should always be viewed critically, the tone of the Thomsen report appeared to support what Canadian plant researchers have been saying for years: Canadian funding is falling behind.

Although the majority of varietal breeding research in Canada is still being done by the public sector, industry players say there is no doubt that funds for that work have been declining.

Bruce Coulman, a plant breeding expert with the Crop Development Centre in Saskatoon and head of the plant sciences department at the University of Saskatchewan, said he's seen a decrease in total funding for agricultural research and a reduction in the amount of work the money will buy.

"It definitely costs more to do the work today, partly because of inflation and partly because of the higher costs of new technologies," Coulman said.

His colleague, Brian Fowler, went even further, suggesting that the Crop Development Centre, one of

the country's leading facilities in plant science research, could be in trouble if funding doesn't improve.

Although the centre's plant breeding programs have developed hundreds of new crop varieties for Canadian producers, "current research funding is below functional levels," Fowler said.

"The lack of funding is weakening the effectiveness of our programs to the point where they could become essentially non-productive in the near future. Varietal research is a long-term business. You can't expect valid results if you have to stop midway through a program because you run out of money."

Though Agriculture Canada doesn't track the costs of developing a new crop variety, Jeff Stewart, director of crop genetic enhancement for the country's breeding programs, has come up with a rough estimate.

"Costs would vary depending on crop type, but our total budget for spring wheat programs in the last few years has averaged about \$6.6 million a year," Stewart said.

"We work on four or five new varieties of spring wheat a year, at our 20 research stations across the country, so that's about \$1.3 million for each variety," he continued.

"When you figure that it takes about 10 years to actually get a line developed, field tested and registered, it works out to about \$13 million that the government is spending to support each new variety."

Despite the costs associated with varietal development, there seems to be little question about the value of the research to the farming industry.

Recently, the Field Crop Development Centre in Lacombe, Alta., estimated the ratio of return on investment in barley breeding at 10 to one.

Richard Gray, the head of agricultural economics at the University of Saskatchewan, said the rate of return on investment in breeding research for all prairie crops is approximately 40 percent.

"One international study, based on 1,280 individual research projects, showed an overall rate of return of 80 percent," Gray said.

"In Western Canada, the rate of return varies from crop to crop. On wheat and pulse crop research it's about 20 percent a year, but that's still like getting 20 percent interest on your dollar.

"The rate of return on canola research has been much higher," Gray said.

"For every dollar put into it, you get about \$14 or \$15 back."

Acknowledging the shortfall

In a speech given to the Prairie Registration Recommending Committee on Grains last summer, former assistant deputy minister of agriculture, Gordon Dorrell, agreed that federal and provincial funding for agricultural research has dropped in recent years.

And it's unlikely that more money will be forthcoming, he added.

Dorrell said the decrease in public funding for agricultural research has come about, in part, because politicians view farming as a problem rather than an opportunity, and the public often sees the farm sector as a drain on public funds.

"Politicians are faced with a dilemma," Dorrell said.

"They know about the returns on investment from variety development, but they're constrained by the finite funds allocated to each sector.

"There are just too many people looking for more money."

In recent years, some of the decrease in government funding for varietal research has been made up by producer investments, largely through check-off funds.

Though the total check-off funding is small compared to the level of government investment, it's been an important development in the last decade.

According to Keith Degenhardt, chair of the Western Grains Research Foundation, funds administered through that organization

have been responsible for the development of more than 35 improved varieties of wheat and more than 20 new varieties of barley, with higher yields, greater pest and disease resistance and more varied uses for both grains.

Although farmers can opt out of the WGRF checkoff, few do so.

"About 95 percent of them think it's a worthwhile investment, especially as we've convinced the government that check-off monies should earn the tax credit for scientific research," Degenhardt said.

Major donations from the WGRF go to Agriculture Canada breeding programs and the Crop Development Centre at the University of Saskatchewan.

Other recipients include the University of Manitoba, the University of Alberta and the provincial Field Crop Development Centre at Lacombe.

According to Degenhardt, the wheat check-off fund is now the largest producer-supported investment in wheat breeding research in Canada.

Thirty cents a tonne is deducted each year from final Canadian Wheat Board payments to growers, generating more than \$3 million for breeding work annually since 1994.

The barley check-off fund, based on an annual rate of 50 cents a tonne, generates more than \$600,000 annually for barley

breeding research, not including the funds administered by the Alberta Barley Commission.

Lingering concerns

Producer check-offs now exist for most major prairie crops, and with few exceptions, producers support the notion of producer-supported funding mechanisms.

But there are lingering concerns.

Degenhardt said slippage, a scenario where producers try to sidestep the deductions, has become common in some programs.

"The Alberta Barley Commission estimates it loses about 50 percent of the checkoff it should receive," he said.

Also, administration costs for some check-off programs are high.

"Because (the WGRF checkoff for wheat and barley) goes through the CWB, our administrative costs are only about 10 percent of the total contributions, whereas it's more than 30 percent for (some other crops)."

Degenhardt would also like to see other types of wheat and barley producers support the WGRF's funding efforts.

"We've funded research on those grains. For example, we've put a lot of money into research on hullless barley varieties for swine feed, but their growers don't pay into the fund.

"Right now, there are lots of new opportunities for grain producers



PHOTO BY MICHAEL RAINE

The amount of research that each funding dollar buys goes down each year. Limited funding must be stretched further.

CONTINUED FROM PAGE 11

that would certainly bring a good return on any investment we make in research, but we just don't have the funding."

And finally, there is the philosophical debate about the role of government funding.

While the advantage of producer-funded research and industry checkoffs is rarely questioned, there is a growing feeling among many industry stakeholders that public funding is already desperately thin.

As producer check offs become more common, public funding for plant breeding research continues to erode.

Public or private?

As recently as 20 years ago, the public sector – government and educational institutions – were responsible for about 95 percent of all spending on seed and varietal research in Canada.

Today, though the government still funds the lion's share of agricultural research, the private sector is making a much greater contribution, especially in the areas of biotechnology.

According to Fowler at the Crop Development Centre, the public sector still funds most research and development on cereals and specialty crops, but research on canola is now almost completely done by major multinationals like Monsanto, Syngenta and Bayer.

In the U.S., this is also true for corn and soybeans, major crops where biotechnology has had a significant impact.

"Cereals (often aren't) grown from pedigreed seed, so there isn't the possibility of large profits from seed sales," Fowler said.

"But most of the canola crop in Canada is from pedigreed seed and a good share of it is herbicide linked, so the private sector can afford to put a lot of dollars into research, because it can get even more money back."

Fowler said Canada needs a mixture of public and private sector funding, but he is worried about the end results if public sector funding continues to decline.

"The institutions and companies with the money will set the agenda for research and development and the rest of us will have to pick up what programs we can," he said.

"If they're projects that cost a lot to fund, and the private sector doesn't want them, they won't get done, regardless of how important they may be. We could wind up with a system where the kinds of research we do will depend largely on profits and how quickly they can be made."

Tim Ferguson, a research and development specialist with Agricores United and former secretary-treasurer of the Prairie Registration Recommending Committee for Grains, agrees that a mixture of public and private funding is needed if Canada is to stay in the forefront of varietal breeding.

And while Ferguson sees challenges, he's optimistic about the outcome.

"A lot of people say that the private sector ignores smaller crops and less productive regions, where it's easy to see a profit right around the corner. But I don't think that's the case, at least here in Canada," Ferguson said.

"For example, Agricores has been collaborating with the University of Saskatchewan, SeCan and (Agriculture Canada) on a project to develop high carbohydrate-low protein cereal varieties that will give high yields in the Lloydminster area, where Husky has an ethanol plant.

"We have a good start using soft white spring wheat varieties, now grown mostly in southern Alberta for milling, and we're working on developing lines that will grow farther north, with high starch yields, and where quality isn't so important," Ferguson said.

"It would be a low input crop for farmers in that area, and obviously, as the exclusive supplier to the ethanol plant, it would be good for us, but profits are a long ways away."

Questions about public versus private sector funding become even more complicated when it comes to decisions involving plant breeders' rights.

In Canada, new varieties can't be protected by patent law, but they are protected through plant breeders' rights.

Traditionally, this has meant breeders can build on existing varieties to develop new lines without worrying about restrictions on their work or royalty fees.

However, as biotechnology has become a more important part of varietal research, breeders in the public and private sectors have been given the right to patent the special characteristics, new genetic material and even the technologies or processes by which the work is done.

This has given many companies and public institutions the incentive to invest large sums into varietal research.

These investments benefit farmers, but they can also have a downside.

"I would have to say I'm of two minds when it comes to the direction this is going," said Coulman.

"It certainly puts more players into the research game, but it also makes it more restrictive for those people

to work, and more restrictive for farmers as well."

Coulman said that under the new 1991 UPOV (International Union for the Protection of New Varieties of Plants) Convention, which Canada has signed but not yet enacted into legislation, fees can be charged by the original breeders for varieties with more than 50 percent of the genetic material of the older lines.

"If you patent a gene and backcross it into an existing variety, it ties up the new line as well as the old one. And this can mean companies won't want to take it on, and if they do, costs to the farmer will be higher."

Even the public sector has found itself increasingly restricted by patents on the technologies and research tools it has invented when they are used for further experimentation.

This has led to situations where patent ownership on a single variety is so fragmented that it places constraints on commercial development of the seed.

"This has been the case with GoldenRice, a high vitamin-A rice crop developed specifically for Third World countries," said Gray, the agricultural economist.

Because the rice variety has more than 40 patents associated with it, commercial developers have been wary of trying to grow and sell it at a price the markets could afford. 🌱



The patenting of genetic material and new biotechnological processes could place new constraints on private and public plant breeders.

PHOTO BY MICHAEL HAINE



SLICK

NEW Pioneer® brand

46P50

Grow a higher oil content hybrid. Simplify weed control. Get exceptional yield potential.

Pioneer® brand 46P50 with the Roundup Ready® trait is the slick, new high oil content hybrid. With simplicity in weed control and exceptional yields, this superior canola hybrid yielded 105% of Pioneer® brand 45H21 in the 2006 Proven Performance Checks. 46P50 is only available from Agricore United® and it's brought to you by Proven® Seed, our exclusive seed brand.

Agricore United is proud to add 46P50 to our list of exclusive products. For more information on the best Roundup Ready lineup in the industry, see your Agricore United representative, call **1-800-565-7333** or visit our website at www.agricoreunited.com/provenseed.

Guarantee your seed supply today. Buy Pioneer® brand 46P50 early and save with Proven Rewards!

Agricore
United® brings you...

Proven^{SEED}





Prairie farmers appreciate the assurances that come with pedigreed seed.

Producers see benefits of pedigreed seed

BY SHIRLEY BYERS
*Freelance
writer*

**Pedigreed
seed can
pay off
in higher
yields and
bigger
profits.**

WHILE SOME producers may see it as a luxury they can't afford, pedigreed seed can pay off in higher yields and bigger profits, says a Saskatchewan director for the Canadian Seed Growers Association.

CSGA director Larry Littman said additional costs associated with pedigreed seed are no greater than the hidden costs associated with using bin run seed after trucking, cleaning and dockage costs are calculated.

Factor in the increased yield potential, guaranteed germination and other quality factors, and pedigreed seed becomes a sound investment.

There are many reasons why producers should consider investing in pedigreed seed, said Littman.

When farmers buy it, they are not only buying seed. They are buying a guarantee that ensures seed quality characteristics.

These include disease resistance, crop quality and yield potential. They are also paying for the expertise and skill of the pedigreed seed grower.

The production of pedigreed seed is a highly regulated process. The pedigreed seed grower obtains what is known as breeder seed. This is developed by a research company or a public breeding institution.

The seed grower plants the breeder seed on plots no bigger than two and a half acres. The plots are situated at approved locations and the seed is grown at a predetermined set-back distance from other crops that

might pollinate the seed.

Before and during all of the multiplications, from breeder seed down to select, foundation, registered and certified, the grower manages plot rotations to avoid contamination and disease.

Plots are also inspected to ensure varietal purity and to control weeds.

Seed growing operations are also monitored by the Canadian Food Inspection Agency.

After harvest, the seed is conditioned.

"Conditioning involves the removal of impurities, foreign material, undersized or damaged seeds, etc. so that the remaining seed meets strict standards set by the federal government," said Dave Akister, executive director of the Saskatchewan Seed Growers Association.

"Only those conditioning plants authorized and accredited by the Canadian Food Inspection Agency are allowed to condition pedigreed seed, and all pedigreed seed must be conditioned."

Randy McCleary, a commercial grain producer who farms near Chocicland, Sask., appreciates the quality assurance that comes with the blue pedigreed seed tag.

"You get all the traits bred in for yield, disease resistance (and) drought tolerance," said McCleary.

The blue tag delivers all those quality advantages and it guarantees that the seed hasn't been diminished by pollination from other varieties.

Farmer Sam Magnus also depends heavily on the guarantee of proven disease resistance. Magnus farms 4,000 acres at Luseland, Sask., and has been using pedigreed seed for 20 years.

He buys pedigreed supplies of durum, red spring wheat and barley when new varieties come out.

He also buys pedigreed canola seed on a regular basis.

"We grow a lot of hybrid canolas," Magnus said. "The disease problem is probably the main reason why we use pedigreed."

Another attractive feature of pedigreed seed is assured germination levels.

Pedigreed seed growers are required to send seed samples to an accredited lab for testing. The lab ascertains germination levels and records them on a seed declaration form.

The declaration also includes data such as starting quality of the seed, how much is cleaned and in storage, levels of impurities found in the representative sample and any diseases found in the sample.

Also included are the names of the grader, cleaner and the signature of the person who entered the data. The seed declaration is kept on file for at least two years so it can be supplied to the buyer if requested.

"The germination must exceed 85 percent and in most cases a grower wouldn't sell seed unless it was over 90 percent," said Littman.

Access to new genetics such as solid stem wheat varieties is an important consideration.

According to the Canadian Seed Trade Association, the productivity of commercial grain farmers has increased 30 to 60 percent over the past 50 years as a result of genetic improvement made by plant breeders.

Since the mid 1970s, corn breeding has delivered an average yield increase of one bushel per acre, per year.

During the same period, yields in peas, canola and wheat have increased by 32 percent, 25 percent and 22 percent respectively.

Glen Sweet, a commercial producer who farms near Wiseton, Sask., said when he buys a new variety of pedigreed seed, he compares it to bin-run seed by dividing a quarter section in half and seeding 80 acres with each.

Each half of the quarter section receives exactly the same treatment, including fertilizer and chemical applications.

Invariably, the pedigreed seed does better.

"The durum I got this year yielded 18 bushels an acre over what I had been using," Sweet said. "You want the best you can get."

Pedigreed seed is also a good fit with identity preserved crops because it can be traced back to the farm on which it was produced, said Littman.

"If you keep a sample and the blue tag, if there are any problems with off types, it's traceable back to the producer of the seed," he said.

"Consumers want protected food and want to know where it is coming from.... Consumers are conscious of safety and it all starts with the seed." ❧

When farmers buy pedigreed seed they are not only buying seed. They are also buying a guarantee that ensures seed quality characteristics.



See Your Local Co-op for all Your Canola Seed Requirements

**DO NOT PAY UNTIL
October 31, 2007**
using your AgriCard



CO-OP® © Registered Trade-mark of TMC Distributing Ltd., Saskatoon, Sask. S7K 3M9





The Canadian Wheat Board's annual variety survey showed some interesting developments in farmers' seeding decisions last year. AC Barrie, which once accounted for nearly half of the Canada western red spring wheat grown on the Prairies, was displaced as the top variety by Superb.

Superb replaces Barrie as top wheat

BY DARLENE
POLACHIC
Freelance
writer

Across the province, growers reported generally good yields and high quality crops in 2006.

FOR THE better part of a decade, AC Barrie wheat has been making beautiful music in Western Canadian fields, covering more acres than any other variety of Canada Western Red Spring wheat.

But in 2006, the venerable wheat variety played second fiddle to a rising star in the CWRS class, according to an annual survey of wheat and barley growers conducted by the Canadian Wheat Board.

The spread wasn't huge, but according to the CWB's 2006 Variety Survey, Superb edged out AC Barrie as the most popular red spring variety grown on the Prairies.

Superb, a variety developed by Agriculture Canada, accounted for 18.3 percent of the total red spring acreage sown in Western Canada.

Barrie has been the undisputed king of the CWRS class since the late 1990s.

At the height of its popularity in 1999, it accounted for nearly half of all the CWRS acres sown on the Prairies.

But change has been on the horizon for the past few years and Superb has shown a steady increase since its introduction a few years ago.

Superb acreage jumped from about four percent in 2003 to just over 14 percent in 2004. It was also the number one CWRS variety in Alberta that year.

Herb Carlson, a Buchanan, Sask., seed grower, said Barrie has been the standard in red spring wheat for some time, but it wouldn't surprise him if Superb became the standard by which everything else is evaluated.

"In wheat trials, Superb scored nine percent higher than AC Barrie," he said.

"Superb has good bread-making qualities, and it is easy to harvest because it grows on a shorter straw so it doesn't lodge and lays a nice swath.

"I think the fact that Superb matures three days later than AC Barrie may be what has kept it from rising to the top sooner.

"But in long, hot harvest seasons like the one we had this past year, three days doesn't make a lot of difference."

According to the CWB survey, Barrie ran a close second at to Superb, accounting for 17.8 percent of Western Canadian CWRS acreage in 2006.

Interestingly, 40 percent of all red spring wheat sown in Manitoba was AC Barrie, but it accounted for only six percent of total Alberta acreage.

In the Canadian Western amber durum category, AC Avonlea retained its title as the Prairies' dominant durum variety, even though it was almost non-existent in Manitoba fields.

Avonlea accounted for almost half the seeded acreage in Saskatchewan and Alberta.

Kyle ranked a close second, accounting for significantly more than half of the durum acreage in Manitoba.

Boyd Seidle, manager of operations at Agricore United-Dixon, said different varieties are favoured in different areas depending on their agronomic performance and disease resistance in specific soil zones and climate areas.

Strongfield was another strong contender in the amber durum category, accounting for 18.5 percent of the total durum acreage in the West.

Morris Precision Seeding Equipment



There's no better time to buy than right now... See your local dealer to take advantage of discounts on Morris seeding and tillage equipment - make your best deal today. Morris has received wide recognition for building durable farm equipment that is technologically advanced yet easy to operate and maintain. To date, our greatest achievement has been earning the trust and loyalty of our customers. For a complete listing of Morris dealers visit www.morris-industries.com



A & H Farm Supplies

Gainsborough 685-2155

A. E. Chicoine Farm Eq. Ltd.

Storthoaks 449-2255

All West Sales

Rosetown 882-2283

Brownlee Farm Equipment-78-Ltd.

Brownlee 759-2002

Carrot River Impl. Inc.

Carrot River 768-2715

Dusyk Enterprises Ltd.

Montmartre 424-2212

E. Bourassa & Sons Ltd.

Assiniboia 642-3826

Pangman 306-442-2033

F. V. Pierlot & Son Ltd.

Nipawin 862-4732

Full Line Ag Sales Ltd.

Saskatoon 934-1546

Swift Current 773-7281

Hibbard Equipment Ltd.

Minton 969-2133

Ke-ed Equipment Ltd.

Weyburn 842-6626

Kosior Tractor Ltd.

Oxbow 483-5115

Lintlaw Service Centre (1978) Ltd.

Lintlaw 325-2020

Martodam Motors (1983) Ltd.

Spiritwood 883-2045

Midwest Tractor

Davidson 567-3074

Moker & Thompson Implements Ltd.

Melfort 752-2273

Moody's Equipment

Lloydminster 825-6141

Unity 228-2686

Morris Sales & Service

Humboldt 682-5079

Yorkton 782-2445

Nick's Service

Emerald Park 781-1077

Owens & Sweitzer 1972 Ltd.

Eston 962-3637

Parkland Farm Equipment Ltd.

North Battleford 445-2427

Pioneer Co-operative Assn. Ltd.

Sceptre 623-4224

R-J Sales & Service (1991) Ltd.

Wadena 338-2541

Raymore New Holland

Raymore 746-2911

Redvers Agric. & Supply Ltd.

Redvers 452-3444

Schroeder Bros. Impl. Ltd.

Chamberlain 638-4516

Thompson Bearing & Farm Parts

Luseland 372-4242

Westby Tractor & Equipment Ltd.

Watrous 946-3362

CONTINUED FROM PAGE 16

Snowbird rebounds in 2006

Survey results also showed Snowbird as a runaway favourite in the Canadian Western Hard White class. Ninety-seven percent of all CWHW acres on the Prairies were sown to Snowbird in 2006.

Snowbird was the top CWHW variety grown in 2005 as well but the variety didn't perform well under wet growing conditions that existed across much of western Canada that year.

Quality problems included low protein levels and disease damage.

But in 2006, growing conditions were closer to the norm and Snowbird rebounded nicely.

Keith Bruch, vice-president of operations at Patterson Grain, the grain company with the exclusive rights to handle and distribute the identity preserved variety, said millers should be much happier with this year's harvest.

"Agronomically it was an exceptional crop, the colour being very good. Also the baking characteristics are very good and I think we're seeing substantial interest in the marketplace for the product," Bruch said.

The crop is all No. 1 or No. 2 quality, he added.

Graham Worden, senior manager of product development at the wheat board, said judging by the preliminary analysis, the milling quality should be as good as it was in 2003 when the crop was first commercialized.

But he cautioned it is too early to know exactly what customers will think of the product as it is just now making its way into international markets.

The CWB plans to price hard white wheat at parity with red spring wheat in most markets this year, while seeking a premium in some select destinations.

Worden said this will be the last year growers receive the \$2.50 per tonne premium on eligible grades.

The CWB plans to continue with its cautious approach in developing the new CWHW wheat class.

Worden said despite Snowbird coming off an exceptional year, the board still feels vulnerable with one variety comprising 90 percent of hard white wheat acreage.

The board does not plan to expand the program in 2007, meaning a total of 500,000 acres will be contracted, barring unforeseen circumstances.

In the Canada Western Soft White Spring classification, AC Andrew remained the most popular variety.

According to the survey, 85 percent of all CWSWS acres were sown to AC Andrew.

The high protein variety from the Lethbridge research centre accounted for half the sown acreage in Alberta, and almost all of the acres sown in Saskatchewan.

In the Canada Prairie Spring White class, AC Vista came out in top spot, significantly exceeding its closest rival AC Karma.

In 2005, AC Vista was sown on 57.8 percent of total seeded acreage. In 2006, it accounted for 89 percent of total acreage.

Both Vista and Karma were developed by Agriculture Canada and were designed specifically for noodle markets in Pacific Rim countries where white seeded wheats are preferred.



Superb matures three days later than Barrie but it is less prone to lodging and has good bread-making qualities.

In the Canadian Western Extra Strong category, Glenlea, a high-gluten variety developed by the University of Manitoba, accounted for 43 percent of the total prairie acreage in 2006, up from 38 percent in 2005.

And in the Canada Prairie Spring Red class, 5700PR bounced AC Crystal as the top variety, accounting for 38.4 percent of total acreage.

CDC Falcon replaced AC Bellatrix as the top red winter variety. Falcon, developed at the University of Saskatchewan, Crop Development Centre, offers significant improvement leaf and stem rust resistance.

Barley shifting

The Canadian Wheat Board Survey also revealed some interesting data on barley production.

Some positioning occurred in the six-row malting category where Excel dropped from first place in 2005 to fourth place in 2006.

According to the survey, Legacy was by far the most popular six-row malting variety among prairie farmers, accounting for 43.8 percent of the total acres sown. Robust at 18 percent and Tradition at 12.8 percent, placed second and third.

Growing markets and increasing demand from Asian buyers accounted for the popularity of Legacy.

Among two-row malting varieties, AC Metcalfe was the runaway favourite, covering 60 percent of seeded acreage across the Prairies.

CDC Copeland, which accounted for 14 percent of total acreage, finished second, pushing CDC Kendall down to third.

Seed grower John Trawin from Melfort, Sask., said there are several reasons for AC Metcalfe's popularity.

"AC Metcalfe has very good resistance to loose smut and stem rust," he said.

"That means no expensive treatment is necessary, and farmers are always interested in saving money. Also Metcalfe is a good heavy-weight barley compared to ... others. It is readily accepted for malting, as well, and there seems to be a good demand for malt barley right now, mostly due to increased overseas markets."

CWB IP contracts

In addition to CWHW wheat, the CWB will offer several other identity preserved contract programs in 2007.

AC Navigator durum wheat will receive a \$2.50 per tonne premium on eligible grades.

Acceptance levels will be driven by marketing opportunities.

Guaranteed acceptance and delivery will be available as marketing opportunities arise.

Commander extra strong durum will have guaranteed acceptance and delivery on eligible grades as well as storage payments.

A numbered Canada prairie spring red wheat variety, 5701PR, will have guaranteed acceptance and delivery of eligible grades, plus a \$2.50 per tonne premium.

AC Bellatrix, AC Readymade, AC Tempest, CDC Buteo, CDC Osprey, McClintock, Norstar and Radiant red winter select wheat varieties will have guaranteed acceptance and delivery of eligible grades, a \$10 per tonne premium and storage payments.

TOP NEW

Roundup Ready® Hybrids yielded

1200%

or more of check.*



When you choose the Roundup Ready® canola system, you know you can count on superior weed control. But here's a surprise. In 2006, top new Roundup Ready hybrids yielded 120% or more* of check in Prairie Canola Variety trials! Imagine how well these hybrids can yield in your field with the full benefit of Roundup Ready weed control.** See your seed dealer today for more information about these top new Roundup Ready canola hybrids.

Yield Ready. Roundup Ready. Oh yeah, you're ready.

*Source: 2006 Prairie Canola Variety Trials (PCVT). The following Roundup Ready hybrids yielded 120% or more of check: DEKALB® 71-45 RR, Pioneer® 46P50, 45H21, 45H24, 45H26 and Victory v1035. Check variety was 46A65. **In PCV trials, weeds are controlled by herbicides other than those for which tolerance is bred. Individual results may vary depending on environmental conditions and farming practices. Always read and follow label instructions prior to use. Roundup Ready crops contain genes that confer tolerance to glyphosate, the active ingredient in Roundup® agricultural herbicides. Roundup agricultural herbicides will kill crops that are not tolerant to glyphosate. Roundup and Roundup Ready® are registered trademarks of Monsanto Technology LLC. Monsanto Canada Inc., licensee. DEKALB is a registered trademark of DEKALB Genetics Corporation. Pioneer is a registered trademark of Pioneer Hi-Bred International, Inc. Victory™ is a trademark of Cargill, Incorporated [28572-4 SL 11/06] ©2006 Monsanto Canada Inc.

Market for pure oats shows potential

BY DARLENE
POLACHIC
*Freelance
writer*

CELIAC DISEASE is a digestive disease that damages the small intestine and interferes with the absorption of nutrients from food.

People with celiac disease cannot tolerate a protein called gluten which is found in cereal grains such as wheat, barley, rye and triticale.

Oats, on the other hand, are gluten-free. They have been the subject of intensive study on gluten-free diets that people with celiac disease must follow.

Vern Burrows, an Ottawa research scientist and oat breeder, has developed and registered 29 oat varieties during his career.

The last one, AC Gehl, was a bald-seeded or hullless oat named for David Gehl, a fellow researcher from the Agriculture Canada research station at Indian Head, Sask.

Some years ago, Burrows was invited by the Canadian celiac group, composed of gastroenterologists, dieticians and other medical professionals, to become part of the group's advisory board.

The group felt Burrows' expertise in the seed development industry would be helpful in developing an elemental component of the celiac diet — pure oat seed.

"The oats (varieties) of commerce is not pure," Burrows said.

"It is contaminated with wheat, barley and rye. My job is to develop a strategy for obtaining pure oats. For that, you need a dedicated production system and a dedicated processing system."

Burrows said it is impossible to make anything completely pure because there is always the risk of contamination. In the case of people with celiac disease, the question is how much contamination can be tolerated?

For celiac diets, oats would have to be Foundation One level pedigreed oat seed.

"That would make it costly," Burrows said. "But the alternative is a diet restricted to rice, corn, potatoes and a few millets. That's generally pretty bland stuff. Any variation in the diet is welcome."

Burrows felt the best strategy was to use the system already in place for raising pedigreed oat seed and go from there.

"We're talking about Foundation level oats, which allows contamination of only one wheat or barley seed per kilogram of oats," he said.

"The amount of gluten in that one seed would be two parts per million. That seems to be tolerable for celiacs.

"If you look at what's coming into processing plants at the moment, you may see as many as 50 foreign seeds per kilogram. If you're not a celiac, there's no problem. But if you are a celiac, it's a very different game."

Burrows said that growing pure seed requires seed growers to ensure that the seed being planted is pure. The maximum allowable limit is one foreign seed per kg.

Fields also must undergo repeated inspections and harvested seed must be sampled and hand-tested before it goes to a processing plant.

The plant must process the seed on a dedicated system that handles only gluten-free grains.

At this stage, the seed undergoes the R5 Elisa Test, a chemical purity test that can detect gluten in quantities as low as five parts per million.

In Canada, food with gluten levels of 20 parts per million or less can be designated gluten-free. In Europe, the allowable amount is 200



Canadian researchers are attempting to produce pure oat seed for use in specialized celiac diets.

parts per million.

"Medical people here think we will soon insist that the admissible amount of gluten be lowered to five parts per million," Burrows said.

"We don't have a test yet to detect anything lower than that."

The hope of the Canadian Celiac Association is that some Canadian seed growers will dedicate their systems to producing pure oats.

For that to happen, seed growers must refrain from growing any gluten-containing grains, although they would be free to raise crops like canola and lentils.

Burrows said the celiac market is large and growing, partly because systems that diagnose the disease are becoming more sophisticated. "Often, it takes 10 years to get a proper diagnosis. The gold standard test is a biopsy of upper tract of the small intestine."

When gluten is ingested, most people can digest it and break it down to its amino acid components, which are absorbed by the intestine and distributed throughout the body.

"But if you are a celiac, you don't have the genetic enzymes necessary to break down the gluten into amino acids, and that sets up an auto-immune disorder situation," Burrows said.

"The surface of the intestine has finger-like projections called cilia which absorb the nutrients. In the celiac, those are destroyed. You can't absorb food and you lose weight, experience bloating and diarrhea.

"Because you're not absorbing iron, you may become anemic. With low calcium, you can develop osteoporosis. Your organs are affected, and many other diseases can arise because of poor absorption."

If celiac disease is detected early, the patient can recover but the only effective treatment is to go on a gluten-free diet for life.

Burrows said the market for pure oats can go nowhere but up. In Canada alone, the incidence of celiac disease is thought to be about one percent of the population or 300,000 people. The American celiac population is 10 times greater.

"If all those diagnosed wanted pure oats, that would be a very large market indeed," Burrows said.

"And look beyond that to the international market potential. The way I see it, Canada has an opportunity here to develop the international market for pure oats, providing we can maintain quality."

Capturing that market will not be a simple process, Burrows said.

"But there is definitely a niche market for smaller companies and dedicated farmers." ❄️



10 ground breaking years.

Ten years is a long time. Especially with the variety of weather conditions the Canadian climate can throw at us. But unlike the weather, there is one thing we can count on. InVigor® canola. For the past 10 years, InVigor canola has led the way. We were first to commercially bring herbicide tolerant hybrids to market and have been the top yielding for the past decade – even in stressful conditions.

Please join us in celebrating the past 10 years and as we look forward to the next 10!

InVigor®

10 Groundbreaking Years



Bayer CropScience

1 888-283-6847 www.bayercropscience.ca or contact your Bayer CropScience representative.



PHOTO BY MICHAEL FRANK

Farmers are encouraged to do their homework before seeding operations begin.

Sound seeding strategies mean higher yields, bigger profits

BY ALBERTA
AGRICULTURE
Information Bulletin

THERE ARE many factors to consider when seeding a crop including crop rotation, crop type, variety selection, herbicide residue, seedbed condition, soil moisture levels, soil temperature, seed quality, seeding depth and seeding rates.

“Soil temperatures are important from the aspect of emergence,” said Kent MacDonald, a crop specialist based in Stettler, Alta.

“All crop types have minimum and ideal temperature requirements for germination. The trick is to balance this with the time constraints associated with getting all the acres seeded in a short period of time.”

To determine if soil temperatures are adequate for seeding, MacDonald suggests that growers take soil temperature readings at the recommended seeding depth in the morning and in the afternoon.

Producers should take the average of the two readings to determine an average daily soil temperature.

Once average daily soil temperatures reach the minimum level, seeding can begin. (See Table 1)

“Do remember that as soil temperatures increase, the length of time it takes for a seedling to emerge decreases,” said MacDonald.

“Seed quality is key in establishing a good crop,” he added.

Seed should have good germination and vigour, be

free of seed-borne disease and be physically sound.

If possible, use pedigreed seed to ensure optimal yields.

According to MacDonald, germination is the percentage of seeds that develop normally under optimal growing conditions. Vigor is a measure of the physiological quality and potential of the seed to tolerate environmental stress.

“Seed borne diseases can be a problem even with a seed treatment if the level of infection is too high,” he said.

“For example, it is not recommended that pea seed that has 10 percent or more ascochyta be used. The best way to know the quality of seed is it to use pedigreed seed.”

If bin run seed must be used, have it tested at an accredited seed lab.

Once producers have established that seed quality is good, they should handle it properly to prevent physical damage, MacDonald said.

“This is especially important with a crop like peas.”

Seeding depth is often the decisive factor that prevents a crop from establishing itself properly. (See Table 2)

CONTINUED ON PAGE 24

Table 1. Germination Temperatures for Field Crops

	Minimum (°C)	Preferred (°C)
Cereals and Oilseeds		
Wheat	4	20
Barley	3 - 5	20
Oats	5	20 - 24
Canola/rapeseed	5 (Argentine)	15 - 20
	7 - 10 (Polish)	15 - 20

Table 2. Seeding Depth

Crop	Depth in Inches
Hard Red Spring Wheat	1.5 to 2.5
CPS Wheat	1
Barley	1 to 2
Oats	1.5 to 2
Canola	0.5 to 1
Peas	2 to 3

I gained \$10 more an acre, experienced consistently higher yields, controlled flea beetles longer and gained all the confidence and satisfaction I need... all thanks to the proven POWER formula of Helix XTra®.

The POWER can be yours!

Only Helix XTra can muscle up your crop with such dynamic results – out-yield all other canola seed treatments by 2 bushels per acre (at least 70% of the time) – control flea beetles effectively – offer unparalleled proven seed safety – and is chosen by 10 out of the 11 top canola seed companies. We're talking POWER that yields! And this same POWER can be yours!

If you want to get your canola crop off to the best start possible and strive for top yields, ask to have your canola seed treated with the POWER of Helix XTra. Helix® and Helix XTra canola seed treatments pack on POWER that yields, which is why they were used on more than 35 million canola acres over the past six years.

Only Helix and Helix XTra can provide this level of protection because no other canola seed treatment has been as thoroughly researched – and proven by thousands of satisfied growers.

Before: "My crop was slow-starting and being attacked by flea beetles – I was ashamed."



After: "I used Helix XTra and in just one season added 2 bushels per acre."



It can happen to you!

No other canola seed treatment can match the fabulous record of achievement of both Helix and Helix XTra. And now that same proven, time-tested system is entirely within your reach!

Drop by your  HELIX XTra® seed dealer today and find out how you can have these truly amazing results for your canola crop!



Another satisfied customer and Helix XTra champion



For more information, contact our Customer Resource Centre at **1-87-SYNGENTA** (1-877-964-3682) or visit us at www.FarmAssist.ca

Always read and follow label directions.



Seeding rate (lb/ac) = desired plant population/ft² x 1,000 kernel wt. (g) ÷ seedling survival rate (0.90) ÷ 10

Crop	Plant per square meter	Plants per square foot (range)	1,000 kernel weight in grams	Seeds per pound average
Hard Red Wheat	250	24 (16 - 30)	31 - 38	12,000 - 14,600
CPS Wheat	250	24 (18 - 30)	39 - 50	10,800 - 12,000
Barley – two row	210	22 (16 - 30)	40 - 50	9,000 - 11,000
Barley – six row	210	22 (16 - 30)	30 - 45	10,000 - 15,000
Oats	250	24 (16 - 30)	30 - 45	10,000 - 15,000
Canola napus	73 - 178	7 - 17	3 - 4	113,000 - 151,000
Canola campestris	73 - 178	7 - 17	2 - 3	151,000 - 227,000
Pea	75	7 (7 - 9)	125 - 300	1,500 - 3,600

CONTINUED FROM PAGE 22

It is easy to seed at improper depths, especially during the busy spring season.

Growers should take extra time to ensure their seeding implements are set properly and are seeding at a consistent depth.

Depth problems can also occur when farmers move to a new field and seedbed conditions vary significantly from the last field seeded.

“The goal is to place the seed in moisture yet not so deep that emergence is impaired,” said MacDonald. “It’s important to take the time to check the drill setting throughout seeding especially when moving from field to field.”

Seeding rates are another important factor.

“What is desired is a reasonable number of plants established in a given area, said MacDonald.

“This is generally talked about in terms of plants per square foot. When the target plant population is known, it is simply a matter of calculating what that means in terms of pounds of seed per acre.”

MacDonald said the most accurate way to calculate proper seeding rates is to use 1,000 kernel weights.

To determine the 1,000 kernel weight of a particular crop, a thousand seeds can be counted and weighed.

A more efficient method is to count out 100 seeds a few different times, take the average weight and multiply by 10 to get the 1,000 kernel weight.

Once the 1,000 kernel weight is known, the formulas shown in Table 3 can be used. 🌱



For best results, check implements frequently to ensure they are seeding at a proper and uniform depth.

FILE PHOTO

LOOKING FOR SEED?

www.lendon.ca

Browse Western Canada's most advanced web seed & service guide!

Hosted by:

Lendon Seeds Lab



Seed Testing you can trust!

To increase the value of your seed tests we now attach an agrologist report to selected test certificates. Our in-house agrologist reports cover areas such as low vigor seed, disease testing, chemical damage, etc. ***This added service comes at no extra cost.***

Lendon Seeds Lab

108 Elgin Mall (309 1st Ave. NW)

Weyburn, SK S4H 1T1

Please call 306-842-7337 for information on our low prices and sample envelopes.

THE UNDISPUTED CHAMPION



Raxil[®]T

In this corner...weighing in with an even tougher formula – undefeated against both seed and soil-borne *Fusarium* – the most effective opponent against smut – the most intimidating disease label of any seed treatment – the undisputed champion, the toughest thing in pink, Raxil[®]T!



Bayer CropScience

1 888-283-6847 www.bayercropscience.ca or contact your Bayer CropScience representative.

Gene discovery could enhance frost, drought tolerance

BY DEL A. PERRIER
Freelance
writer

“Harsh weather is probably the biggest impediment to crop production in Western Canada.”

—Larry Gusta

PLANT SCIENTISTS at the University of Saskatchewan have isolated a gene found in native brome grass that could one day lead to the development of commercial seed varieties that are more resistant to drought, heat and frost — three of the biggest obstacles facing prairie grain and oilseed producers.

Larry Gusta and a team of researchers at the U of S say the gene known as Rob-5 allows brome grass to withstand the three big challenges better than commercially grown cereal and oilseed crops.

The gene, named after farmer and research collaborator Albert Robertson, was identified in laboratory experiments as the gene responsible for plant hardiness under stressful environmental conditions.

When exposed to harsh conditions, the gene produces a protein that spurs plant growth.

In lab tests, transgenic canola and flax plants that contained the Rob-5 gene withstood temperatures two to four degrees colder than non-transgenic ones.

That additional measure of frost tolerance could be the difference between a bountiful crop and no crop at all, Gusta said.

“Harsh weather is probably the biggest impediment to crop production in Western Canada,” said Gusta.

“The discovery of this gene has the potential to (expand the seeding window) and reduce losses associated with frost, drought and other weather factors that are beyond our control.”

After identifying the Rob-5 gene, Gusta and his team successfully transferred the gene into transgenic lines of canola, flax and potatoes and tested the plants’ resiliency in field trials conducted in Manitoba, Saskatchewan and Alberta.

The results of the trials were impressive.

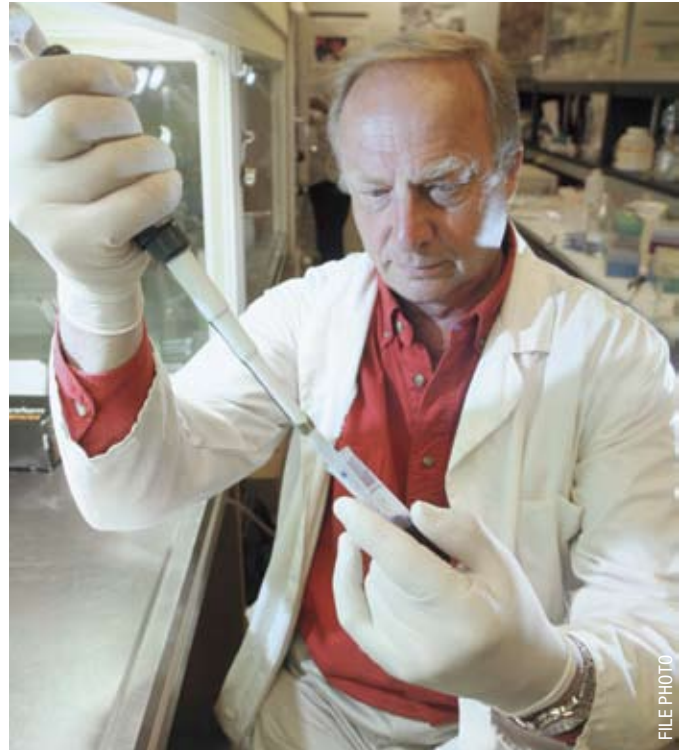
In canola and flax tests conducted during the drought years of 2000 and 2001, plants containing the Rob-5 gene retained blossoms longer during hot, dry conditions and produced yields 20 to 25 percent higher than control plots.

The addition of the Rob-5 gene also reduced germination times in cold soil conditions, reducing the risk of fungal disease in early-planted crops.

Gusta said the results of the field trials were especially encouraging because other organizations that have attempted to isolate such genes have had limited success outside the laboratory.

Another significant aspect of the discovery is that the gene appears to enhance plant vigour, seed yield and plant maturity.

Developing commercial crop varieties with earlier maturity could translate into savings of billions of dollars each year, particularly for



Plant scientist Larry Gusta led a research team that transferred the Rob-5 gene from native brome into canola and flax cultivars.

crops such as canola, which experience considerable yield losses if flowering occurs during the hottest and driest parts of the growing season.

“Two or three days with temperatures around 30 degrees and the flowers blast in canola and flax and you lose them,” Gusta said.

Transgenic plants that contain the Rob-5 gene respond more quickly to drought stress by retaining moisture and making more water available for growth and seed set.

In addition to enhancing dryland crop production, this attribute could also reduce the amount of moisture required by plants grown under irrigation, thereby limiting overall water consumption.

In non-irrigated fields, enhanced drought tolerance would reduce dependence on timely rainfall and could open new areas to commercial crop production.

For example, Gusta said the gene could be added to a variety of plants, potentially pushing crops such as soybeans farther north and offering farmers new cropping opportunities.

Last summer, Gusta and officials from the university’s industry liaison office were in the process of securing a patent and were conducting negotiations with potential industry partners interested in using the gene in the development of new commercial crops.

Details on commercialization have not been made public but Gusta told the *Western Producer* last May that crops using Rob-5 could potentially be made available to farmers within five years.

A deal involving the commercialization of such a discovery would likely require the corporate user to pay a licensing fee for the exclusive right to use the gene.

Under a typical scenario, the licensing fees would be split between the university and the researchers responsible for the discovery.

The university could also earn royalties from individual products that go to market.

Gusta is now working to adapt the Rob-5 gene’s promoter for other genes.

Promoters are the switches that turn genes on and off.

“When you add genes to a plant, you often don’t need them working all season long. They can tax a plant’s resources, so if you can control when they turn on and off, you can keep them (from) interfering with yield,” Gusta said. ❁

SeCan Genes that fit *your* farm.



For exceptional value and trusted performance, we're Canada's favourite genes.

When you want comfort and fit, you reach for your favourite jeans. When you invest in seed genetics, you can get that same comfort and fit with SeCan.

In 30 years SeCan has returned over 42 million dollars to public and private

plant breeders in Canada. And now SeCan offers the longest line of top performing varieties in more crop types than any other seed brand. That's why more Canadian farmers count on SeCan as the best fit for their farm.

Make the comfortable choice.

For genes that fit *your* farm, contact your SeCan seed retailer today.

SeCan

Canada's Seed Partner

www.secan.com

Trials show Super Oat's potential

BY DEL A. PERRIER
Freelance
writer

“Cattle just don't gain as well on normal oat as they do on barley.”

—John McKinnon

LIVESTOCK PRODUCERS in Saskatchewan will soon have access to a new Super Oat variety with a nutritional profile similar to barley.

CDC SO-I, or CDC Super Oat - Variety 1, is the first oat variety that combines a highly digestible hull and a groat that offers a higher fat content than traditional oat varieties.

It was approved for registration in 2006 by the Canadian Food Inspection Agency.

FarmPure Seeds Inc. of Regina will produce pedigreed seed supplies and commercial production of the new variety is expected to begin in 2009.

The commercialization of new oat varieties would normally require many years of development and testing but researchers at the University of Saskatchewan's Crop Development Centre decided in 1999 to fast track the research cycle in hopes of bringing CDC-SO-1 to prairie producers more quickly.

Rather than developing field-ready varieties for animal testing, CDC plant breeders led by cereal breeder Brian Rossnagel produced prototype breeding lines with the desired nutritional traits.

Collaborators at the U of S department of animal and poultry science and the Feeds Innovation Institute, formerly known as the Prairie Feed Resource Centre, conducted feed tests using the prototype breeding lines. The results of the feeding trials helped bring CDC SO-I to market much earlier than normal.

John McKinnon, an animal nutrition expert from the department of animal and poultry science at the U of S, said the new variety offered higher energy levels than existing oat varieties and was easier to digest, meaning animals could eat larger quantities and gain weight more quickly.

“Cattle just don't gain as well on normal oat as they do on barley because of the (oat) hull's high lignin content,” said McKinnon.

“Normally 20 to 25 percent of the oat is comprised of the hull. The hull is typically high in lignin, which contributes to low digestibility, and thus, a lower energy value for oat relative to barley for ruminants.”

CDC SO-I still has as much hull as other oats, but its hull is more digestible and therefore more useable as an energy source, McKinnon said.

The second unique component of the new oat line is its high-oil groat.

The groat refers to the actual oat seed once the hull has been removed.

“The oil or fat content of the groat in this new product is slightly greater than eight percent, whereas typical (oat) varieties only average five percent,” McKinnon said.

“It is a significant improvement in oil content. The higher the oil content, the more potential energy is available to the animal.”

According to McKinnon, beef and dairy feeding trials on



In feeding tests, animals fed CDC SO-I rather than barley showed similar average daily gains and feed conversion rates.

backgrounding calves at the University of Saskatchewan feedlot in Saskatoon and at the Western Beef Development Centre in Lanigan, Sask., confirmed the oat's feeding potential.

The feeding trials compared the nutritional properties of the new oat variety with those of barley and corn.

“We found that backgrounding cattle fed either the oat-based or a barley-based diet showed similar intakes and delivered equal performance in both average daily gain and feed conversions,” McKinnon said.

According to Rossnagel, the development and registration of an oat variety with a low-lignan hull and a high-oil groat is a significant development for the cattle feeding and oat production industries.

While oats are generally cheaper to grow than barley and offer higher yield potential, they pack less nutritional punch because they are harder to digest, Rossnagel said.

CDC SO-I offers high yield potential, improved nutritional characteristics and the lower production costs normally associated with oats, he said.

“The important part of this is that, agronomically, when you look at oats relative to barley or other cereals, the input costs aren't as high,” McKinnon added.

“With this new variety, you are still getting the benefit of oats typical high yield. So it is cheaper to grow this new line of oat than barley, and producers are getting the same performance with backgrounding cattle.”

Trenton Baisley, president of Super Oats Canada Ltd. and CEO of FarmPure Seeds, said collaboration between the project's various partners was the key to rapid development of the new variety.

“This is a superb example of technology transfer, where the university, farmers, and the government have worked together to bring a really innovative variety to market,” said Baisley.

“We export 90 percent of the feeds produced in Saskatchewan,” added Scott Wright, executive director at the Feeds Innovations Institute.

“There are huge opportunities to create more value adding, to support and build the local feed industry and position Saskatchewan as a world leader.”

The development of CDC SO-I was funded by SuperOats Canada Ltd., the Saskatchewan Agriculture Development Fund and the University of Saskatchewan.

Super Oats Canada has also agreed to fund future CDC oat breeding projects aimed at developing other varieties with enhanced feeding potential. ❦

Variety recommendation system streamlined



FILE PHOTO

The new system of variety registration recognizes the expertise of crop specialists at the subcommittee level.

THE END is near for the Prairie Regional Recommending Committee for Grains, the body responsible for recommending of new seed varieties for registration in Western Canada.

At its next annual meeting, the PRRCG will be replaced by the Prairie Grain Development Committee, or PGDC, the new body that will oversee the recommendation of new seed varieties in Western Canada.

Within the new structure, former PRRCG sub-committees will be independently responsible for recommending new seed varieties for registration.

To reflect their new status, the former PRRCG subcommittees will also adopt new names:

- The Prairie Recommending Committee for Wheat, Rye and Triticale
- The Prairie Recommending Committee for Oat and Barley
- The Prairie Recommending Committee for Pulse & Special Crops
- The Prairie Recommending Committee for Oilseeds

The function of the Western Canadian Canola/Rapeseed Recommending Committee, or WCCRRC, will not change under the new system.

The recommending committees listed above will report directly to the Canadian Food Inspection Agency and will also consider any appeals associated with varietal registration.

Scott Duguid, a senior plant breeder with Agriculture Canada in Morden, Man., and a former chair of the PRRCG, said the changes will streamline the registration process.

"It's really a de-evolution of the old system, eliminating the overlap of the sub-committees and the overall committee's functions," Duguid said.

"In the old PRRCG, the actual approvals were made by the sub-committees, who were experts in each crop area. The recommendations were then sent for approval to the PRRCG overall body, which essentially rubber-stamped them before sending them for

final approval by the CFIA."

The new process recognizes that the expertise lies at the committee level, rather than with the umbrella group, Duguid said.

It will also eliminate some of the procedural conflicts that the old system made possible.

"Under the old PRRCG, the umbrella group had the power to override the decisions and expertise of the sub-committees and to handle appeals for varieties that didn't receive recommendations. There was also some conflict in the way things were handled. For example, the procedures of the oilseeds committee were different than those of the grain committees."

In the new system, the PGDC umbrella group will serve mainly to facilitate and organize an annual meeting of the recommending committees, Duguid explained.

The PGDC and its committees will continue to act as a forum for the scientific discussions related to the identification of research priorities and the development of improved cultivars.

It will also advise regulatory agencies on matters pertaining to variety breeding and cultivar production.

Kelly Turkington, a pathologist with Agriculture Canada, will serve as the new chair of the PGDC. Bill Chapman, a cereal specialist with Alberta Agriculture, is the new secretary-treasurer.

Two representatives from each of the registration recommending committees and a member at large will also sit on the PGDC board of directors.

— GRINDER

SeCan

Canada's Seed Partner

Genes on-line.

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

Everything you need to know about a lineup of top performing varieties. Make the comfortable choice. Then contact a SeCan seed retailer near you. It's easy to find *your* perfect fit.





Canadian producers have a worldwide reputation for growing high quality malting barley.

Canadian malting barley a favourite at home and abroad

BY DARLENE
POLACHIC
*Freelance
writer*

**Global
markets for
AC Metcalfe
continue to
grow.**

ASK A BREWMASTER what differentiates a good beer from a great one, and his response will likely include the word malt.

Malt barley is top quality barley that is germinated in a specific way for the beer industry.

The malting process transforms the natural starch in the seed to a simple, fermentable sugar that gives beer its distinctive flavour and alcohol content.

"Brewers often refer to it as the soul of the beer," said Jack Foster, director of barley procurement for Prairie Malt Limited in Biggar.

"Each brewhouse has a different requirement in terms of how their malt is prepared. Some brew their beer with all malt, others add a high adjunct like wheat or rice. Some want a specific foam retention or a certain enzymatic package. Others are concerned with soluble protein. We have thirty different customers and 60 different recipes."

Yueshu Li, director of malting technology with the Canadian Malting Barley Technical Centre in Winnipeg, said all barley varieties in Canada can be sold as malting barley if they perform well in the farmer's field and in the brewery.

However, some varieties have superior characteristics. Harrington, a popular variety developed in Canada

and adopted around the world, was the king of malting barley for 20 years, but today there are newer varieties that offer higher yields and better disease resistance, he said.

Each year, the CMBTC prepares a list of the top malting barley varieties based on market data and survey information from grain companies.

The list takes into consideration product demand from domestic and export markets, as well as feedback from the international brewing industry.

Last year, two-row varieties topped the list.

AC Metcalfe was the runaway favourite with CDC Kendall and CDC Copeland also in good demand.

"The demand for those varieties is high because three things: agronomic performance, quality performance in malting and brewing, and industrial performance," said Li.

"Barley is barley, as long as it is good quality, but the industry demands what it likes in terms of end product. Different barleys produce different beers and the processing requirements are different."

According to Li, American brewers generally favour six-row barley, but they will buy some two-row, as well.

"The U.S. brewing industry is focused on a large consumer population," Li said.

“Six-row barley is their preference. One reason is availability. They import quite a bit from Canada. The trend for them in the last few years has been away from Harrington toward AC Metcalfe.”

Asian brewers, on the other hand, prefer two-row barley.

Li said the favoured variety depends largely on the location and region of the brewery and its specific brewing practices.

“The brewing industry in Asia, particularly China and Japan, tends to be fairly conservative,” he said.

“The raw material they use impacts the quality and taste of their beer, and they are slow to switch varieties because their consumers don’t want the flavour or character of their beer to change. They want nice foam and colour, and a good flavour and feel on the tongue. All of these things are influenced by the barley type and how it is produced,” he continued.

“For optimum brewing, for instance, you don’t want the protein level of the barley to be too high. Ideally, it will be between 10.5 and 13.5 percent. If the crop gets too much fertilizer during the growing process, it may end up with a higher than optimal protein.”

When new barley varieties come on the market, the industry conducts extensive testing that includes malting and brewery trials.

Before brewers consider switching varieties, they must ensure there is no negative impact on end-product quality and taste.

“The Chinese brewing industry developed pretty late,” Li said.

“It only began large-scale beer production around 1985, but it has been picking up ever since. China imports two-row barley from Canada and Australia. Some of the smaller brewers there use a combination of two-row and six-row barley.”

Proven track record

The Japanese market has been importing malt from Canada for many years.

Bob Cuthbert, the Canadian Wheat Board’s senior marketing manager for barley, said Canadian barley is the world’s first choice for making beer.

“In years past, Harrington was the barley of choice, but that is now changing,” he said.

“Metcalfe is in demand from all quarters, and we have several large buyers for CDC Copeland, and a couple of significant buyers for CDC Kendall.”

“Kendall tends to have higher protein and is more accepted by domestic maltsters. Higher protein produces a darker coloured beer. The Chinese prefer a lighter colour.”

According to Cuthbert, Metcalfe accounted for half of the barley

seeded in Western Canadian fields last year and half the barley purchased by maltsters around the world.

“It is widely accepted by maltsters domestically, and it is all the Chinese are buying right now.”

Metcalfe is also favoured by brewhouses in Columbia and South Africa.

South America imports roughly 125,000 tonnes of Metcalfe and Copeland each year.

Cuthbert said China has emerged as a major buyer of Canadian malt and malting barley.

China imports 300,000 to 800,000 tonnes of Canadian barley each year. Of that, about 50 percent is Metcalfe, 30 to 35 percent is CDC Copeland, and 15 to 25 percent is CDC Kendall.

“The demand potential is strong and getting stronger,” Cuthbert said.

“China is the fastest growing market for malting barley. The consumption of beer there is growing exponentially with population growth and rapidly rising disposable incomes. In fact, China has now surpassed the U.S.A. as the world’s top consumer of beer. Vietnam is also coming on track. There are 80 million people there.”

Prairie Malt Limited in Biggar, Sask., is a barley processing facility that supplies malted or partially processed barley to brewers in Japan, the United States and Canada.

Each domestic customer has its own preferences in terms of flavour and aroma.

“We take raw barley, which contains a natural starch, and germinate it,” Foster explained.

“The sprouted seeds are then kiln dried and partially cooked. This is the product we supply to our customers. The aim is to reduce the moisture content to four percent.

“Following drying, the barley is in a very friable (or easily broken up) state, though to the average layman, it would still look like a sprouted barley kernel.”

Current favourites among domestic brewers include Metcalfe, Kendall, Harrington and Legacy.

Foster said there is currently no domestic market for malt made from CDC Copeland.

“Unfortunately, the seeded acreage of Harrington has declined until it has nearly disappeared, but there is still a strong customer demand for it,” Foster said.

“The industry may have to come up with some programs to keep Harrington alive. As it is right now, demand outstrips supply by tenfold.”

SeCan

Our genes only come in blue.

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

Make the comfortable choice.
Choose SeCan certified seed.

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



How new seed varieties are registered in Canada

BY BARB GRINDER
*Freelance
writer*

REGISTRATION OF new seed varieties under the Seeds Control Act has been part of the agricultural regulatory process in Canada since 1923.

To date, well over 5,500 varieties have been registered, more than 70 percent of them since 1975.

According to a history written by Grant Watson, former registrar of variety registration with the Canadian Food Inspection Agency, the move to a mandatory registration process was adopted due to an

influx of unscrupulous seed sellers from the United States, claiming their wheat seed would produce large yields, often in excess of 100 bushels per acre.

Since then, Canada's Seeds Act, and the registration process that it controls, have gone through many changes, but the mandate of the regulations remains the same: to ensure seeds sold in Canada and exported abroad are properly labelled and meet established standards for quality and varietal purity.

The process by which a new seed variety is developed, registered and made available to Canadian producers is long and complex, but in a nutshell, it follows six important steps.

Step 1: Filling a need

Many different strategies are used to establish goals for new seed breeding programs, but most start with discussions between producers or other industry members about their crop needs, said Scott Duguid, a flax breeder with the Agriculture Canada research facility in Morden, Man.

"To take one example, last year the flax industry established Flax Canada 2015, a development strategy to provide direction for flax breeding and production in the next 10 years," Duguid said.

"It sets out general research and development goals for human, livestock and industrial uses of the seed and for making use of the straw, rather than just burning it. Each facet of the program does its own research, including conducting feeding trials and clinical studies.

"The barley industry also has an excellent system of directing (research and development) programs, some of it set by the malting industry, some through a producer check-off system that provides research dollars," Duguid added.

Much of the research is aimed at developing varieties that will provide greater yields, improved disease resistance or better agronomic characteristics, he said. But improving the quality of the end product is also important.

Market influences and competition, farmer demand, funding and environmental concerns also play a part.

"Canadian grain has had a long reputation for high quality that we need to continue."

Step 2: The breeding process

Plant breeders begin by searching existing varieties for the traits they want to enhance or add to a new variety. Once promising cultivars are identified, the germplasm is isolated. Through cross-breeding and genetic identification, new lines are developed. These lines are again examined for the best combination of traits and the process is repeated until the traits are stabilized. It typically takes 10 generations of cross-breeding to establish desired traits and to weed out undesirable qualities.

Step 3: Co-op trials

Exhaustive laboratory work moves to the field as promising new varieties are tested under actual growing conditions in appropriate regional locations. These tests are co-operative efforts between the breeding institutions and producers, hence the name co-op trials. Producers, researchers and industry representatives administer and evaluate the trials.

Step 4: Recommending new lines

Only crop lines that perform well through the co-op testing process and are deemed to be of significant merit are selected to proceed to the appropriate crop recommending committees. Recommending committee members make final decisions on whether the line is equal to or better than existing or "check" varieties. Based on these assessments, the committee will decide whether to recommend the line for registration by the CFIA.

Step 5: Final registration

The CFIA has 21 recommending committees to test and assess whether the recommended varieties meet or exceed merit requirements. After that, another eight-member advisory committee on variety registration makes the final approval decisions. Most new lines that make it this far are approved.

Step 6: Commercial production

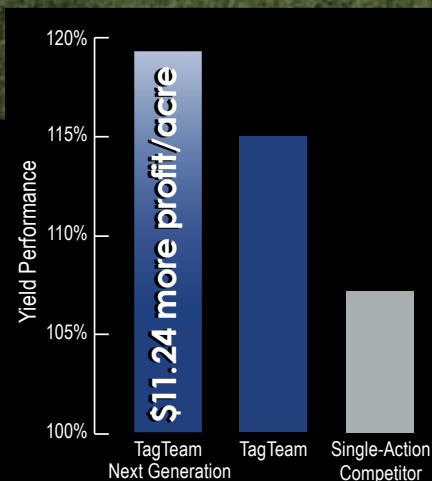
If a public or government institution, rather than a private breeder, submits the new line, tenders are sent to seed companies, which bid for the right to develop and sell the variety in commercial quantities. Rather than tendering to the highest bidder, Duguid said tenders are usually awarded to a company that can most effectively make the seed widely available to growers at a reasonable cost. Licensing fees and royalty revenues are also considered. Selection is by a committee of research managers, industry representatives and producer representatives. If the new variety comes from a private breeder, authority to develop the line is, of course, awarded to that company.

Once tendered, the seed is multiplied through the pedigreed seed process. ❁



Technicians sow a plot at the Agriculture Canada research station in Portage la Prairie, Man.

Next Generation



TagTeam[®]

MultiAction™ Legume Fertility

Take the Value Challenge

Next Generation TagTeam inoculant brings a patent pending new strain of rhizobia and formulation improvements to the market. Next Generation TagTeam sets a new standard in value and performance for pea and lentil inoculants. Talk to your retailer about taking the TagTeam Value Challenge and experience the value of Next Generation TagTeam on your farm in 2007.

www.philombios.com
1-888-744-5662



Smart Farmers Read the Fine Print

*On average, Next Generation TagTeam inoculants for pea and lentil outperformed competitor, single-action (nitrogen fixing only) inoculants by 12% in inoculant responsive small plot sites. That's an average of 5 bushels per acre, and a net return, after the cost of the inoculants are removed from the returns, of \$11.24/acre based on five year average commodity prices (2001-2005). ©TagTeam is a registered trademark of Philom Bios Inc. ©2006 Philom Bios Inc. All rights reserved. 3286 10.06



ISTOCK PHOTO

WHEAT, RYE & TRITICALE

The Prairie Recommending Committee for Wheat, Rye and Triticale evaluates lines based on agronomic performance, disease resistance and end-use quality.

BW315A — This Canadian Western Hard White (CWHW) wheat variety was recommended for interim registration to facilitate market testing. The variety has a solid overall package of disease resistance, yield potential and seed quality. While the CWHW class will take time to deliver the same performance as Canadian Western Red Spring wheat varieties, BW315A represents a significant improvement over earlier CWHW varieties.

BW824 — This Canadian Western Red Spring (CWRS) wheat variety features tolerance to the Clearfield line of herbicides. It was developed using conventional breeding techniques and has high yield potential, equal to Superb. The variety was developed by the University of Saskatchewan, Crop Development Centre.

KANATA — This Canadian Western Hard White (CWHW) wheat line has been interim registered since 2001 to facilitate market testing of the CWHW wheat class. With interim registration status due to expire during 2006, the

Wheat, rye and triticale lines recommended for registration

line was recommended for full registration. Kanata was developed along with Snowbird as the first varieties of the CWHW class. Snowbird was identified as the major variety to push for production, but it has recently performed poorly under wet conditions. Full registration of Kanata would allow the line to be used more widely, as a production alternative to Snowbird, while the industry develops improved varieties for the future.

Kanata was developed by Agriculture Canada, Winnipeg.

PT213 — This Canadian Western Red Spring (CWRS) line is ideally suited for wheat producers in northern areas. Typically, when wheat breeders breed lines for early maturity, the sacrifice is lower yield potential. By the same token, higher yield potential usually means less protein. PT213 offers an improvement of all three key traits. In Parkland area testing, it matured 1.6 days earlier than AC Barrie, yielded 9.2 percent higher than AC Splendor and maintained protein concentration comparable to the check varieties. PT213 was developed by Agriculture Canada, Swift Current.

BW342 — This Canadian Western Red Spring (CWRS) line has a high test weight, good sprouting resistance and it looks like a good replacement for AC Domain. The variety also has a good falling number, with milling yields that exceeded those of the check varieties. BW342 performs well in eastern prairie regions and offers excellent rust resistance. The variety was developed by Agriculture Canada, Winnipeg.

SWS349 — This Canadian Western Soft White Spring wheat (CWSWS) variety performs like a proven winner. It combines an excellent agronomic package with increased test weight and very good seed quality. The variety was developed by Agriculture Canada, Lethbridge.

99SPELT9Z — This spring spelt wheat is the first awnless spring spelt to be recommended for registration on the Prairies. It offers higher yield potential, higher grain protein content, earlier maturity and stronger straw than CDC Nexon. The variety was developed by the University of Saskatchewan, Crop Development Centre.

Other subcommittee news

Formalizing an independent committee

At the 2006 PRRCG meeting, final modifications to operating procedures were discussed as part of the transition of the former Wheat, Rye and Triticale Subcommittee into an independent recommending body known as the Prairie Recommending Committee for Wheat, Rye and Triticale. Under the new procedures, the committee will deal directly with the Canadian Food

Inspection Agency in recommending candidate cultivars for registration.

Major KVD issues

Members discussed the restrictions that Kernel Visual Distinguishability, or KVD, is having on wheat development, particularly for winter wheat. Over the past three years, no new winter wheat varieties have been registered and the major reason has been KVD conflicts. Canada's quality assurance system for wheat has long relied on KVD as a segregation tool, but it is proving inadequate to accommodate breeding efforts for an expanded number of wheat classes. In addition to winter wheat, there are indications that KVD may also pose a substantial roadblock for the new hard white wheat class. At the 2006 PRRCG meeting, the candidate line BW315A was recommended for registration, but not before lengthy debate regarding a KVD issue. The cultivar has a kernel shape similar to the soft white spring wheat class.

Spelt wheat protocols

Testing and evaluation protocols were accepted for new private spelt wheat trials. Spelt is a covered wheat species targeted at human food uses that has generated rising contract production and market interest in North America over the past decade.

This information was reprinted, with permission, from the 2006 PRRCG Report, prepared by Meristem Land & Science, www.meristem.com.



Canola

Better seed. Better yield. Always.

BrettYoung and HelixXtra® join forces to deliver the best-yielding canola products available today. The best genetics. The best seed treatment. The best advice. Another way BrettYoung always comes through. For a BrettYoung dealer near you call 1-800-665-5015, or visit www.brettyoung.ca

POWERED BY
HELIX^{XTra} **syngenta**

BrettYoungTM
Always Come Through.



ISTOCK PHOTO

OATS & BARLEY

The Prairie Recommending Committee for Oats and Barley evaluates lines based on agronomic, disease and quality performance.

BT974 — This six-row feed barley variety has a strong disease resistance package, meeting all priority one disease concerns except for scald. The line offers good kernel plumpness, uniformity and straw strength. It was developed by Hyland Seeds and Agricore United.

TRO4378 — This two-row feed barley offers a significant improvement in fusarium head blight resistance and has reasonable spot blotch tolerance in a package that compares well with the best feed varieties in terms of kernel plumpness, uniformity and straw strength. TRO4378 also features yield potential similar to that of AC Metcalfe. The line was developed by the University of Saskatchewan, Crop Development Centre.

TRO4719 — This two-row feed barley has high yield potential and very good kernel weight. It features excellent adaptability to growing conditions across the Prairies. The line was developed by Western Plant Breeders.

HB379 — This two-row, low-phytate, hullless feed barley could be the first Canadian low-phytate barley designed to reduce the phosphorous content

Barley and oat varieties recommended for registration

in manure and boost livestock efficiency. It has 75 percent less phytic acid than conventional barley. The line was developed by the University of Saskatchewan, Crop Development Centre.

HB813 — This two-row hullless waxy barley offers good plumpness and kernel weight, but hull retention is greater than CDC Rattan. HB813 features high beta-glucan content and low viscosity and may still be beneficial for its faster gelling properties. The variety was developed by Western Plant Breeders.

OT569 — This milling oat features strong yield potential, protein, kernel size and test weight and offers substantially better crown rust resistance than existing varieties. The line was developed by Seed Depot.

OT576 — This milling oat variety was the top yielding line in the past two years of co-op trials, yielding, on average, six percent higher than AC Morgan. It is targeted for production for the western prairie production regions and is well-suited for use in the horse industry. OT576 was developed by Agricore United.

OT582 — This is a Swedish milling oat line with higher yield potential and better lodging resistance than AC Morgan. It has moderate resistance to crown rust. OT582 was developed by Svalof Weibull.

OT3006 — This is a specialized milling oat designed for an oat industry partner. It combines very high milling yield with good beta-glucan content. The variety was developed by the University of Saskatchewan, Crop Development Centre.

OT3017 — This feed oat variety is the first low-lignan hull, high-oil oat recommended for registration in Western Canada. It is a specialty whole-grain oat with quality and energy equal to barley. It is ideally suited for use as a livestock feed. The variety was developed by the University of Saskatchewan, Crop Development Centre.

Other subcommittee news

Finalizing new committee

The final modifications to operating procedures were discussed by the barley and oat subcommittee as part of the transition into a new independent recommending body known as the Prairie Recommending Committee for Oats and Barley. Under the new procedures, the committee will deal directly with the Canadian Food Inspection Agency in recommending candidate cultivars for registration.

Gene bank discussion

The barley and oat committee discussed how to better utilize Saskatoon-based Plant Gene Resources of Canada (PGRC), which is

Canada's national gene bank. The gene bank is a leading global source of barley, oat and wheat germplasm. It facilitates international sharing and provides raw material to local breeding programs.

Low-phytate interest

Committee members discussed the key development of the first potential low-phytate barley variety for Canada. There is strong industry interest in this new type of barley, which produces manure that contains less phosphorous. The new barley promises significant advantages for barley growers and hog producers. It will produce a barley of higher value, which can reduce the environmental impact of large hog operations.

Disease guideline suggestions

The committee heard and discussed suggestions from the disease committee including:

- a) that spot blotch be raised to a priority two disease in the western prairie region and that differences be noted between net form and spot form of net blotch and:
- b) that smuts, barley yellow dwarf virus, stem rust and crown rust be made priority one diseases across the region, with minimum standards to be developed. If accepted in future, the changes would dramatically increase disease standards, particularly for the western prairie region.

This information was reprinted, with permission, from the 2006 PRRCG Report, prepared by Meristem Land & Science, www.meristem.com.



our product is . . .
pedigreed seed
our business is . . .
value creation



Offering top performing pedigreed seed varieties in all crop types, including these proven favourites and new releases . . .

▶ CDC Orrin

- Milling Oat
- High Yield & Excellent Milling Quality

▶ SW Midas

- Yellow Pea
- Early Maturity & High Yielding

▶ AC[®] Harvest

- CWRS Wheat
- High Yield & Early Maturity

▶ Tudor

- Yellow Pea
- High Yielding & Excellent Disease Package

▶ AC[®] Newdale CMBTC Recommended

- Two Row Malt Barley
- Excellent Malt Quality & High Yield

Please contact your local FarmPure Seeds Retailer or a FarmPure Seeds Territory Manager for more information.

Northern Saskatchewan
Mike Kirzinger
1-306-280-6115

Southern Saskatchewan
Virginia Labbie
1-866-522-9509

1-877-791-0500

www.farmpureseeds.com



®"AC" is an official mark used under license from Agriculture & Agri-Food Canada.



PHOTO BY MICHAEL RAINE

PULSE & SPECIAL CROPS

The Prairie Recommending Committee for Pulse & Special Crops evaluates lentils, beans, field peas and other special crops grown on the Prairies.

C99037 — This annual canarygrass is a high-yielding, brown-seeded line with glabrous hulls. It was developed by the University of Saskatchewan, Crop Development Centre.

GTS 546 — This is a high-yielding, early-maturing navy bean line developed for the Canadian Prairies, especially the Red River Valley region of Manitoba. It is resistant to race 73 of anthracnose. The line was developed by Gen-Tec Seeds Ltd.

L02B662 — This pinto bean line has high yield potential, an upright growth habit and lodging resistance. It is resistant to race 73 of anthracnose, moderately resistant to white mould and resistant to yellow and orange strains of bacterial wilt. The line was developed by Agriculture Canada, Lethbridge Research Centre.

1006S-1 — This great northern bean line has high yield potential, large seed size and is resistant to race 73 of anthracnose. It was developed by

Pulse & Special Crops varieties recommended for registration

the University of Saskatchewan, Crop Development Centre.

LGBC — This large green Clearfield lentil line is imidazolinone tolerant and is similar to CDC Sedley. It was developed by the University of Saskatchewan, Crop Development Centre.

CEBECO 4149 — This yellow field pea line features high yield potential and lodging resistance.

It is also resistant to powdery mildew. The line was developed by Cebeco.

CDC 1007-6 — This yellow field pea line offers high yield potential, early maturity and rounder seed shape. It is also resistant to powdery mildew. The line was developed by the University of Saskatchewan, Crop Development Centre.

CDC 1308T-10 — This is a yellow field pea line with high yield potential and rounder seed shape. It is also resistant to powdery mildew. The line was developed by the University of Saskatchewan, Crop Development Centre.

Other subcommittee news

Finalizing new committee

Final processes were discussed as part of the transition of the former Pulse and Special Crops Subcommittee to an independent recommending body known as the Prairie Recommending Committee Pulse & Special Crops. The new committee has the authority to deal directly with the Canadian Food Inspection Agency on recommending candidate cultivars and addressing issues.

Lupin trial added

Committee members accepted new guidelines for testing and supporting sweet lupin cultivars, which have generated new interest among Western Canadian producers.

Pea co-op funding

Committee members discussed funding issues for the pea co-op trials. The rising costs of conducting the pea co-op trials have raised the need to increase the co-op entry fee, but fees are already considered to be quite high. Committee members feared that if the entry fee is increased, it will reduce the number of lines entered and may eventually threaten the co-op's viability. The committee also reviewed all procedures for registration trials of the various crops and updated them to fit new standards and goals.

This information was reprinted, with permission, from the 2006 PRRCG Report, prepared by Meristem Land & Science, www.meristem.com.

ATTENTION GRAIN GROWERS

2007 Varieties For Sale

HRS WHEAT	- AC Snowbird - Cert. Superb
FLAX	- Cert. CDC Bethune
CANOLA	- SW Gladiator R.R. - Manor - Reaper
BARLEY	- AC Metcalfe - CDC Copeland
PEAS	- SW Midas - CDC Golden - Miser - Common Forage Peas
LENTILS	- CDC Rouleau - CDC Rosetown
YELLOW MUSTARD	- Common

• Agline available to defer up to 120 days •



Box 1660, Wynyard, SK S0A 4T0 Canada
Phone 306-554-2078
Fax 306-554-2867



Beef up your pastures

Reseed with certified seed to:

- improve forage yield
- boost livestock weight gain
- extend your grazing season

seed for MORE feed

Pastures Profit with Certified Seed

For tips on improving pasture profitability with certified seed contact:



Canada's Seed Partner
800-764-5487



306-569-4082



800-430-5955



800-661-3334



PHOTO BY MICHAEL RAINE

OILSEEDS

The Prairie Recommending Committee for Oilseeds evaluates candidate lines based on agronomic performance, disease resistance and end-use quality.

FP2161 — This is a brown-seeded linseed flax (*L. usitatissimum*) line that matures three days earlier than the check variety, Flanders. It offers significantly higher yield potential than Flanders in the short growing season areas of the black and grey soil zones. Its yield was similar to Flanders in the longer growing season areas of the black and grey soil zones. FP 2161 has significantly larger seeds than Flanders, with similar lodging resistance, oil content and iodine number. It had significantly higher protein (meal) content than Flanders when tested across Western Canada. It is also immune to rust, race 371 and has wilt resistance similar to Flanders and NorLin. The line was developed by Agriculture Canada, Morden, Man.

Other subcommittee news

Finalizing new committee

Committee members discussed the final modifications to operating procedures as part of the transition into a new independent recommending body known as the Prairie Recommending Committee for Oilseeds. Under the new procedures,

Oilseed lines recommended for registration

the committee will deal directly with the Canadian Food Inspection Agency in recommending candidate cultivars of flax and condiment mustard for registration.

Variety Registration Office presentation

A presentation was given by the CFIA's Variety Registration Office on a preliminary proposal related to structural changes for the new oilseeds committee.

The CFIA expected to complete consultations on a preliminary proposal by the end of March, 2006 and commence consultations on a final proposal in April, 2006.

There were three elements to the CFIA proposal: the consultative framework; a tiered variety registration system and; contract registration. Options are being considered for each element.

• Consultative Framework

The preferred consultative framework would provide a permanent, inclusive mechanism for consultation on current and future crop specific issues and seed regulatory policy issues.

• **Tiered System**

The preferred option for a tiered variety registration system would provide flexibility to respond to changing needs of crop kinds, while reducing obstacles to innovation, satisfying Canada's international obligations and maintaining confidence in the seed certification system.

• **Contract Registration**

The preferred option for contract registration is a risk-based system, which offers increased flexibility to accommodate varieties that would not otherwise be eligible for registration. It also offers improved regulatory enforcement.

In response to the presentation by the VRO, and concerning the consultative framework, a motion was put forward at the Oilseeds Subcommittee meeting and was supported by the membership. "Be it resolved that the PRCO, upon recognition by CFIA as a recommending committee for condiment mustard and flax, petition to be the crop specific consultative group for these crop kinds."

This information was reprinted, with permission, from the 2006 PRRCG Report, prepared by Meristem Land & Science, www.meristem.com.

INDUSTRIAL & COMMERCIAL SCALES
SALES & SERVICE
RENTALS & INSTALLATIONS







- OnBoard™ Delivery
- Bench & Counting Scales
- Load Cells
- Truck
- Livestock
- Floor
- Hopper



www.norac.ca
1-800-667-3921 ext. 310



at 1503 Quebec Ave., Saskatoon, SK.
*Serving Western Canada
 for over 20 years*







- Super sacs (bulk) tote
- 500 kg – 2000 kg
- custom sizes available
- ISO certified



- multi-use, one-ton composites
- liquid or dry applications
- stackable
- folds down for easy storage



The Friendly Super Poly Staff



- multi-wall paper bags
- poly-woven bags
- four-color custom printing available
- various sizes available

EDMONTON
 Toll Free: 1-800-787-7659
 Email: sales@superpoly.ca

SASKATOON
 Tel: (306) 249-4822 Fax: (306) 249-4148
 Toll Free: 1-800-769-7076 Email: superpolysk@sasktel.net

Canadian Food Inspection Agency – Registration Report

The list below contains information on new crop varieties registered by the Canadian Food Inspection Agency between Nov. 1, 2005 and Nov. 6, 2006. The varieties listed below were recommended for registration by the Prairie Registration Recommending Committee for Grains or the Western Canada Canola/Rapeseed Recommending Committee.

Barley, two-row spring

CDC Aurora Nijo (Experimental number TR03903) – Received interim registration Nov. 28, 2005. Interim registration expires Nov. 28, 2008. Varietal information: This two-row malting line was put forward for registration one year early because of strong interest and evaluation by a major potential customer. Interim registration will allow for commercial plant-scale testing. CDC Aurora Nijo offers good straw strength and has yield potential similar to AC Metcalfe. The line was developed by the University of Saskatchewan, Crop Development Centre.



CDC Coalition (Experimental number TRO3373) – Received national registration April 28, 2006. Varietal information: This two-row feed barley has exceptional straw strength. Straw strength exceeds that of CDC Bold meaning it would be the strongest variety registered. It has yield potential equal to Zena and offers reasonable resistance to spot blotch. The variety was developed by the University of Saskatchewan, Crop Development Centre.

Barley, two-row spring, hulless

Millhouse (Experimental number HB109) – Received national registration May 19, 2006. Varietal information: This two-row hulless milling barley has several unique characteristics, including a high milling yield, equal to that of wheat. Barley flour from Millhouse blends easily with wheat flour and results in minimal discolouration. These milling characteristics raise the potential for using a barley flour blend in traditional wheat-based products. The line was developed by Agriculture Canada, Brandon.



Barley, six-row spring, forage type

Binscarth (Experimental number FB006) – Received national registration May 5, 2006. Varietal information: This six-row silage barley is well-suited for all regions but performs particularly well in eastern Prairies. It features heavy foliage and high forage quality. Binscarth is not suited to grain production, but is tailored for silage and extended grazing. The variety was developed by Agriculture Canada, Brandon.



Beans, pinto type

Agrinto (Experimental number L02B662) – Received national registration March 27, 2006. Varietal information: Not available.



Canola, Brassica napus

74P00 LL – Received national registration June 12, 2006. Breeder: University of Guelph. Distributor: Bonis & Company Ltd.

9551 – Received national registration March 29, 2006. Breeder: Svalof Weibull AB, Sweden. Distributor: SW Seeds Ltd.

Cafe – Received national registration April 28, 2006. Breeder: Svalof Weibull AB, Sweden. Distributor: SW Seeds Ltd.

Roper – Received national registration April 28, 2006. Breeder: University of Alberta. Distributor: Saskatchewan Wheat Pool.



1852H (Hybrid) – Received national registration May 5, 2006. Breeder: Svalof Weibull AB, Sweden. Distributor: SW Seeds Ltd.

45H26 (Hybrid) – Received national registration April 25, 2006. Breeder: Pioneer Hi-Bred, Mississauga. Distributor: Pioneer Hi-Bred Ltd.

45H73 (Hybrid) – Received national registration April 19, 2006. Breeder: Pioneer Hi-Bred, Mississauga. Distributor: Pioneer Hi-Bred Ltd.

45P70 (Hybrid) – Received national registration April 25, 2006. Breeder: Pioneer Hi-Bred, Mississauga. Distributor: Agrico United.

45P50 (Hybrid) – Received national registration May 30, 2006. Breeder: Pioneer Hi-Bred, Mississauga. Distributor: Agrico United.

9590 (Hybrid) – Received national registration June 19, 2006. Breeder: Bayer CropScience Inc. Distributor: Bayer CropScience Inc., Saskatoon.

H215 (Hybrid) – Received national registration April 25, 2006. Breeder: Cargill Specialty Canola Oils, Camrose. Distributor: Cargill Ltd.

V2015 (Hybrid) – Received national registration April 25, 2006. Breeder: Cargill Specialty Canola Oils, Camrose. Distributor: Cargill Ltd.

Fababeans

Snowbird (Experimental number Cebeco 96921) – Received national registration Nov. 18, 2005. Varietal information: This is a high-yielding, low-tannin fababean variety that produces medium- to large-sized seeds. The variety was developed by Cebeco Seeds.



Taboar (Experimental number Taboar - VM215) – Received national registration Sept. 29, 2006. Varietal information: This high-yielding, medium- to large-seeded fababean variety was developed by Globe Seed.

Field peas, green

CDC Meadow (Experimental number 653-8) – Received national registration March 20, 2006. Varietal information: This yellow field pea line has high yield potential, good lodging resistance, early maturity and moderate vine length. It is resistant to powdery mildew. The line was developed by the University of Saskatchewan, Crop Development Centre. Distribution by Saskatchewan Pulse Growers.



Fusion (Experimental number Cebeco 4133) – Received national registration Jan. 19, 2006. Varietal information: This is a high-yielding, medium-large sized yellow pea line with resistance to powdery mildew. The line was developed by Innoseeds BV, Netherlands. Distribution by Canterra Seeds.

Noble (Experimental number Cebeco 4149) – Received national registration May 19, 2006. The line was developed by Innoseeds BV, Netherlands. Distribution by FarmPure Seeds.

SW Benefit (Experimental number SW985804) – Received national registration Dec. 21, 2005. Varietal information: This early maturing, medium-small seeded yellow field pea line has good yield potential and is resistant to powdery mildew. It was developed by Svalof Weibull AB. Distribution by SW Seeds Ltd.

SW Cartier (Experimental number SWA5130) – Received national registration Dec. 21, 2005. Breeder: Svalof Weibull AB, Sweden. Distributor: SW Seeds Ltd.

SW Marquee (Experimental number SWA5122) – Received national registration Nov. 24, 2005. Breeder: Svalof Weibull AB, Sweden. Distributor: SW Seeds Ltd.

Thunderbird (Experimental number MP1826) – Received national registration March 12, 2006. Varietal information: This high-yielding, medium sized yellow pea line is resistant to powdery mildew. The line was developed by Agriculture Canada, Lacombe. The distributor is Canterra Seeds.

CONTINUED ON PAGE 44

CONTINUED FROM PAGE 43

Field peas, yellow

SW Prodigy (Experimental number SWA6145) - Received national registration Nov. 24, 2005. Breeder: Svalof Weibull AB, Sweden. Distributor: SW Seeds Ltd.



SW Sergeant (Experimental number SWA6154) - Received national registration Feb. 7, 2006. Breeder: Svalof Weibull AB, Sweden. Distributor: SW Seeds Ltd.

Tamora (Experimental number Cebeco 1090) - Received national registration Nov. 24, 2005. Varietal information: This high-yielding, medium-large sized green pea line is resistant to powdery mildew. The line was developed by Innoseeds BV, Netherlands. Distribution by Farm Pure Seeds.

Lentils

CDC Impact (Experimental number 1145-3-6 or 2462) - Received national registration Jan. 5, 2006. Varietal information: This is a small red Clearfield (imidazalinone) tolerant lentil with characteristics similar to CDC Blaze. The line was developed by the University of Saskatchewan, Crop Development Centre.



CDC Imperial (Experimental number 2464) - Received national registration March 27, 2006. Varietal information: This is a small red Clearfield (imidazalinone) tolerant lentil with characteristics similar to CDC Robin. The line was developed by the University of Saskatchewan, Crop Development Centre.

Mustard (Brassica Juncea L.) Indian

Centennial brown (Experimental number J97-149) - Received national registration March 14, 2006. Varietal information: This brown mustard line offers significant improvements in seed quality and yield. Its fixed oil content is lower than the check variety, commercial brown, but its seed protein content, seed weight and the hot principle are higher. Disease reactions are similar to the check, with resistance to blackleg and susceptibility to white rust disease. Centennial Brown is the second pedigree brown mustard variety registered in Canada. This will provide producers and the mustard industry with an opportunity to increase the use of certified seed and improve the quality of brown mustard produced in Canada. The variety was developed by Agriculture Canada, Saskatoon.

**Oats, spring**

CDC SO-1 (Experimental number OT3017) - Received national registration July 25, 2006. Varietal information: Not available.



Hifi (Experimental number OT569) - Received national registration April 12, 2006. Varietal information: Not available.

Jordan (Experimental Number OT2027) - Received national registration May 12, 2006. Varietal information: This oat variety has strong yield potential. In co-op trials, it outperformed all other lines and had a good disease resistance profile and good-sized kernels. The variety was developed by Agriculture Canada, Winnipeg.

Rye, winter

Hazlet (Experimental number RT193) - Received national registration April 28, 2006. Varietal information: This low-viscosity rye line offers consistent yield across all soil zones and had significantly higher test weights than check varieties. Like other fall rye varieties, it is susceptible to ergot. The line was developed by Agriculture Canada, Swift Current. Distribution by Secan Association.

**Triticale, spring**

Bunker (Experimental number T181) - Received regional registration June 30, 2006. Varietal information: This triticale variety features a reduction in awn expression that promises to diversify the use of spring triticale as a conserved forage. It has resistance to fusarium headblight similar to Pronghorn, the most resistant check variety. Compared to checks, Bunker has similar early maturity and good leaf and stem rust resistance, along with improved test mass and higher silage yields. The variety was developed by Alberta Agriculture in Lacombe.



Tyndal (Experimental number T182) - Received regional registration June 30, 2006. Varietal information: This sister line to Bunker features a reduction in awn expression. Grain yield is similar to the highest yielding triticale check cultivar, AC Ultima. It also features good leaf and stem rust resistance, high test weights, early maturity, good lodging resistance and high forage yield potential. The variety was developed by Alberta Agriculture in Lacombe.

Wheat, spring

5400IP (Experimental number BW295) - Received contract interim regional registration April 13, 2006. Interim registration expires April 13, 2007. Varietal information: Not available.



Helios (Experimental number PT211) - Received regional registration March 27, 2006. Varietal information: This Canada Western Red Spring wheat features high yield potential, reduced susceptibility to fusarium headblight and early maturity. It is particularly well suited to the Peace River and Parkland regions of Western Canada, where it yielded 14.8 percent and 8.4 percent higher than AC Splendor. The variety was developed by Agriculture Canada, Swift Current.

Kanata (Experimental number BW263) - Received regional registration August 30, 2006. Varietal information: This variety is part of the Canada Western Hard Wheat classification, which includes light bran varieties with quality and agronomic performance similar to Canada Western Red Spring lines. It was initially granted interim registration in 2001 and again in 2004 to allow for further investigation of its commercial potential. Kanata was developed by Agriculture Canada, Winnipeg.

Kane (Experimental number BW342) - Received regional registration July 25, 2006. Varietal information: Not available.

Snowwhite 475 (Experimental number HY475) - Received interim regional registration April 28, 2006. Varietal information: This line has potential as a Canada Prairie Spring White wheat or a Canada Western Hard White variety. It features earlier maturity and higher test weights than AC Vista and it outyielded Snowbird in co-op trials by seven percent. Interim registration will allow more time to assess the variety's quality and to determine the most appropriate classification. CPSW varieties have medium to strong dough strength properties, medium hard kernels and low to medium protein levels. CWHW varieties produce lighter coloured flour and have quality and agronomic performance similar to CWRS lines. Snowwhite 475 was developed by Agriculture Canada, Swift Current.

Snowwhite 476 (Experimental number HY476) - Received interim regional registration May 5, 2006. Varietal information: This line, like Snowwhite 475, has potential as a CPSW or CWHW wheat variety but its major feature is a new gene, BT8, which improves resistance to common bunt. This is the first deployment of the BT8 gene, which is needed because common bunt resistance in all current varieties is based on another gene, BT10, which is expected to lose effectiveness over the next several years. Like Snowwhite 475, Snowwhite 476 has earlier maturity and higher test weight than AC Vista, with higher yields than Snowbird. Interim registration will allow more time to assess the variety's quality and to determine the most appropriate classification. The line was developed by Agriculture Canada, Swift Current.

The publishers of this list made reasonable efforts to ensure its accuracy, but will not be held responsible for omissions.



Our wings take you to new heights

For over 70 years, growers have trusted Monsanto's DEKALB® brand seed to deliver above all others. In Western Canada, count on:

- High yielding canola hybrids
- Superior technology
- Consistent performance

This year, come fly with an industry technology leader.

Visit www.DEKALB.ca or call **1-800-667-4944**

Clearfield lentils available in limited quantities



The introduction of Clearfield lentils will offer producers a significant new weed control option.

ISTOCKPHOTO

BY DOUG COLLIE
Freelance
writer

LENTIL PRODUCERS in Western Canada will have access to two new herbicide tolerant red lentil lines this year, but quantities of pedigreed seed will be limited.

CDC Impact and CDC Imperial were introduced in limited quantities last year.

Both are Clearfield varieties, which means they're resistant to imidazolinone herbicides, including Odyssey.

Last spring, about 27,000 kilograms of CDC Impact CL, a Blaze type red lentil, and 34,000 kg of CDC Imperial, a Robin type red lentil, were made available to seed growers.

Bert Vandenberg of the University of Saskatchewan, who helped develop the two varieties along with Rick Holm and Al Slinkard, said about two million kg will be available this year, enough to seed about 100,000 acres.

Vandenberg and Garth Patterson, executive director of Saskatchewan Pulse Growers, expect the seed to be widely available within three years.

Lentils grow best in dark brown soil, but they can also be grown successfully in the brown soil zone and in the thin black soil zone of Saskatchewan.

Clearfield lentils are classified as non-GMO, meaning they have not been genetically modified and are not subject to restrictive food import rules that exist in some overseas markets.

However, because they're tolerant to some herbicides, officials from the Canadian Food Inspection Agency say growers must sign a stewardship agreement known as the "Clearfield commitment" each time they plant the new varieties.

According to the Clearfield commitment, growers who plant Clearfield lentils for pedigreed seed production can only use Odyssey or other chemicals that have been registered for use on crop.

Only certain imidazolinone or IMI herbicides have been approved for use on Clearfield lentils.

CDC Impact closely resembles CDC Blaze, another small red lentil variety. Seed weight is 35 to 40 milligrams and the line is expected to do well in the

mainstream red lentil markets.

CDC Imperial is similar to CDC Robin and has a seed weight of around 30 mg. This type of lentil is popular Bangladesh, Pakistan and Egypt where there's a great demand for extra small red lentils.

Roy Bailey, a seed pedigreed producer from Mildred, Sask., grew both varieties last season.

He said the yield was similar to other small red varieties he has grown.

However, the Clearfield trait is a feature that will appeal to many producers, he said.

"The Odyssey resistance is a real benefit for weed control."

Donald Sanderson, a pedigreed seed grower from Rosetown, Sask., also grew both varieties in 2006. He seeded the Imperial a little heavier than the Impact. The Imperial yielded better than the Impact, he said.

Sanderson said yields were not spectacular but he noted soil conditions could have been a factor.

Many farmers who buy seed from Sanderson have been eager to get their hands on Impact.

Sanderson was nearly sold out of the variety as of mid-December.

Seed grower Garry Mayerle of Tisdale, Sask., said he grew Impact last year with mixed results.

He sowed Impact beside Rouleau, another small red variety, on two different fields.

On one field, Impact outperformed Rouleau but on the other field, Rouleau production was significantly higher.

Tisdale is on the northern edge of the lentil-growing area and there was excess moisture in the area last spring, Mayerle said.

Results might be different in a drier year, he added.

Mayerle said the development of herbicide tolerant lentils is a significant accomplishment.

The new lines will give producers another cropping option and will allow more flexibility in crop rotations.

The new lentil lines were developed by BASF in conjunction with the University of Saskatchewan Crop Development Centre. ❧

Connect to the Value Chain®

Connect to a Western Canada success story – a value chain built on growing consumer demand for healthier food and delivering healthier returns to canola growers. Each link succeeds on the strength of the whole chain – from plant breeders to growers to processors to end-use customers.

New high performing Victory™ hybrids

They're the next evolution in specialty canola. And they're the only high oleic specialty canolas that deliver all the performance of hybrids with the simplicity of Roundup Ready®. Only from Cargill.

VICTORY
HYBRID CANOLA



Cargill

www.cargill.ca • 1-866-462-6457

This program may not be available in all regions.
TM The Cargill logo and Victory are trade-marks of Cargill, Incorporated, used here under licence.
® Connect to the Value Chain and Victory Hybrid Canola are registered trade-marks of Cargill, Incorporated, used here under licence.
® Roundup Ready is a registered trade-mark of Monsanto Technology LLC. Monsanto Canada Inc., licensee.

Chickpea and lentil project gets green light

BY BARB GRINDER
Freelance
writer

FUNDING HAS recently been approved for an additional five years of research into the development of improved chickpea and lentil lines.

The funding arrangement was approved by a consortium consisting of the Alberta and Saskatchewan pulse growers associations, the University of Saskatchewan and the government of Alberta.

The project will attempt to establish lentil and chickpea seed lines with better foliar disease resistance and improved agronomics.

Although the area planted to chickpeas and lentils is small compared to wheat and other grains, Canada is a major exporter of chickpeas and the world's leading exporter of lentils.

Both crops are used extensively in India and other Middle East and North African markets.

Chickpea production in Saskatchewan rose from 6,000 acres in 1996 to more than 1.1 million acres in 2001. Alberta's production is smaller but it also rose considerably in the same five-year period.

However, since 2002, chickpea production in both provinces has declined, largely due to poor quality and lower yields caused by cool, wet growing conditions.

The development of new chickpea varieties that are well-adapted for Alberta growing conditions could help alter the trend toward declining acreage.

"Chickpea production in Alberta peaked in 2001, when farmers planted them on about 40,000 hectares (100,000 acres)," said Manjula Bandara, a special crops agronomist with the Crop Diversification Centre at Brooks, Alta.

"Since then, production has declined, due largely to problems with ascochyta leaf blight, as well as lower market prices and higher costs for fungicides and other inputs."

Bandara said cultivars with improved ascochyta leaf blight resistance, earlier maturity and increased drought tolerance are required to sustain chickpea production in Alberta.

"The major constraint in growing chickpeas, both the desi and the kabuli types, is ascochyta blight. There is no fully resistant chickpea variety at present and fungicide application is very costly," Bandara said.

Even the best varieties of chickpeas have only fair ratings for ascochyta. The blight spreads

Saskatchewan chickpea production rose dramatically in the late 1990s, jumping from 6,000 acres in 1996 to more than a million acres by 2001.



Plant breeders are continuing work to develop new lentil varieties that have greater resistance to ascochyta blight.

aggressively and can destroy up to 70 percent of a crop in a short period of time, Bandara said.

"It would also be good if we could develop cultivars that are earlier maturing and have a determinant growth pattern, so the plants don't start flowering again if there's late season rainfall," he added.

"This would mean more uniform seed ripening and easier harvesting."

Lentil production in Alberta is much smaller than in Saskatchewan and has been relatively stable during the last five years, at less than 32,000 acres.

"Lentil cultivars selected for Saskatchewan growing conditions are available, but are not always suited to the different conditions in Alberta," Bandara said.

Ascochyta blight and other leaf diseases are also a problem for lentil growers, though agronomic objectives will be important.

"We're trying to breed a lentil plant that is taller and stiffer, so it's easier to harvest, as well as lentil lines with better yields."

In 2001, with the assistance of Tom Warkentin and Bert Vandenberg from the University of Saskatchewan, Bandara undertook a five-year project to develop chickpea and lentil cultivars for Alberta, particularly lines that are more resistant to ascochyta blight.

Approximately 1,000 crosses were initiated, with test plots located at different sites in southern Alberta and in Saskatchewan.

Weather conditions varied greatly during the project period, so selection of the best lines focused on resistance to ascochyta in chickpeas and root rot in lentils.

The project also had some success in developing lentils that are tolerant to Diazinon and other herbicides, without genetic modification.

More than 60 lines of chickpeas and almost 90 different lentil lines looked promising, Bandara said.

Funding for an additional five years will enable the work to continue.

"This will give us an opportunity to evaluate the performance of these lines at several locations in Alberta and then to register the most promising lines for commercial seed production."

Several of the chickpea lines will also be included in pre-breeder seed production programs in 2007. ❁



WESTERN PRODUCER FILE PHOTO

WESTERN PRODUCER FILE PHOTO

Cereal seed treatments that do more

Treated seed means healthier plants that use less energy fighting disease, with the result that more energy is focused on what's important – crop growth and development.



Fusarium in wheat

Strong emergence is just the start. In wheat, barley and oats, your seed treatment can deliver much, much more. That is, as long as it's precision targeted.

Precision also means practical, however. "It's like weed control," says Mark Shillingford, BASF seed treatment manager. "You wouldn't choose a herbicide unless it controlled your toughest weeds. The same straightforward approach works best for seed treatments," Shillingford says. "Research consistently shows that by choosing the seed treatment that gives the best results against your most serious disease threats, you can expect excellent results."

Fusarium and smut control most important considerations in wheat and barley.

For cereal seed treatments, that means tackling *Fusarium* in wheat. In barley, it's true loose smut. By controlling these diseases, you set your crop up to get the most out of the available heat, moisture and fertility, and you set yourself up to get the most out of your seed genetics and the season.

That's why GEMINI™ in wheat and CHARTER® in barley are counted on to support rigorous early growth and development, improve in-season vigour, boost kernel weight and deliver higher yields.

These are benefits that attract attention. For example, after Lloyd Friesen of Friesen Seeds in Morris, Manitoba, treated last year's winter wheat with GEMINI, it was his yield that he wanted to talk about. "In our three trials, we got 96.8 bushels per acre with the GEMINI treated seed, compared to 91.7 bushels per acre with the untreated seed," Friesen says. "That's a pretty decent return on investment."

The same goes for Lorne Pederson of Archerwill, Saskatchewan. "I found that CHARTER did an excellent job in controlling true loose smut in my



Smut in barley

barley," Pederson says. "My barley was nice and plump and I had heavier bushel weights by using CHARTER."

GEMINI is the *Fusarium* specialist in wheat, providing strong activity against the West's number one early season disease. The result of cutting-edge research, GEMINI also controls a wide spectrum of seed- and soil-borne diseases in wheat, including seed blights, common bunt, *Pythium* damping off and others.

In barley, CHARTER is hands down your first choice seed treatment and can be counted on for control of key seed-borne diseases, including true and false loose smut.

Don't compromise on seed safety or benefits of treatment may be lost.

So, ensure first that your seed treatment will tackle the key diseases of interest to you. Then check its seed safety, Shillingford advises. If your seed treatment isn't tops for safety, its promised disease-control benefits can be compromised by reduced germination or vigour in treated seed.

GEMINI and CHARTER both offer industry-leading seed safety, even when applied to seed several months ahead of planting, Shillingford says. "In extensive testing and on-farm use, we've seen no reduction in viability or performance whatsoever." Each seed treatment is also one-rate, and each is compatible with all standard seed-treating equipment for commercial and on-farm use.

"A healthy disease-free crop not only looks good, it is good," Shillingford says. "It has more roots, more top growth, heavier kernels and bigger, more consistent yields, all because it got off to a strong start with the right seed treatment."



CHARTER®
CEREAL SEED TREATMENT

GEMINI & CHARTER

- One rate of application for all crops (wheat, barley and oats)
- Exceptional seed safety
- Compatible with all standard seed-treating equipment (commercial and on-farm)

GEMINI

- Ready-to-use formulation
- Controls seed- and soil-borne diseases, including *Fusarium* and *Pythium* damping off in wheat
- Gets early-season infections caused by crown and root rot and *Cochliobolus* root rot

CHARTER

- Water-based concentrate
- Controls seed-borne diseases, including true loose smut in barley
- New rate enhances activity against *Fusarium* and adds *Cochliobolus* to label

Always read and follow label directions.

GEMINI is a trademark and CHARTER is a registered trademark of BASF. © 2006 BASF Canada Inc.

BASF

The Chemical Company

Canadian breeders continue work on low cadmium durum varieties

BY PAT REDIGER
*Freelance
writer*

CADMIUM IS better suited for batteries than spaghetti so durum wheat breeders in Canada are focusing their efforts on developing new durum varieties with low cadmium content.

Cadmium is a heavy metal that is commonly found in prairie soils.

Most cereals crops grown in Western Canada aren't affected by cadmium but some durum wheat varieties can absorb the metal and deposit it into their grain.

Because high levels of cadmium in food have been linked with kidney failure, the European Union has taken steps to regulate the amount of cadmium in grains.

For the last decade, the EU has restricted the amount of cadmium in whole cereal grains to 200 parts per billion.

Western Canadian durum wheat breeders have responded by making low cadmium levels a priority in their breeding programs.

One of the success stories from this new emphasis on low cadmium varieties has been the introduction of Strongfield durum in 2004.

"After the EU set new standards, we began looking for the genetic trait that would lead to low cadmium levels," said John Clarke, a plant scientist involved in the development of Strongfield.

"It usually takes more than 10 years to develop a new variety and Strongfield was one of the first successes in this new breeding program. It is a low cadmium variety that is high yielding, has high protein and good gluten strength."

Strongfield quickly found acceptance among Western Canada's durum producers and last year was grown on 19 percent of durum acreage, according to the Canadian Wheat Board 2006 variety survey. It was developed at Agriculture Canada's Semi-Arid Prairie Research Centre at Swift Current.

Curtis Pozniak, a durum breeder at the University of Saskatchewan's Crop Development Centre, said the EU is poised to change its regulations. Those changes will limit cadmium levels to 100 parts per billion.

This could have an impact on Canadian durum exports to the EU as some of the traditional durum varieties, such as AC Avonlea, Kyle and AC Morse, exceed the proposed



PHOTO BY BARB DUCKWORTH

Plant breeders in Canada are dedicated to developing low cadmium durum varieties. Cadmium levels in Canadian durum that is exported to Europe cannot exceed 200 parts per billion.

EU regulations.

"It's just a recommendation at this point, but we have taken a proactive approach in our breeding programs," Pozniak said.

"Currently, all of our breeding lines are low cadmium types and any new varieties developed will meet these new regulations."

Pozniak said durum breeders have been making strong progress on reducing cadmium levels to 100 parts per billion or less in anticipation of the new standards.

In fact, breeders have not tested a high cadmium durum line in variety registration trials since 2004.

Clarke said several new low cadmium varieties will be developed over the next few years.

DT540, a variety developed by Pozniak, is a low cadmium breeding line that could be supported for variety registration in February.

Clarke and Pozniak are also emphasizing development of low cadmium varieties that have resistance to wheat midge, sawfly and various diseases.

Despite the breeding effort to reduce cadmium, Pozniak emphasizes that western Canadian durum varieties, including the older varieties, are safe to eat.

Producers and grain marketers will be able react quickly if the EU announces new standards, he added.

"Since all new varieties will be low cadmium types, and with Strongfield set to become the dominant variety, producers and grain marketers will be in a good position when the change occurs." ❧



Change your perception of **HIGH CAPACITY**

The Buhler Farm King 16104 Backsaver Auger will change the way you think about moving grain. With a 16" diameter tube and at 104' in length, the 16104 Backsaver Auger has a vertical reach of 77'. The most-tested product in the history of Buhler Farm King, this auger is designed to be reliable and is built to stand the test of time... and move a lot of grain.

See your local Buhler dealer or visit www.buhler.com.

Buhler Manufacturing
Ph.: 888.524.1004 :: Fax: 204.822.6348
info@buhler.com :: www.buhler.com

bühler / farm king

Start Clean And Finish Clean

Every Grain Max smoothwall bin is engineered... built with care... powder coated... and delivered to you personally.

- ☑ *ALWAYS CLEAN*... No Ribs... No Bolts... *NO HANG UPS*
- ☑ Grain Guard Aeration Systems Available
- ☑ Standard sizes available... approx. 1100 to 5000 bushels
- ☑ *ALWAYS READY*...just open the lid and fill!
- ☑ *Priced right*...ask your dealer about purchase options



**GRAIN
MAX**

*The Safest and Easiest Hopper Bin
For You and Your Seed.*

**GRAIN
MAX**

Manufactured by Wheatland Bins and Meridian Industries

Contact Your Local Wheatland Dealer

www.grainmax.com

Camrose, AB: 1-800-830-2467

Lethbridge, AB: 1-800-661-1463

Saskatchewan Pedigreed Seed Growers

Directory of Crop Varieties

This list was prepared by the Canadian Seed Growers Association. It includes varieties eligible for sale in Canada and seed crops issued certificates as of November 1, 2006. CSGA assumes no responsibility for errors or omissions.

The pedigreed class code is listed after the grower's phone number. S = Select; F = Foundation; R = Registered; C = Certified.

BARLEY - SPRING

AC METCALFE

Ardell, Terrence Wade, Michael, Brad & Joanne	Vanscoy	306-668-4415								
Bailey, Roy G.	Milden	306-935-4702	S							C
Berscheid, K.N. & B. & E.K. & S. & C. & Y.	Lake Lenore	306-368-2602	S		R					C
Beuker, Allan Daniel	Melfort	306-863-2225								C
Biese, Jerry	Swift Current	306-773-7027								C
Bley, Bradley	Annaheim	306-366-4903								C
Bolt, Dale & Scott & Tod	Wynyard	306-554-2076								C
Booy, Jerry N. & Murray T. & Darcy K.	Glaslyn	306-342-2058				R	C			
Boyd, Clare W. & Dale A.	Melfort	306-752-2108								C
Boyes, Douglas J.	Kelvington	306-327-4980								C
Calcutt, Garry M.	Lemberg	306-335-2760				R	C			
Carlson, Herbert E.P. & Leslie	Buchanan	306-592-4449								C
Chapple, Floyd & Debbie	Grandora	306-329-4697					R	C		
Charabin, Dale Kenneth & Timothy V.	North Battleford	306-445-2939								C
Clancy, Kenneth	Carrot River	306-768-2902								C
Dell, Dennis & Bonnie A.	Dafoe	306-554-3117								C
Dowdeswell, Donald D.	Pennant	306-626-3388								C
Duclos, Roger	Admiral	306-785-4625								C
Edmunds, Greg & Glen	Tisdale	306-873-5480					R	C		
Edwards, Lawrence R., Donna, Jeff & Mike	Nokomis	306-528-2140								R
Ennis, Garnet & Burton & Neil	Glenavon	306-429-2793								R
Fast, Walter J. & Linda	Kindersley	306-463-3626		F		C				
Fedoruk, Rod M. & Cathy	Kamsack	306-542-4235								R
Fritzler, Baine A., Brenda D. & Adam A.	Govan	306-484-4612								R
Gaertner, Lyle	Tisdale	306-873-4936					R			
Girodat, Gerald	Shaunavon	306-297-2913								R
Greenshields, Grant & Jim & Callie	Semans	306-524-2155								C
Hardy, Brian & Calvin	Grenfell	306-697-3127								C
Heavin, G. Harvey & G. Ryan	Melfort	306-752-4171				R				
Heavin, Milton Russell	Melfort	306-752-4071								C
Heggie, Robert Thomas	Leross	306-675-4920								C
Herrndier, Don O.	Lemberg	306-335-2763								C
Hyland, Thomas Francis	Scott	306-247-2086								C
Johnson, Oscar Stuart	Margo	306-324-4315								C
Kaeding, Roger W. & Warren	Churchbridge	306-896-2236								C
Kasko, F. John	Prince Albert	306-764-2875								C
Kirkham, Daniel Grant & Fran & R.	Saltcoats	306-744-2542								C
Labrecque, Roger & Claude	Saskatoon	306-373-9379								C
Larsen, Lyle L.	Aylsham	306-862-7333								C
Latrace, Bill	Caronport	306-693-2626								C
Laxdal, G.M.; Blyth, D., Gregory, Wayne & Richard & Bolt, Glen A.	Wynyard	306-554-2078								R
Luck, Lorne C. & Landis	Tisdale	306-873-4111								C
Lueke, Dennis	Humboldt	306-682-5170								C
Lung Seeds Ltd.	Lake Lenore	306-368-2414								C
Lutzer, Albert & Latrace, Jim	Lumsden	306-731-2843								C
Mannle, Kenneth & Laurie	Moosomin	306-435-3411		F						
Marcotte, Raymond W.	Kinistino	306-864-3654								C
Mayerle, Erwin D.	Tisdale	306-873-4261								C
McCarthy, Patrick H. & Lyle D.	Corning	306-224-4655								R
Medernach, Louis J. & Kim L.	Cudworth	306-256-3398								R
Meyer, Ward	Lake Lenore	306-368-2635								R
Novak, Orrin	Kuroki	306-338-2021								R
Nystuen, David G.	Spalding	306-872-2014								S F R
Olson, Lyndon Ordon	Archerwill	306-323-4912								F C
Osborne, Nolan Stanley C.	Yorkton	306-782-7113								C
Ostafie, Dave & Robert	Canora	306-563-6244								R C
Otsig, Kevin Bradley	Watson	306-287-4133				S				R C
Pastl, Glenn A.	Watson	306-287-3959								C
Peterson, S.P., Daniel & Gordon	Wynyard	306-554-3396								C
Phillips, S. Clare & William P.	Tisdale	306-873-5569								C
Pratchler, John & L. & M. & A.	Muenster	306-682-3317								C
Redman, Wayne G. & Collins M.	Margo	306-324-4235								C
Reisner, Cecil & Barry	Limerick	306-263-2139				S				R C
Rempel, Blair Allan	Nipawin	306-862-3573								C
Rugg, Barry C. & Robert B.	Elstow	306-257-3638								R
Sandercocock, Eric M.	Balcarres	306-334-2958								C
Schumacher, Mark	Delisle	306-493-2937								R
Seidle, E. & B. & C. & M.	Medstead	306-342-4377								F R C
Shewchuk, Stan & Lorne & Terry	Krydor	306-497-2800								R
Shoemaker, Norman	Mossbank	306-354-2570								C
Shwaga, Jeff W.	Wroxton	306-742-4590								C
Slind, Donald Edward	Archerwill	306-323-4927								C
Sopatyk, Jeffery & Patti	Saskatoon	306-955-2516								C
South, Winston & Richard & Bradley	Melfort	306-752-9840								R
Sperle, Val A. & Bentley D. & Jody	Unity	306-228-3160				S				C
Stauber, Clayton & Lori	Stewart Valley	306-773-7907								C
Stokke, Terry J. & Shane T.	Watrous	306-946-2566								C
Tebbutt, Ronald E. & Gregg	Nipawin	306-862-9730								R
Thompson, Jan Harris	Naicam	306-874-5407								C
Tomtene, Terry, Steven & Slind, Daniel	Birch Hills	306-749-3230								R
Trawin, Julie Ann	Melfort	306-752-4060				S				F R
Trowell, Bert & Kenneth & Larry	Saltcoats	306-744-2687				S				R
Wakefield, Monica & Laurie Garland	Maidstone	306-893-2984								F R C
Warrington, John	Mervin	306-845-2642								C
Wartman, Murray E.	Aylsham	306-862-5000								R
Wilfing, Raymond John & Ryan John	Meadow Lake	306-236-6811								C
Winterhalt, Tim	Unity	306-228-3170								C
Wood, Leonard David	Wynyard	306-554-2932								R C
Woroschuk, Andrew	Calder	306-742-4682								C
Yauck, Kevin Rodney	Govan	306-484-4555								C
Youzwa, Donald	Nipawin	306-862-5690								R C
Zwingli, James Trent & Shelley	Melfort	306-752-4224								R
AC RANGER										
Ardell, Terrence Wade, Michael, Brad & Joanne	Vanscoy	306-668-4415								R C
Bailey, Roy G.	Milden	306-935-4702								R
Cay, Randy D.	Kinistino	306-864-3696								C
Mannle, Kenneth & Laurie	Moosomin	306-435-3411								C
Maze, Norman Daryl	Unity	306-398-2637								C
Phillips, S. Clare & William P.	Tisdale	306-873-5569								C
Wartman, Murray E.	Aylsham	306-862-5000				S				R
Wilfing, Raymond John & Ryan John	Meadow Lake	306-236-6811								C
AC ROSSER										
Boldt, Garry	Osler	306-239-2071								R
Edmunds, Greg & Glen	Tisdale	306-873-5480								C
Hettland, Ronald	Spalding	306-872-4617				S				F R
Kennett, Brian Guy	Manor	306-448-4813								R
Phillips, S. Clare & William P.	Tisdale	306-873-5569								R
Weightman, Brian	Rosthern	306-232-5588								R

BRONCO

Wilfing, Raymond John & Ryan John Meadow Lake 306-236-6811 C

CDC AURORA NIJO

Saskatchewan Wheat Pool Regina S F C

CDC BATTLEFORD

Boyd, Clare W. & Dale A. Melfort 306-752-2108 C
Rude, Stanley Naicam 306-874-2359 R C

CDC CLYDE

Agricore United Saskatoon 800-565-7333 F R

CDC COALITION

Kaeding, Roger W. & Warren Churchbridge 306-896-2236 S
Pfeifer, Robert G. Lemberg 306-335-2532 S

CDC COPELAND

Barlow, Bradley L. Griffin 306-842-6216 C

Berscheid, K.N. & B. & E.K. & S. & C. & Y. Lake Lenore 306-368-2602 R
Boldt, Garry Osler 306-239-2071 R
Bolt, Dale & Scott & Tod Wynyard 306-554-2076 C

Booy, Jerry N. & Murray T. & Darcy K. Glaslyn 306-342-2058 C

Boyd, Clare W. & Dale A. Melfort 306-752-2108 C

Brigden, Allan D., Drew & Devon Kisbey 306-462-4813 C

Carlson, Herbert E.P. & Leslie Buchanan 306-592-4449 R

Craswell, Raymond W. Strasbourg 306-725-3236 C

Dutton, David H. & George Paynton 306-895-4306 C

Fedoruk, Rod M. & Cathy Kamsack 306-542-4235 C

Floberg, Barry & Delana & Devin & Brandon Shaunavon 306-297-2087 C

Fritzler, Baine A., Brenda D. & Adam A. Govan 306-484-4612 C

Gerry, Greg Creelman 306-457-2220 C

Greenshields, Grant & Jim & Callie Semans 306-524-2155 R

Groire, Denis North Battleford 306-445-5516 R C

Heavin, Larry N. & L. Warren Melfort 306-752-4020 S

Hleck, Leo Codette 306-862-5966 C

Hyland, Thomas Francis Scott 306-247-2086 R

Hyndman, David Balcarres 306-334-2914 C

Kennett, Brian Guy Manor 306-448-4813 C

Labrecque, Roger & Claude Saskatoon 306-373-9379 C

Laxdal, G.M., Blyth, D., Gregory, Wayne & Richard & Bolt, Glen A. Wynyard 306-554-2078 F R

Leduc, Gerald R. Assiniboia 306-642-3076 C

Lung Seeds Ltd. Lake Lenore 306-368-2414 C

Lung, Ivan & Schemenauer, S. & B. Lake Lenore 306-368-2414 F C

Lutzer, Albert & Latrace, Jim Lumsden 306-731-2843 C

McCarthy, Richard J. & Brent Corning 306-224-4848 C

Medernach, Louis J. & Kim L. Cudworth 306-256-3398 R

Murray, Scott & Ross Young 306-259-4944 R

Novak, Roy Wadena 306-338-2607 C

Nystuen, David G. Spalding 306-872-2014 S R

Osborne, Nolan Stanley C. Yorkton 306-782-7113 C

Otsig, Kevin Bradley Watson 306-287-4133 F R

Phillips, S. Clare & William P. Tisdale 306-873-5569 C

Pratchler, John & L. & M. & A. Muenster 306-682-3317 R

Reisner, Cecil & Barry Limerick 306-263-2139 S F

Rempel, Blair Allan Nipawin 306-862-3573 F

Rude, Stanley Naicam 306-874-2359 F C

Rugg, Barry C. & Robert B. Elstow 306-257-3638 F C

Seidle, E. & B. & C. & M. Medstead 306-342-4377 F R C

Shwaga, Jeff W. Wroxton 306-742-4590 C

South, Winston & Richard & Bradley Melfort 306-752-9840 R

Stauber, Clayton & Lori Stewart Valley 306-773-7907 C

Straub, Lorne A. Pense 306-345-2390 C

Trawin, Brent John Melfort 306-752-4060 F R

Trowell, Bert & Kenneth & Larry Saltcoats 306-744-2687 C

2020 Shanna Stolhandske-Dale, B.Sc. Ag, P.Ag.
Laboratory Manager/Accredited Seed Analyst

Seed Labs (Saskatchewan) Inc. Laboratory Accreditation #1231 Box 1420 Swift Current, SK S9H 3G6

Phone **306 741-9309**
Fax **306 778-2020** email shanna@2020seedlabs.ca
Toll Free **1-877-420-2099** www.2020seedlabs.ca

ISO 9001:2000 Certified

ALLAN SEEDS LTD.
PEDIGREED SEED GROWERS

CEREALS ■ OILSEEDS
PULSE CROPS

BOX 100
CORNING, SASK.
S0G 0T0

306-457-2629

ANDRUKOW Farm Sales Ltd

Seed Solutions

Viking, Alberta
Phone: 780-336-3180
Fax: 780-336-4751
E-mail: afslv@afsl.ca

Certified Wheat, Barley, Peas, Canola, Forages
Custom Treating & Polymer Treating available.

CANTERRA SEEDS SeCan FarmPure SEEDS

Glenn & Judith Annand

ANNAND AGRO SERVICES

PEDIGREED SEED GROWER
CUSTOM SEED CLEANING
SECAN, CANTERRA, FPS MEMBER

Mossbank, Saskatchewan
Bus. 354-7675 Res. 354-7637

CDC Plato Lentil F R C
CDC Golden Peas F R C
AC Lillian HRSW R C
CDC Redberry Lentil F R C
Cooper Green Peas R C
AC Strongfield Durum R C
CDC Anna Desi C
Snowbird HWW F R C
CDC Cabri Desi R C
CDC Meteor Lentil F R C

PIONEER A DUPONT COMPANY FarmPure SEEDS CANTERRA SEEDS

ARDELL SEEDS LTD.

Pedigreed Seed Growers:
TERRY & JOANNE ARDELL

P.O. Box 21 Vanscoy, Saskatchewan S0L 3J0

Tel: (306) 668-4415 Plant: (306) 978-4441
Cel: (306) 221-8347 Fax: (306) 978-4407
ardellseeds@sasktel.net

B4 SEEDS
 Clare & Dale Boyd - 306-752-2108
 Cell: 306-921-7924 Fax: 306-752-2138
 Box 3339, Melfort, SK S0E 1A0

'A Beautiful Harvest Starts With Good Seed.'

Pedigreed Growers,
 Approved Conditioners,
 Custom Cleaning

SeCan

Bergstrom Seeds

Randy & Shirley Bergstrom
 I +53K,+ éI,+
 Box 33, Birsay, SK S0L 0G0

SeCan

Phone 306-573-4625 Fax 306-573-2001

BERSCHIED Bros. Seeds

PEDIGREED SEED GROWERS & PROCESSORS

Kim & Eric Berscheid
 Box 197
 Lake Lenore, SK S0K 2J0
 Ph. 306-368-2602 Fx. 306-368-2689

BEWS AGROW LTD.
 2 Miles North of Eatonia
 Ken or Brent
 Phone: (306) 967-2440

Quality Seed With
 Service Since 1962

• CEREALS
 • PULSES
 • OILSEEDS

SeCan

BIG DOG SEEDS INC.
 V @XMD @LNR
 N WAMV + RI OGNMD 9 2/5-372-1852
 BDOQSHEDC % GfGDQ QDCfQDDR NE SD ENKN/HMF RDDC HM RSNB J 9
 ROQHMF VGD@S 9 RODQA + @B AQQHDf RINVAHQ
 V HMSDV VGD@S 9 BCB ATSDN
 OD@R9 BKHORD+ BCB L NMSDQN + BCB RNM@S@ BCB F NKCDM
 EK@W9 BCB ADSGTMd + @B GmKDX
 OHMSN Ad@MR9 BCB OHMSHTL+ VGHSD L NTMS@HM Mm,C @QJDMHMF
 KDMSHKR9 BCB Ho@ BS

◆ AdSS XNTMF % EQL OTQD B@MNK@R ◆ MHTK@M SR
 ◆ LBNFDM RTMEKNVDOR ◆ NCB
 ◆ R@RR + BQ@FD % SQE RDDC

Trowell, Leslie	Saltcoats	306-744-2684		R
Van Burck, Hans & Marianne	Star City	306-863-4377	S F	R
Wakefield, Monica & Laurie Garland	Maidstone	306-893-2984		C
Watson, Wayne Donald & Calvin & Mark	Avonlea	306-868-2171	S F	
Wilfing, Raymond John & Ryan John	Meadow Lake	306-236-6811		C
Wood, Leonard David	Wynyard	306-554-2932		C
Woroschuk, Andrew	Calder	306-742-4682		C
CDC COWBOY				
Bailey, Roy G.	Milden	306-935-4702		C
Fedoruk, Rod M. & Cathy	Kamsack	306-542-4235	S F	
Van Burck, Hans & Marianne	Star City	306-863-4377	S F	
CDC FIBAR				
Agricore United	Saskatoon	800-565-7333	S F	C
CDC HELGASON				
Woroschuk, Andrew	Calder	306-742-4682		C
CDC KENDALL				
Agricore United	Saskatoon	800-565-7333		R C
Saskatchewan Wheat Pool	Regina		S F R	C
CDC McGWIRE				
Carlson, Herbert E.P. & Leslie	Buchanan	306-592-4449		R C
Denis, Michel P. & Marc	St. Denis	306-258-2075	S	C
Froese, Terrance P.	Rabbit Lake	306-824-2121	F R	C
Herle, Raymond & Gregory R.	Wilkie	306-843-2934	S	
Lung, Ivan & Schemenauer, S. & B.	Lake Lenore	306-368-2414		F
Martodam, Robert	Spiritwood	306-883-2091		R
Pender, Richard Joseph	Saskatoon	306-651-4680	F R	C
Phillips, S. Clare & William P.	Tisdale	306-873-5569		C
Trawin, Alan Ross, Mitchell, Ashton, Jennifer & Jessica	Melfort	306-752-4060	S	R
CDC TREY				
Danielson, Lionel & Bonnie	Norquay	306-594-2173		R
Fedoruk, Rod M. & Cathy	Kamsack	306-542-4235		R C
Froese, Terrance P.	Rabbit Lake	306-824-2121		R
Palmier, Maurice	Lafleche	306-472-5917		R
Trowell, Leslie	Saltcoats	306-744-2684		R
CONLON				
Bochek, Bob J.	Hodgeville	306-677-2548		C
Booy, Jerry N. & Murray T. & Darcy K.	Glaslyn	306-342-2058		C
Fedoruk, Rod M. & Cathy	Kamsack	306-542-4235		C
Herle, Raymond & Gregory R.	Wilkie	306-843-2934		C
Kaeding, Roger W. & Warren	Churchbridge	306-896-2236		C
Pfeifer, Robert G.	Lemberg	306-335-2532		C
Phillips, S. Clare & William P.	Tisdale	306-873-5569		C
Seed Depot Corporation	Pilot Mound	204-825-2000		C
FORMOSA				
Bailey, Roy G.	Milden	306-935-4702		C
Van Burck, Hans & Marianne	Star City	306-863-4377		F
LACEY				
Gerry, Greg	Creelman	306-457-2220		C
LEGACY				
Agricore United	Saskatoon	800-565-7333	S F R	C
Ardell, Terrence Wade, Michael, Brad & Joanne	Vanscoy	306-668-4415		R
Berscheid, K.N. & B. & E.K. & S. & C. & Y.	Lake Lenore	306-368-2602		R
Cay, Randy D.	Kinistino	306-864-3696		R C
Clark, Shaun & Gilchrist, Armand & Gibbings, Neil	Rosetown	306-882-2058		R
FarmPure Seeds	Regina	306-791-0500	S	
Fedoruk, Rod M. & Cathy	Kamsack	306-542-4235	S	C
Fenton, Gerald A. & Robin Paul	Tisdale	306-873-5438	S F R	
Hardy, Brian & Calvin	Grenfell	306-697-3127		C
Heavin, G. Harvey & G. Ryan	Melfort	306-752-4171	S F R	

Hetland, Bill	Naicam	306-874-5694	S	F	R
Hleck, Leo	Codette	306-862-5966			R
Kaeding, Roger W. & Warren	Churchbridge	306-896-2236	S		C
Klemmer, Richard	Nipawin	306-862-3874			R
Luck, Lorne C. & Landis	Tisdale	306-873-4111			C
Novak, Orrin	Kuroki	306-338-2021			R
Ostafie, Dave & Robert	Canora	306-563-6244	S		C
Saskatchewan Wheat Pool	Regina			F	R
Sopatyk, Jeffery & Patti	Saskatoon	306-955-2516		F	R
Tomtene, Terry, Steven & Slind, Daniel	Birch Hills	306-749-3230	S		C

McLEOD

Agricore United	Saskatoon	800-565-7333			R
Bryant, Lee & Phyl & Vern & Carol	Battleford	306-937-3565	S		

MILLHOUSE

Froese, Terrance P.	Rabbit Lake	306-824-2121	S		
Mannle, Kenneth & Laurie	Moosomin	306-435-3411	S		
Tomtene, Terry, Steven & Slind, Daniel	Birch Hills	306-749-3230	S	F	

NEWDALE

Edwards, Lawrence R., Donna, Jeff & Mike	Nokomis	306-528-2140		F	
Farley, William M. & James P.	Grand Coulee	306-757-6844			C
Fedoruk, Rod M. & Cathy	Kamsack	306-542-4235		F	
Kennett, Brian Guy	Manor	306-448-4813			C
Phillips, S. Clare & William P.	Tisdale	306-873-5569			C
Smith, Wayne D.	Limerick	306-263-2144			C
Trawin, John	Melfort	306-752-4060	S		R
Trowell, Leslie	Saltcoats	306-744-2684			R
Van Burck, Hans & Marianne	Star City	306-863-4377	S	F	
Wilfing, Raymond John & Ryan John	Meadow Lake	306-236-6811		F	

PONOKA

Bley, Bradley	Annaheim	306-366-4903			R
Shewchuk, Stan & Lorne & Terry	Krydor	306-497-2800			C

ROBUST

Beuker, Allan Daniel	Melfort	306-863-2225		R	C
Wallin, Darroll & Sheldon	Margo	306-324-2141			C

TRADITION

Agricore United	Saskatoon	800-565-7333		F	R
Berscheid, K.N. & B. & E.K. & S. & C. & Y.	Lake Lenore	306-368-2602			R
Cay, Randy D.	Kinistino	306-864-3696	S		R
Dangstorp, Emil & Brian	Redvers	306-452-3444			C
Fedoruk, Rod M. & Cathy	Kamsack	306-542-4235			C
Fenton, Gerald A. & Robin Paul	Tisdale	306-873-5438	S		C
Fraser, Edward H. & Glen & Dale	Yarbo	306-745-3830			C
Heggie, Robert Thomas	Leross	306-675-4920			R
Hetland, Bill	Naicam	306-874-5694			R
Mannle, Kenneth & Laurie	Moosomin	306-435-3411	S		C
Ostafie, Dave & Robert	Canora	306-563-6244			C
Saskatchewan Wheat Pool	Regina	306-569-4082			R
Sopatyk, Jeffery & Patti	Saskatoon	306-955-2516		F	R
Tomtene, Terry, Steven & Slind, Daniel	Birch Hills	306-749-3230	S		C
Trowell, Leslie	Saltcoats	306-744-2684			R
Yauck, Kevin Rodney	Govan	306-484-4555			C

TYTO

Herle, Raymond & Gregory R.	Wilkie	306-843-2934			R
-----------------------------	--------	--------------	--	--	---

VIRDEN

Phillips, S. Clare & William P.	Tisdale	306-873-5569			C
---------------------------------	---------	--------------	--	--	---

XENA

Agricore United	Saskatoon	800-565-7333		R	C
Saskatchewan Wheat Pool	Regina	306-569-4082			R

BARLEY - SPRING FORAGE

BINSCARTH

Kaeding, Roger W. & Warren	Churchbridge	306-896-2236	S		R
----------------------------	--------------	--------------	---	--	---

BJORNSON FARM
 "Growers & Marketers of Quality Forages"

- Pedigreed & Common Alfalfa Seed
- Leafcutter Bees
- Full line of Grasses • Custom Blending

Greg Bjornson
 Phone: 306-554-3302 Fax: 554-2550 Email: viking2@sasktel.net

BOLT SEED FARM

Box 25, Wynyard, Sask. S0A 4T0 e-mail: boltseedfarm@bogend.com

Phone Dale, Scott or Tod 306-554-2076
GROWERS AND PROCESSORS OF PEDIGREED SEED.
 Seed in stock: Foundation, Certified and Registered

WHEAT: - AC Superb, AC Lillian
 DURUM: - AC Strongfield
 BARLEY: - AC Metcalfe, CDC Copeland
 FLAX: - CDC Bethune, CDC Sorrell
 PEAS: - CDC Golden, Cutlass

SeCan

CAY SEEDS LTD.

Growers of Foundation, Registered and Certified Seed
CEREALS, OILSEEDS AND PULSE CROPS
 Box 672, Kinistino, Sask. S0J 1H0
 "Seedwise We Specialize"

Ph: 306-864-3696 Fax: 306-864-2456
 1 Mile East, 4 Miles South and 1 1/2 Miles East of Kinistino
 caysseeds@sasktel.net

CANTERRA SEEDS **SeCan** **FarmPure SEEDS**

CRASWELL SEEDS

- AC Avonlea Durum
- Strongfield Durum
- CDC Arras Flax
- AC Harvest Wheat
- AC Cadillac Wheat
- Snowbird HWW
- CDC Copeland Barley
- Camry Green Peas
- CDC Blaze Lentils
- CDC Redberry Lentils
- CDC Impact Lentils

Box 367, Strasbourg, SK SOG 4V0
306-725-3236

SeCan

Danielson Seeds Inc.

**Pedigreed & Commercial Seed
 Seed Cleaning and Treating**


Box 352
 Norquay, Sask
 SOA 2V0

FarmPure SEEDS

Ph: 306-594-2173
Fax: 594-2662

Lionel & Bonnie

Don & Barb Sanderson
Rosetown, Sask.



PEDIGREED SEED
Ph. (306) 882-3317

Lentils - Peas - Durum - Barley


EDWARDS FARM CO. LTD.

Beeler Seeds
Pedigreed Seed
Custom Cleaning




Lawrence Edwards Phone (306) 528-2140
Donna Edwards Fax (306) 528-2142
Jeff Edwards Box 160
Mike Edwards Nokomis, SK S0G 3R0
lr.edwards@sasktel.net

FABIAN SEED FARMS INC.
Producers and Processors of Quality Pedigreed Seed



Planting the Seeds of Success™

Patrick Fabian Phone: 403-377-2000
Box 190, Tilley, Alta. T0J 3K0 Fax: 403-377-2222
Cell: 403-633-9999
Website: www.fabianseedfarms.com

FAST SEED FARM
BOX 759, KINDERSLEY, SASK. S0L 1S0
FOUNDATION • REGISTERED • CERTIFIED
SELECT SEED GROWERS



RETAIL • WHOLESALE
Walter and Linda Fast
Phone: 306-463-3626 Fax: (306) 463-8245
wl.fast@sasktel.net





Fedoruk Seeds

- Harvest Wheat • AC Infinity Wheat • AC Crystal Wheat •
- Cooper Peas • Cutlass Peas • Newdale Barley •
- CDC Copeland Barley • AC Metcalfe Barley •
- Conlon Barley • Legacy Barley • Tradition Barley •

PH: 306-542-4235
FAX: 306-542-3048
Email: fedorukseeds@sasktel.net
Kamsack, SK






OATS - SPRING

AC GWEN				
Elmy, Robert W. & Kevin & Christina	Saltcoats	306-744-2779	F	
AC MORGAN				
Ardell, Terrence Wade, Michael, Brad & Joanne	Vanscoy	306-668-4415	F	C
Boyd, Clare W. & Dale A.	Melfort	306-752-2108		R C
Boyd, Raymond W.	Melfort	306-752-3655		C
Geall Seeds Ltd.	Nipawin	306-862-4798		C
Hetland, Bill	Naicam	306-874-5694		C
Latrace, Bill	Caronport	306-693-2626	R	
Martodam, Robert	Spiritwood	306-883-2091		C
Olson, Lyndon Ordon	Archerwill	306-323-4912		C
Phillips, S. Clare & William P.	Tisdale	306-873-5569		C
Reavie, Robert Dixon	Arborfield	306-769-8887		C
Rempel, Blair Allan	Nipawin	306-862-3573		C
Sanderson, Donald Stewart	Rosetown	306-882-3317		R
Sayers, Charlie Joseph	Delmas	306-445-6522		R C
Seidle, E. & B. & C. & M.	Medstead	306-342-4377		R C
Seymour, G.P. Donne, Kyle & Kelly & R. Thistlethwaite	Stewart Valley	306-778-2344		C
Stauber, Clayton & Lori	Stewart Valley	306-773-7907		C
Trawin, Debra Ann	Melfort	306-752-4060	S	
Trowell, Bert & Kenneth & Larry	Saltcoats	306-744-2687	F	R
Wilfing, Raymond John & Ryan John	Meadow Lake	306-236-6811		C
Willness, Rick	Smeaton	306-426-2392		C
Zwingli, James Trent & Shelley	Melfort	306-752-4224		C
AC MUSTANG				
Saskatchewan Wheat Pool	Regina	306-569-4082		C
BOUDRIAS				
Fenton, Gerald A. & Robin Paul	Tisdale	306-873-5438	S	
CALIBRE				
Kasko, F. John	Prince Albert	306-764-2875		C
Phillips, S. Clare & William P.	Tisdale	306-873-5569		C
Shewchuk, Stan & Lorne & Terry	Krydor	306-497-2800		C
CANMORE				
Saskatchewan Wheat Pool	Regina	306-569-4082	S	
CDC BALER				
Buziak, Ronald Charles	Mayfair	306-445-6556	R	C
Charabin, Dale Kenneth & Timothy V.	North Battleford	306-445-2939		C
Girodat, Gerald	Shaunavon	306-297-2913		C
Heggie, Kyle Robert	Leross	306-675-4920		C
Hetland, Bill	Naicam	306-874-5694		C
Lueke, Dennis	Humboldt	306-682-5170		C
Maze, Norman Daryl	Unity	306-398-2637		C
Tebbutt, Ronald E. & Gregg	Nipawin	306-862-9730		C
CDC BOYER				
Ennis, Garnet & Burton & Neil	Glenavon	306-429-2793		R
Kennett, Brian Guy	Manor	306-448-4813		R
McCarthy, Richard J. & Brent	Corning	306-224-4848		C
Pratchler, John & L. & M. & A.	Muenster	306-682-3317		C
Stoll, Douglas John, Joan & Lyndon	Delisle	306-493-2534		C
CDC DANCER				
Farley, William M. & James P.	Grand Coulee	306-757-6844		C
Froese, Terrance P.	Rabbit Lake	306-824-2121		R C
Hardy, Allan W. & Dale & Evan	Grenfell	306-697-3128		C
Heggie, Robert Thomas	Leross	306-675-4920		C
Hyndman, Glen	Balcarres	306-334-2914		R
Kaeding, Roger W. & Warren	Churchbridge	306-896-2236		C
Littman, Larry W. & Allan B. & L.R.	Saltcoats	306-783-6518		C
Lueke, Dennis	Humboldt	306-682-5170	S	R C
McCarthy, Richard J. & Brent	Corning	306-224-4848		R

Novak, Orrin	Kuroki	306-338-2021	R
Slind, Donald Edward	Archerwill	306-323-4927	R
Trowell, Leslie	Saltcoats	306-744-2684	F R

CDC ORRIN

Berscheid, K.N. & B. & E.K. & S. & C. & Y.	Lake Lenore	306-368-2602	R C
Cay, Randy D.	Kinistino	306-864-3696	R
Charabin, Dale Kenneth & Timothy V.	North Battleford	306-445-2939	C
Clark, Shaun & Gilchrist, Armand & Gibbings, Neil	Rosetown	306-882-2058	C
Fenton, Gerald A. & Robin Paul	Tisdale	306-873-5438	S F C
Mayerle, Ted. J.	Tisdale	306-873-4358	R
Novak, Orrin	Kuroki	306-338-2021	S F R
Tomtene, Terry, Steven & Slind, Daniel	Birch Hills	306-749-3230	C

CDC SO-I

Charabin, Dale Kenneth & Timothy V.	North Battleford	306-445-2939	S
Trowell, Leslie	Saltcoats	306-744-2684	S

CDC WEAVER

Berscheid, K.N. & B. & E.K. & S. & C. & Y.	Lake Lenore	306-368-2602	S
Fedoruk, Rod M. & Cathy	Kamsack	306-542-4235	S
Froese, Terrance P.	Rabbit Lake	306-824-2121	S R
Kennett, Brian Guy	Manor	306-448-4813	F
Littman, Larry W. & Allan B. & L.R.	Saltcoats	306-783-6518	F
Novak, Orrin	Kuroki	306-338-2021	S F
Ostafie, Dave & Robert	Canora	306-563-6244	S F
Smith, Ron T.W. & Barb A.	Limerick	306-263-4944	S
Trowell, Leslie	Saltcoats	306-744-2684	S F

FURLONG

Berscheid, K.N. & B. & E.K. & S. & C. & Y.	Lake Lenore	306-368-2602	C
Kirkham, Daniel Grant & Fran & R.	Saltcoats	306-744-2542	C
Trowell, Leslie	Saltcoats	306-744-2684	R

JORDAN

Elmy, Robert W. & Kevin & Christina	Saltcoats	306-744-2779	S
Hetland, Bill	Naicam	306-874-5694	S
Jones, Bradley	Wadena	306-338-2381	S
Ostafie, Dave & Robert	Canora	306-563-6244	S
Pratchler, John & L. & M. & A.	Muenster	306-682-3317	S
Sanderson, Donald Stewart	Rosetown	306-882-3317	S
Trawin, John	Melfort	306-752-4060	S
Trowell, Bert & Kenneth & Larry	Saltcoats	306-744-2687	S

KAUFMANN

Palik, Jack	Kipling	306-736-2618	C
Woroschuk, Andrew	Calder	306-742-4682	R

LEGGETT

Boyd, Clare W. & Dale A.	Melfort	306-752-2108	C
Danielson, Lionel & Bonnie	Norquay	306-594-2173	S
Fedoruk, Rod M. & Cathy	Kamsack	306-542-4235	S
Fenton, Gerald A. & Robin Paul	Tisdale	306-873-5438	S
McCarthy, Richard J. & Brent	Corning	306-224-4848	S

LU

Berscheid, Daniel	Lake Lenore	306-682-3488	S
Elmy, Robert W. & Kevin & Christina	Saltcoats	306-744-2779	S F
Geall Seeds Ltd.	Nipawin	306-862-4798	C
Olson, Lyndon Ordon	Archerwill	306-323-4912	C
Stokke, Terry J. & Shane T.	Watrous	306-946-2566	C

MURPHY

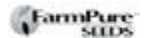
Elmy, Robert W. & Kevin & Christina	Saltcoats	306-744-2779	S
-------------------------------------	-----------	--------------	---

PINNACLE

Ardell, Terrence Wade, Michael, Brad & Joanne	Vanscoy	306-668-4415	F C
---	---------	--------------	-----



**Ferndale
Farms Ltd.**
**PEDIGREED
SEEDS**

**DALE & JUNE WOODS**

PH: 645-4423 Fax: 645-2787 EMAIL: djwoods2002@hotmail.com
BOX 535 ROCANVILLE, SASK. SOA 3L0

BUILD YOUR FUTURE WITH US

**FOWLER SEEDS LTD.**

PEDIGREED SEED GROWERS

Pedigreed and Commercial Seeds

**Custom cleaning, treating and bagging
Scale on Farm.**

Box 547, Central Butte, Sask. S0H 0T0

306-796-4652



SeCan

GIRODAT SEEDS LTD.

GROWERS AND PROCESSORS OF PEDIGREED SEED

Seed in stock: Certified and Registered

Spring Wheat — Lillian, Infinity, Lovitt, Superb, Snowbird
Durum Wheat — Strongfield, A.C. Avonlea
Barley — Metcalfe, Newdale, Harrington, Conlon
Peas — SW Midas
Oats — Baler

Contact:
Gerald Girodat
Box 664,
Shaunavon, SK S0N 2M0
Tel: 306-297-2563
Fax: 306-297-2913

**Greenleaf Seeds Ltd.**

BOX 1180, TISDALE, SASK. S0E 1T0
PH: 873-4261 FAX: 873-5710

- Wheat - Infinity, Intrepid, Harvest, Superb
- Barley - Metcalfe
- Canola - RR, Liberty Link, Smart, OP Canola
- Flax - Bethune
- Yellow Peas - Golden, Bronco, Cutlass, Fusion
- Green Peas - Cooper, Sage, Montero
- Lentils - Blaze, Impact
- Winter Wheat - McClintok



- Beans - Pintum
- Oats - Orrin

Production, Processing and Conditioning of Pedigreed Seed

ERWIN MAYERLE

KRIS MAYERLE

**GREGOIRE
FARMS**

Seed Grower & Processing

**AC Elsa * CDC Image * HRS Wheat
Bluebird and CDC Striker Green Peas
Copeland Malting Barley * Red Lentils**

**INNO
seeds**

SeCan

R.R. 3
North Battleford, SK
S9A 2X4

Denis Gregoire (306) 446-2994
Emile Gregoire (306) 445-5516
FAX (306) 446-2997

Certified Seed for Sale:
CDC PLATO LENTILS

- High Yielding!
- Zero disease & excellent germination

Contact: **Shawn Hermanson**
 Stewart Valley, SK Phone: 306-778-2605


Garratt, Lyle C. & K.C.	Milestone	306-436-2178		C
Kennett, Brian Guy	Manor	306-448-4813		R C
Palmier, Maurice	Lafleche	306-472-5917		C
Tulloch, Randy	Broadview	306-696-2840		C
RONALD				
Ambros, Judeen	Kerrobert	306-834-5185		C
Fraser, Edward H. & Glen & Dale	Yarbo	306-745-3830		C
Gaertner, Lyle	Tisdale	306-873-4936		C
Holland, Ernest W.	Rocanville	306-645-4223		C
Olson, Lyndon Ordon	Archerwill	306-323-4912		C
Ostafie, Dave & Robert	Canora	306-563-6244		C
Trowell, Bert & Kenneth & Larry	Saltcoats	306-744-2687		R
SW BETANIA				
Agricore United	Saskatoon	800-565-7333	S F R	C

KEG AGRO

Pulse Crop Processors
 Dry Bean Processing, Contracting, Seed Sales
Pedigreed Seed Sales
 Pulse Crops, Oilseeds, Grasses and Alfalfa


Box 1368 Outlook, SK Canada S0L 2N0
 Office (306) 867-8667 Fax (306) 867-8290
 Res (306) 867-8571

RYE - WINTER				
AC REMINGTON				
Kaeding, Roger W. & Warren	Churchbridge	306-896-2236		R
HAZLET				
Bailey, Roy G.	Milden	306-935-4702	S	R
Kaeding, Roger W. & Warren	Churchbridge	306-896-2236		R
Ostafie, Dave & Robert	Canora	306-563-6244	S	
Trawin, John	Melfort	306-752-4060		R
Willner, Lorne E.	Davidson	306-567-4613	S	
PRIMA				
Tanner, David A. & Hazel	Regina	306-757-7012		C
Tebbutt, Ronald E. & Gregg	Nipawin	306-862-9730	F R	

 www.labrecqueseedfarms.com
 rogsal@sasktel.net
HOME 373-9379
CELL 222-6667
FAX 373-9009

Oilseeds, Pulses, Cereals, Specialty Seeds

ROGER R. LABRECQUE
 831 Budz Cres. Saskatoon, SK S7H 4M8

TRITICALE - SPRING				
AC ULTIMA				
Kaeding, Roger W. & Warren	Churchbridge	306-896-2236		C
Maze, Norman Daryl	Unity	306-398-2637		C
BUNKER				
Farley, William M. & James P.	Grand Coulee	306-757-6844	S	
Froese, Terrance P.	Rabbit Lake	306-824-2121	S	
Maze, Norman Daryl	Unity	306-398-2637	F	C
Trawin, John	Melfort	306-752-4060	S	

LUNG SEEDS LTD.
 Box 179 Lake Lenore, Sask. S0K 2J0

- Superb Wheat
- AC Metcalfe Barley
- CDC McGwire Barley
- Cooper Peas
- 1818 RR Canola
- AC Lillian Wheat
- CDC Copeland Barley
- Golden Peas
- CDC Bethune Flax
- CDC Togo Canary Seed
- AC Infinity Wheat
- Conlon Barley
- Bronco Peas
- AC Morgan Oats
- Other Canterra Canola Varieties

Ph: 306-368-2414 Fax: 306-368-2415
 Complete Seed Processing & Sales

TRITICALE - WINTER				
FRIDGE				
Elmy, Robert W. & Kevin & Christina	Saltcoats	306-744-2779	S F	

LUOMA SEEDS INC.
 Box 490 Trochu, Alberta TOM 2C0
 Phone 403-442-2365 Fax 403-442-2638
 Highway 21, South of Trochu

CERTIFIED, FOUNDATION, & REGISTERED SEED
 Wheat, Barley, Canola, Grass Seed, Flax
 Progressive Seeds: Triticale & Hullless Barley

We have carryover of high generation older varieties.

EXPECT Something Wonderful to Happen

WHEAT - DURUM				
AC AVONLEA				
Craswell, Raymond W.	Strasbourg	306-725-3236		C
Farley, William M. & James P.	Grand Coulee	306-757-6844		C
Hyndman, David	Balcarres	306-334-2914		R
Lueke, Dennis	Humboldt	306-682-5170		C
Marin, Darald	Radville	306-869-2262		C
Straub, Lorne A.	Pense	306-345-2390		C
AC NAVIGATOR				
Saskatchewan Wheat Pool	Regina	306-569-4082	S F R	C
COMMANDER				
Hundeby, R. & D. & R. & A. & K. & L. & Wonnick, Adam	Elbow	306-854-4629		R C
Saskatchewan Wheat Pool	Regina	306-569-4082	S F R	C
KYLE				
Garratt, Lyle C. & K.C.	Milestone	306-436-2178		C
Needham, Reginald R.	Oxbow	306-483-5052		C
Needham, Ronald Clarence	Oxbow	306-483-5063	S	
Tanner, David A. & Hazel	Regina	306-757-7012		C
Watson, Wayne Donald & Calvin & Mark	Avonlea	306-868-2171		F
NAPOLEON				
Pfeifer, Robert G.	Lemberg	306-335-2532		C

OATS
 RYE
 TRITICALE
 WHEAT

STRONGFIELD

Ackerman, Patrick	Chamberlain	306-638-3177		C
Altwasser, Rodney & Allen R. & Dean	Yellow Grass	306-465-2727		R
Annand, Glenn	Mossbank	306-354-7675	S	R C
Ardell, Terrence Wade, Michael, Brad & Joanne	Vanscoy	306-668-4415	S	R
Bailey, Roy G.	Milden	306-935-4702	S	R
Barlow, Bradley L.	Griffin	306-842-6216	S	R
Bergstrom, Randy M.	Birsay	306-573-4625		R C
Bews, W. Kenneth & Brent W.	Eatonia	306-967-2440	S	F R
Biese, Jerry	Swift Current	306-773-7027		C
Blenkin, Leonard G. & Larry K.	Sintaluta	306-727-2222		R
Bolt, Dale & Scott & Tod	Wynyard	306-554-2076		R
Boyd, William R. & Regan	Eston	306-962-3526	S	F C
Brigden, Allan D., Drew & Devon	Kisbey	306-462-4813		C
Buziak, Ronald Charles	Mayfair	306-445-6556		C
Carefoot, Floyd Martin	Swift Current	306-773-6963		R
Carefoot, Lorne R.	Swift Current	306-773-6970		R
Clark, Shaun & Gilchrist, Armand & Gibbings, Neil	Rosetown	306-882-2058	F	C
Craswell, Raymond W.	Strasbourg	306-725-3236		R
Delorme, Gerald R.	Assiniboia	306-642-5793		R
Dobson, J. H., Curtis & Alison	Rouleau	306-776-2500		R
Dowdeswell, Donald D.	Pennant	306-626-3388		R C
Duclos, Roger	Admiral	306-785-4625		C
Eyolfson, Robert H.	Leslie	306-272-4624		R
Fast, Walter J. & Linda	Kindersley	306-463-3626	F	R C
Foberg, Barry & Delana & Devin & Brandon	Shaunavon	306-297-2087		C
Forer, Tim & Denise	Avonlea	306-868-4433	F	R C
Fraser, Robin & Jason	Pambrun	306-582-2148		R
Fraser, Scott & Shawn	Pambrun	306-582-2148		R
Fritzler, Baine A., Brenda D. & Adam A.	Govan	306-484-4612		R
Garratt, Lyle C. & K.C.	Milestone	306-436-2178	F	R
Geiger, Timothy	Leader	306-628-4335	S	F R C
Gery, Greg	Creelman	306-457-2220		C
Girodat, Gerald	Shaunavon	306-297-2913		R C
Goranson, Brian C.	Weyburn	306-842-6704		R
Hansen, James S.	Yellow Grass	306-465-2525		R C
Herle, Raymond & Gregory R.	Wilkie	306-843-2934		R
Hetland, Bill	Naicam	306-874-5694		C
Hundeby, R. & D. & R. & A. & K. & L. & Wonnick, Adam	Elbow	306-854-4629		R
Hyndman, David	Balcarres	306-334-2914		R
Hyndman, Glen	Balcarres	306-334-2914	S	R
Johnston, Lorne E. & L. Neil & L. J.	Eston	306-962-3917	S	F R
Kemper, Kenneth W. & Armella	Humboldt	306-682-3570		R
Latrace, Bill	Caronport	306-693-2626		R
Leduc, Gerald R.	Assiniboia	306-642-3076		C
Lutzer, Albert & Latrace, Jim	Lumsden	306-731-2843		C
Mattus, Ronald	Chaplin	306-395-2652		R
Mayell, Harvey J. & Calvin J.	Congress	306-642-3120	S	
Miller, Neil, Lynwood, Jarrod, Sean & Bruce	Avonlea	306-868-2165	F	R C
Minogue, Rob	Lacadena	306-574-4947		R
Murray, Scott & Ross	Young	306-259-4944		R
Nakonechny, Peter, Don P., Joyce, Coral & Lance	Ruthilda	306-932-4409	S	F
Needham, Reginald R.	Oxbow	306-483-5052		R C
Nell, Robin William	Francis	306-957-4236		R
Palmier, Maurice	Lafleche	306-472-5917		R
Petruic, Cameron L. & Judy	Avonlea	306-868-2294	S	C
Reisner, Cecil & Barry	Limerick	306-263-2139	S	F R C
Renwick, Douglas Dale	Milestone	306-436-4418		R C
Sandercock, Eric M.	Balcarres	306-334-2958		C
Sanderson, Barbara J.	Rosetown	306-882-3317		R
Sanderson, Everett D. & Wanda	Rosetown	306-882-3371		R
Schmeling, Donald H.	Riceton	306-738-2064		R
Seymour, G.P. Donne, Kyle & Kelly & R. Thistlethwaite	Stewart Valley	306-778-2344		R C

M & M SEEDS

Box 7, St. Denis, SK S0K 3W0

Wheat	Barley	Yellow Peas	Green Peas	Red Lentils	Canola
AC Lillian	AC Metcalfe	Bronco	Cooper	Impact	1841 H
AC Infinity	CDC Copeland	Midas		Redberry	1818
AC Barrie	CDC McGwire	Eclipse			SW - 3950
		CDC Golden			SW - 6802
		Meadow			Reaper
					LL74P00 & more

CUSTOM SEED CLEANING

Ph. Seed Plant: 258-2219 Fax: 258-2220 Email: mandmseeds@sasktel.net

	Marc			Mitch	SeCan
--	-------------	--	--	--------------	--------------

Maze SEED FARMS LTD.

BOX 660 UNITY, SASKATCHEWAN S0K 4L0
PEDIGREED SEED GROWERS & PROCESSORS

Wheat - Snowbird, AC Taber, Harvest
Barley - AC Metcalfe, AC Ranger
Oats - Baler
Triticale - AC Ultima
Peas - 40-10 Forage - Green - Yellow

FORAGE BLENDS AVAILABLE

	NORM	GARY
	PHONE: (306) 398-2637	FAX: (306) 398-2638
	E-MAIL: mazeseeds@sasktel.net	www.mazeseeds.com

MCCARTHY SEED FARM

WHEAT - AC Elsa, Snowbird
BARLEY - AC Metcalfe, CDC Copeland,
OATS - CDC Dancer PEAS - Eclipse
CDC Bethune Flax, FarmPure Seeds Canola

RICK & CAROL MCCARTHY
BRENT & GINETTE MCCARTHY

Box 4 - CORNING, SASK. PH. 224-4848

MCDUGALL ACRES LTD

AVAILABLE FOR SEEDING 2007

 www.mcdougallacres.com seed@mcdougallacres.com Phone: 306-693-3649 Fax: 306-693-3659 MOOSE JAW, SK	CDC Viceroy Lentils CDC Redberry Lentils CDC Sedley Lentils CDC Plato Lentils CDC Acer Peas CDC Minuet Pea Amit (B-90) Chickpeas Inoculants including ProTec™
---	--

Pedigreed Seed Growers - Custom Seed Cleaning - Custom Colour Sorting

GARRY MEIER

Certified Hemp Planting Seed

USO 14 * USO 31 * CRAG

Ph: 306-277-2110 Cell: 306-873-7652
email: kgbmeier@sasktel.net

MILLER SEEDS LTD.

Select Growers of Pedigreed Seed
Box 478, Cutknife, SK S0M 0N0

SeCan

- CDC Boyer Oats
- AC Cadillac
- CDC Montero Peas

- AC Snowbird
- AC Avonlea Durum
- Nitouche Peas

Ron Miller
Ph. 306-398-2723 Cell 306-843-7398
Fax 306-398-2677

NAKONECHNY SEEDS

Select Growers & Processors of Pedigreed Seed

- Wheat • AC Andrew • AC Lillian
- Durum • AC Strongfield
- Lentils • CDC Impact • CDC Redberry • CDC Rouleau
- CDC Plato • CDC Grandora
- Barley • CDC Copeland • CDC Dawn
- Canaryseed • CDC Maria Flax • CDC Normandy

SeCan

Box 26, Ruthilda, Sask. S0K 3S0
Donald Peter
932-4409 932-2012
"Where Quality Comes First!"

Your Pedigreed Seed Grower-Processor-Dealer
Cereals * Oilseeds * Forages * Pulses

the HOUSE

NORTHEASTERN SEED COMPANY LTD

100 LIVINGSTONE STREET YORKTON SASKATCHEWAN
Ph: (306) 783-6518 Plant: (306) 744-2552 Fax: (306) 783-6519

One Oak Farms

Seed Grower & Processor

FarmPure SEEDS

SeCan

Humboldt, SK S0K 2A0
Tel: 306-682-5170
Fax: 306-682-5420
Dennis & Cindy Lueke

- * Wheat
- * Durum
- * Barley
- * Oats

COMMON SEED

CEREAL, FORAGE, OILSEEDS.
Turn seeds to profit. Grow your seed business or find the seed you need. Right here in the Western Producer Classifieds! Call today toll free 1-800-667-7770



Producer Classifieds
Small Ads... Big Results!

Swift Current	306-773-0803		R
Simpson, Greg J.	306-693-2132		R C
Smith, Ron T.W. & Barb A.	306-263-4944		F R C
Smith, Wayne D.	306-263-2144		R
Sopatyk, Jeffery & Patti	306-955-2516	S	
Stauber, Clayton & Lori	306-773-7907		R
Stirton, Brian James	306-693-2310	S	R C
Stoll, Douglas John, Joan & Lyndon			
	Delisle	306-493-2534	R
Straub, Lorne A.	Pense	306-345-2390	S C
Tanner, David A. & Hazel	Regina	306-757-7012	S
Watson, Wayne Donald & Calvin & Mark			
	Avonlea	306-868-2171	S C
Wiens, Rudy G.	Herschel	306-377-4800	S R C
Willner, Lorne E.	Davidson	306-567-4613	S F R
Yauck, Kevin Rodney	Govan	306-484-4555	R

WHEAT - SPRING

5400IP			
Agricore United	Saskatoon	800-565-7333	S F R C
5601HR			
Agricore United	Saskatoon	800-565-7333	F R
5602HR			
Agricore United	Saskatoon	800-565-7333	S F R C
5700PR			
Agricore United	Saskatoon	800-565-7333	F R C
5701PR			
Agricore United	Saskatoon	800-565-7333	S F R C
AC ANDREW			
Arnst, David Arthur	Jansen	306-364-4716	C
Barton, Darryl & Hugh & Barry	Conquest	306-856-4608	C
Edwards, Lawrence R., Donna, Jeff & Mike	Nokomis	306-528-2140	C
Forster, Glenn M. & Patrick & Marthe	Lake Lenore	306-682-3485	S C
Gerry, Greg	Creelman	306-457-2220	C
Herle, Raymond & Gregory R.	Wilkie	306-843-2934	C
Kuchinka, Clayton	Macoun	306-634-9320	C
Nakonechny, Peter, Don P., Joyce, Coral & Lance	Ruthilda	306-932-4409	S C
Sopatyk, Jeffery & Patti	Saskatoon	306-955-2516	C
Winterhalt, Tim	Unity	306-228-3170	C
AC BARRIE			
Allan, J. Garth	Corning	306-457-2729	R
Amos, K. Wayne	Oxbow	306-483-2963	S F C
Carefoot, Lorne R.	Swift Current	306-773-6970	C
Dangstorp, Emil & Brian	Redvers	306-452-3444	C
Denis, Michel P. & Marc	St. Denis	306-258-2075	C
Edmunds, Greg & Glen	Tisdale	306-873-5480	C
Eyolfson, Robert H.	Leslie	306-272-4624	R
Fowler, Edith	Central Butte	306-796-4652	C
Gaertner, Lyle	Tisdale	306-873-4936	F
Heavin, G. Harvey & G. Ryan	Melfort	306-752-4171	R
Heavin, Larry N. & L. Warren	Melfort	306-752-4020	C
Heavin, Milton Russell	Melfort	306-752-4071	R
Hetland, Bill	Naicam	306-874-5694	R
Hilling, Dennis L.	Moose Jaw	306-693-2506	C
Holland, Ernest W.	Rocanville	306-645-4223	C
Lepp, Milton & Elden & Neufeld, M.			
	Hepburn	306-254-4243	C
Luck, Lorne C. & Landis	Tisdale	306-873-4111	C
Malberg, Rod C.	Aylsham	306-862-5844	R
Mannle, Kenneth & Laurie	Moosomin	306-435-3411	C
Marin, Darald	Radville	306-869-2262	C
Osborne, Nolan Stanley C.	Yorkton	306-782-7113	C
Reisner, Cecil & Barry	Limerick	306-263-2139	C
Rennick, Joe R. & William J. & Bernadette & E.R.	Milestone	306-436-4353	R
Rude, Stanley	Naicam	306-874-2359	R
Rugg, Barry C. & Robert B.	Elstow	306-257-3638	R



SIMPSON SEEDS INC.

Special Crop Processing • Select Seed Growers

Lentils, chickpeas, cereals, oilseeds.

Inoculants

P.O. Box 1136 **TELEPHONE (306) 693-2132**
 Moose Jaw, Sask. Canada S6H 4P8 **FAX (306) 693-4489**
 Website: www.simpsonseeds.com Email: ssi@simpsonseeds.com

SOUTH SEEDS  **SeCan**


Wheat - AC Infinity - Superb - Lillian - CDC Go
Barley - CDC Copeland - AC Metcalfe
Peas - CDC Bronco - CDC Golden - Cooper

PH: (306) 752-9840 "Good Seed Pays" FAX: (306) 752-9197
 Box 3219, Melfort, SK S0E 1A0


STOKKE SEEDS

PEDIGREED SEED SALES

- HRS Wheat
- Malt Barley
- Oilseeds
- Spices
- Pulse Crops

— Caraway, Coriander Marketers & Processors
 — Flax and Oat Buyers and Exporters
 — Sakundiak bin sales & hopper cones

PH: 306•946•4044 FAX: 306•946•4069
 E-mail: ssc@sasktel.net
 Box 1315
 Watrous, SK S0K 4T0 

 **STOLL'S SEED BARN LTD.**

Doug and Joan Stoll
 Pedigreed Seed & Processing
AC Strongfield Durum & CDC Boyer Oats
AC Lillian Wheat
 Box 535, Delisle, Saskatchewan S0L 0P0
 Telephone (306) 493-2534



306-484-4612 **306-484-2010**
Baine A. Fritzler **Seed Plant**
Cereals - Oilseeds - Pulses - Mustards

AC INTREPID

Ardell, Terrence Wade, Michael, Brad & Joanne	Vanscoy	306-668-4415	S	C
Cay, Randy D.	Kinistino	306-864-3696		R C
Illingworth, D.W. & H.V. & T. D.	North Battleford	306-445-5630	F	R C
Mayerle, Bernhard C.	Tisdale	306-873-4267		C
Slind, Donald Edward	Archerwill	306-323-4927		C
Veikle, Lorne A. & Carl E. & G. & J.	Cut Knife	306-398-4714		C

AC SPLENDOR

Beuker, Allan Daniel	Melfort	306-863-2225		C
Bryant, Lee & Phyl & Vern & Carol	Battleford	306-937-3565		R
Hamilton, Raymond A.	Holbein	306-747-3732		C
Littman, Larry W. & Allan B. & L.R.	Saltcoats	306-783-6518		C
Zwingli, James Trent & Shelley	Melfort	306-752-4224		R

AC TABER

Maze, Norman Daryl	Unity	306-398-2637		R C
--------------------	-------	--------------	--	-----

AC VISTA

Berscheid, K.N. & B. & E.K. & S. & C. & Y.	Lake Lenore	306-368-2602		R
Boyd, Clare W. & Dale A.	Melfort	306-752-2108		R
Charabin, Dale Kenneth & Timothy V.	North Battleford	306-445-2939		R
Fenton, Gerald A. & Robin Paul	Tisdale	306-873-5438	S F	R
Hardy, Allan W. & Dale & Evan	Grenfell	306-697-3128		C
Hardy, Brian & Calvin	Grenfell	306-697-3127		C
Heggie, Kyle Robert	Leross	306-675-4920		R
Kaeding, Roger W. & Warren	Churchbridge	306-896-2236		C
Watson, Wayne Donald & Calvin & Mark	Avonlea	306-868-2171		C
Wilfing, Raymond John & Ryan John	Meadow Lake	306-236-6811		C

CDC ALSASK

Saskatchewan Wheat Pool	Regina	306-569-4082	S F	R
-------------------------	--------	--------------	-----	---

CDC BOUNTY

Veikle, Lorne A. & Carl E. & G. & J.	Cut Knife	306-398-4714		C
--------------------------------------	-----------	--------------	--	---

CDC GO

Anderson, Trevor Ward	Frontier	306-296-2104		C
Brown, Kyle	Prince Albert	306-922-0571		R
Fritzler, Baine A., Brenda D. & Adam A.	Govan	306-484-4612		R
Heavin, G. Harvey & G. Ryan	Melfort	306-752-4171	S	
Lung, Ivan & Schemenauer, S. & B.	Lake Lenore	306-368-2414		R
MacGregor, Robert C.	Garrick	306-276-2384		F
Nystuen, David G.	Spalding	306-872-2014	S	R C
Ostapovitch, F.G. & Glen	Theodore	306-647-2205		R
Sopatyk, Jeffery & Patti	Saskatoon	306-955-2516	S	C

CDC IMAGINE

Agricore United	Saskatoon	800-565-7333	S F	R C
Baxter, Daniel J.H.	North Battleford	306-445-5414		R C
Hanmer, Ronald F., Kent, Brad & Dallas	Govan	306-484-4327		C
McCarthy, Richard J. & Brent	Corning	306-224-4848		C
Perkins, William F.	Codette	306-862-5993		C
Saskatchewan Wheat Pool	Regina	306-569-4082	S F	R C
Sperle, Val A. & Bentley D. & Jody	Unity	306-228-3160		C

CDC OSLER

Ambros, Judeen	Kerrobert	306-834-5185		R
Berscheid, K.N. & B. & E.K. & S. & C. & Y.	Lake Lenore	306-368-2602		F
Beuker, Allan Daniel	Melfort	306-863-2225	S	R C
Klemmer, Richard	Nipawin	306-862-3874		R
Naber, Kenneth E. & Todd K. & Lee Ann	Melfort	306-752-4248		R
Palchinski, Michael	Saskatoon	306-654-2050		R

Pederson, Lorne Robert	Archerwill	306-323-4240	R
Russell, James Arthur & Timothy James	Nipawin	306-276-2535	R
Wolf, William H.	Craven	306-731-3227	F R
CDC RAMA			
Hardy, Allan W. & Dale & Evan	Grenfell	306-697-3128	C
CDC TEAL			
Bailey, Roy G.	Milden	306-935-4702	R C
Blenkin, Leonard G. & Larry K.	Sintaluta	306-727-2222	C
Calcutt, Clifford W.	Lemberg	306-335-2860	C
Calcutt, Garry M.	Lemberg	306-335-2760	C
Charabin, Dale Kenneth & Timothy V.	North Battleford	306-445-2939	C
Dowdeswell, Donald D.	Pennant	306-626-3388	C
Fenton, Gerald A. & Robin Paul	Tisdale	306-873-5438	S F R C
Hardy, Allan W. & Dale & Evan	Grenfell	306-697-3128	S
Hardy, Brian & Calvin	Grenfell	306-697-3127	C
Hetland, Bill	Naicam	306-874-5694	R
Littman, Larry W. & Allan B. & L.R.	Saltcoats	306-783-6518	C
Olson, Lyndon Ordon	Archerwill	306-323-4912	C
Simcoe Agservices Inc.	Swift Current	306-773-0803	C
Smith, Wayne D.	Limerick	306-263-2144	F C
COLUMBUS			
Titman, David G. & Loa L.	Viscount	306-944-4236	S F R
HARVEST			
Boyd, Clare W. & Dale A.	Melfort	306-752-2108	R
Buziak, Ronald Charles	Mayfair	306-445-6556	C
Cay, Susan M.	Kinistino	306-752-3696	C
Charabin, Dale Kenneth & Timothy V.	North Battleford	306-445-2939	F C
Craswell, Raymond W.	Strasbourg	306-725-3236	C
Danielson, Lionel & Bonnie	Norquay	306-594-2173	C
Dell, Dennis & Bonnie A.	Dafoe	306-554-3117	C
Fedoruk, Rod M. & Cathy	Kamsack	306-542-4235	R
Fenton, Gerald A. & Robin Paul	Tisdale	306-873-5438	S F
Froese, Terrance P.	Rabbit Lake	306-824-2121	F R C
Hardy, Allan W. & Dale & Evan	Grenfell	306-697-3128	R
Herle, Raymond & Gregory R.	Wilkie	306-843-2934	C
Kerber, Greg	Rosthern	306-232-4474	R C
Laxdal, G.M.; Blyth, D., Gregory, Wayne & Richard & Bolt, Glen A.	Wynyard	306-554-2078	S
Littman, Larry W. & Allan B. & L.R.	Saltcoats	306-783-6518	C
Mayerle, Bernhard C.	Tisdale	306-873-4267	R C
Ostafie, Dave & Robert	Canora	306-563-6244	S F C
Phillips, S. Clare & William P.	Tisdale	306-873-5569	C
Smith, Wayne D.	Limerick	306-263-2144	R
Tebbutt, Ronald E. & Gregg	Nipawin	306-862-9730	C
Van Burck, Hans & Marianne	Star City	306-863-4377	S R C
Wakefield, Monica & Laurie Garland	Maidstone	306-893-2984	R C
Weightman, Brian	Rosthern	306-232-5588	C
Wilfing, Raymond John & Ryan John	Meadow Lake	306-236-6811	R C
INFINITY			
Ardell, Terrence Wade, Michael, Brad & Joanne	Vanscoy	306-668-4415	F C
Bergstrom, Randy M.	Birsay	306-573-4625	C
Berscheid, K.N. & B. & E.K. & S. & C. & Y.	Lake Lenore	306-368-2602	R C
Buziak, Ronald Charles	Mayfair	306-445-6556	R
Cay, Randy D.	Kinistino	306-864-3696	R C
Clark, Shaun & Gilchrist, Armand & Gibbings, Neil	Rosetown	306-882-2058	F R
Fast, Walter J. & Linda	Kindersley	306-463-3626	S C
Fedoruk, Rod M. & Cathy	Kamsack	306-542-4235	F C
Fraser, Edward H. & Glen & Dale	Yarbo	306-745-3830	C
Girodat, Gerald	Shaunavon	306-297-2913	C
Greenshields, Grant & Jim & Callie	Semans	306-524-2155	F R



Tebbutt Seeds Ltd.

Box 222, Nipawin, SK S0E 1E0
Ph: 306-862-9730 Fax: 306-862-4113
Gregg and Ron Tebbutt

HRS - Harvest, AC Cadillac
Barley - AC Metcalfe, CDC Copeland, Newdale
Yellow Peas - DS-Admiral, Cutlass, CDC Bronco Fall Rye - Prima
Oats - CDC Baler
Alfalfa - Clovers

SeCan

"44 Years of Quality Seed Production"

**Steven Tomtene
Daniel Slind
Terry Tomtene**



TOMTENE SEED FARM

**Tomtene Seed Farm
PO Box 116
Birch Hills, SK
S0J 0G0**

Office Phone: 306-749-3230
Shop Phone: 306-749-3554
Fax: 306-749-3334
Email: tsf@skvelocity.ca

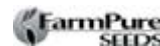


TRAWIN SEEDS

Cereals, Lentils, Peas, Legumes,
Grasses, Canola, Canary Seed,
Fall & Spring Rye, Flax,
Spring & Winter Triticale
Millet, Mustard, Very High Yielding
Superb Wheat, AC Morgan Oats.

SeCan

Box 267, Melfort, SK S0E 1A0
(306) 752-4060



Ken and Larry Trowell

Box 210 Saltcoats, SK S0A 3R0
Pedigreed Seed Growers

WHEAT: Superb, AC Barrie, AC Elsa
BARLEY: CDC Copeland, AC Metcalfe,
CDC Helgason
OATS: AC Morgan, Ronald
FLAX: CDC Bethune

Phone: Ken (306) 744-2687 Larry (306) 744-2604
Fax: (306) 744-2754

VAN BURCK SEEDS

STAR CITY, SK

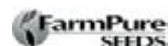
Tel: 306-863-4377
Fax: 306-863-2252



E-mail: vanburckseeds@vectorbroadband.com

Foundation, Registered, Certified Seed

Wheat, Oats, Barley, Flax, Peas, LL Canola & RR Canola



SeCan



WALKER SEEDS LTD.
For all your seed needs
 Canola / Chickpea / Canary Seed /
 Pea / Lentil
 AC Infinity Wheat

Toll Free 1-877-975-4474
 www.walkerseeds.ca
 ian@walkerseeds.ca




Whispering Pine Farms



SINTALUTA SEED CLEANING
 Pedigreed Seed Custom Cleaning



Spring Wheat - New AC Lillian - Sawfly resistant, CDC Teal, AC Barrie, AC Elsa, HRSW Snowbird
Durum Wheat - New AC Strongfield, AC Avonlea
Peas - Nitouche, Eclipse, Tamora, Polstead, Camry, Tudor
Canola - Most varieties available including RR
Lentil - Milestone, Robin
Flax - Bethune
Oats



Phone 306-727-2222, Box 171, Sinteluta, Sask. S0G 4N0 Cell 306-695-7770

Willner Agri Ltd.
 Pedigreed Seed




- Wheat
- Durum
- Rye
- Oats
- Beans
- Lentils
- Peas
- Flax



Lorne E. Willner - Davidson, SK
 306-567-4613


SeCan Yauck Seed Farm



Wheat: AC Infinity, AC Lillian, Snowbird, Superb, Strongfield Durum
Barley: AC Metcalfe, Tradition
Flax: CDC Sorrel, Taurus, CDC Bethune,
Canola: Fortune, Farmpure, Canterra Varieties
Peas: CDC Golden, Eclipse
Lentils: CDC Imperial, CDC Sedley, CDC Lemay, CDC Rouleau



Phone Kevin at 306-484-4555 Home
 Ph: 306-484-4643 Fax: 306-484-2189



PEDIGREED SEED
CEREAL, FORAGE, OILSEEDS.
 Turn seeds to profit. Grow your seed business or find the seed you need. Right here in the Western Producer Classifieds! Call today toll free 1-800-667-7770





*Producer Classifieds
 Small Ads... Big Results!*

Herle, Raymond & Gregory R.	Wilkie	306-843-2934	R
Hetland, Bill	Naicam	306-874-5694	R C
Hyndman, Neil S.	Balcarres	306-334-2914	R
Illingworth, D.W. & H.V. & T. D.	North Battleford	306-445-5630	S R
Johnson, Oscar Stuart	Margo	306-324-4315	R C
Kaeding, Roger W. & Warren	Churchbridge	306-896-2236	F R C
Kemper, Russell & Donna	Fulda	306-682-4929	R C
Labrecque, Roger & Claude	Saskatoon	306-373-9379	F R
Lung Seeds Ltd.	Lake Lenore	306-368-2414	R
Lung, Ivan & Schemenauer, S. & B.	Lake Lenore	306-368-2414	R
Mayerle, Erwin D.	Tisdale	306-873-4261	R C
Mayerle, Kris	Tisdale	306-873-4261	C
Mayerle, Ted. J.	Tisdale	306-873-4358	R
Medernach, Louis J. & Kim L.	Cudworth	306-693-3398	R C
Novak, Orrin	Kuroki	306-338-2021	R C
Pfeifer, Robert G.	Lemberg	306-335-2532	R
Reisner, Cecil & Barry	Limerick	306-263-2139	S C
Simpson, Trevor W.	Moose Jaw	306-693-2132	F R
Slind, Donald Edward	Archerwill	306-323-4927	R
South, Winston & Richard & Bradley	Melfort	306-752-9840	F R C
Tomtene, Terry, Steven & Slind, Daniel	Birch Hills	306-749-3230	R
Trowell, Leslie	Saltcoats	306-744-2684	R
Veikle, Lorne A. & Carl E. & G. & J.	Cut Knife	306-398-4714	F R C
Walker, Vincent C.	Melfort	306-863-4110	R C
Yauck, Kevin Rodney	Govan	306-484-4555	S F R
JOURNEY			
Agricore United	Saskatoon	800-565-7333	R C
Saskatchewan Wheat Pool	Regina	306-569-4082	S F C
KANATA			
Kaeding, Roger W. & Warren	Churchbridge	306-896-2236	C
Trowell, Leslie	Saltcoats	306-744-2684	C
Wilfing, Raymond John & Ryan John	Meadow Lake	306-236-6811	C
KANE			
Heavin, G. Harvey & G. Ryan	Melfort	306-752-4171	F
Secan Association	Kanata, Ont.	613-592-8600	S
KATEPWA			
Tanner, David A. & Hazel	Regina	306-757-7012	R
LILLIAN			
Altwasser, Rodney & Allen R. & Dean	Yellow Grass	306-465-2727	R C
Ambros, Judeen	Kerrobot	306-834-5185	R
Annand, Glenn	Mossbank	306-354-7675	S R
Ardell, Terrence Wade, Michael, Brad & Joanne	Vanscoy	306-668-4415	S R C
Bailey, Roy G.	Milden	306-935-4702	R
Bergstrom, Randy M.	Birsay	306-573-4625	R
Berscheid, K.N. & B. & E.K. & S. & C. & Y.	Lake Lenore	306-368-2602	R
Bews, W. Kenneth & Brent W.	Eatonia	306-967-2440	S F R
Biese, Jerry	Swift Current	306-773-7027	R
Blenkin, Leonard G. & Larry K.	Sinteluta	306-727-2222	C
Boldt, Garry	Osler	306-239-2071	R
Bolt, Dale & Scott & Tod	Wynyard	306-554-2076	R
Busse, Glen A.	Simpson	306-836-4502	R
Buziak, Carl	Mayfair	306-445-9862	C
Buziak, Ronald Charles	Mayfair	306-445-6556	C
Carefoot, Floyd Martin	Swift Current	306-773-6963	C
Chapple, Floyd & Debbie	Grandora	306-329-4697	R
Clark, Shaun & Gilchrist, Armand & Gibbings, Neil	Rosetown	306-882-2058	R
Denis, Michel P. & Marc	St. Denis	306-258-2075	R
Dutton, David H. & George	Paynton	306-895-4306	C
Edwards, Lawrence R., Donna, Jeff & Mike	Nokomis	306-528-2140	R
Fast, Walter J. & Linda	Kindersley	306-463-3626	F R

Floberg, Barry & Delana & Devin & Brandon	Shaunavon	306-297-2087	R
Forster, Glenn M. & Patrick & Marthe	Lake Lenore	306-682-3485	R
Fraser, Robin & Jason	Pambrun	306-582-2148	R
Fraser, Scott & Shawn	Pambrun	306-582-2148	R
Fritzler, Baine A., Brenda D. & Adam A.	Govan	306-484-4612	R
Girodat, Gerald	Shaunavon	306-297-2913	F R
Greenshields, Grant & Jim & Callie	Semans	306-524-2155	R
Hanmer, Ronald F., Kent, Brad & Dallas	Govan	306-484-4327	R
Hansen, James S.	Yellow Grass	306-465-2525	R
Heggie, Kyle Robert	Leross	306-675-4920	R
Hetland, Bill	Naicam	306-874-5694	C
Hicks, Thomas R. & Kim R. & Kelvin Meadows	Moose Jaw	306-692-1616	R
Hofer, Ed & Lorne	Wilkie	306-843-2797	C
Hyndman, Neil S.	Balcarres	306-334-2914	R
Kaeding, Roger W. & Warren	Churchbridge	306-896-2236	R
Klym, Roy & Vern	Regina	306-543-5052	C
Labrecque, Roger & Claude	Saskatoon	306-373-9379	R
Leduc, Gerald R.	Assiniboia	306-642-3076	R C
Lepp, Milton & Elden & Neufeld, M.	Hepburn	306-254-4243	R
Lueke, Dennis	Humboldt	306-682-5170	R
Lung Seeds Ltd.	Lake Lenore	306-368-2414	R
Lung, Ivan & Schemenauer, S. & B.	Lake Lenore	306-368-2414	R
Lutzer, Albert & Latrace, Jim	Lumsden	306-731-2843	R C
McCutcheon, Orville & David	Outlook	306-867-9644	R C
Meili, James Patrick	Moose Jaw	306-692-5767	C
Meyer, Ward	Lake Lenore	306-368-2635	R
Murray, Scott & Ross	Young	306-259-4944	R
Nakonechny, Peter, Don P., Joyce, Coral & Lance	Ruthilda	306-932-4409	S F
Palchinski, Michael	Saskatoon	306-654-2050	R
Palmier, Maurice	Lafleche	306-472-5917	R
Pratchler, John & L. & M. & A.	Muenster	306-682-3317	S R
Redman, Wayne G. & Collins M.	Margo	306-324-4235	R
Reisner, Cecil & Barry	Limerick	306-263-2139	S F R
Ries, George & Larry	Humboldt	306-682-5151	R
Rugg, Barry C. & Robert B.	Elstow	306-257-3638	F R
Sanderson, Everett D. & Wanda	Rosetown	306-882-3371	F R
Schmeling, Donald H.	Riceton	306-738-2064	R
Shewchuk, Stan & Lorne & Terry	Krydor	306-497-2800	S C
Shoemaker, Norman	Mossbank	306-354-2570	R
Siemens, Carl	Rush Lake	306-784-2811	R
Silversides, Roy P. & Ruby N.	Corning	306-457-2639	S F R
Simcoe Agservices Inc.	Swift Current	306-773-0803	C
Simonson, K. Mark & Andrew	Kerrobot	306-834-5093	C
Smith, Wayne D.	Limerick	306-263-2144	R C
Sopatky, Jeffery & Patti	Saskatoon	306-955-2516	C
South, Winston & Richard & Bradley	Melfort	306-752-9840	C
Sperle, Val A. & Bentley D. & Jody	Unity	306-228-3160	S R C
Stauber, Clayton & Lori	Stewart Valley	306-773-7907	R C
Stokke, Terry J. & Shane T.	Watrous	306-946-2566	R
Stoll, Douglas John, Joan & Lyndon	Delisle	306-493-2534	F R C
Straub, Lorne A.	Pense	306-345-2390	S F
Veikle, Lorne A. & Carl E. & G. & J.	Cut Knife	306-398-4714	F
Watson, Wayne Donald & Calvin & Mark	Avonlea	306-868-2171	S R
Wiens, Rudy G.	Herschel	306-377-4800	S R
Winterhalt, Tim	Unity	306-228-3170	C
Woroschuk, Andrew	Calder	306-742-4682	R
Wylie, Leslie Dale	Biggar	306-948-5394	R
Yauck, Kevin Rodney	Govan	306-484-4555	R

A J SEEDS LTD.

ESTERHAZY
Arnold/Farm – 745-6210
Alan – 745-3415

**Come in and discuss Your Needs and
Crop Rotations With Us**

GROWING FROM SERVICE

DIMO'S TOOL & DIE / LABTRONICS®



MODEL 919™ MOISTURE TESTER
Shown with digital scale. • Attempts by another company to alter our analog display to digital WILL NOT improve accuracy of our Model 919™ and are NOT recommended.

CANOLA EQUIP 100, 200 and 500 count rulers, plastic and steel rollers.

SIEVES Canola, Flax and Cereal sieve sets. Full range of sizes, injection molded frame. Fits into existing metal sieves.

— Our Service Department provides same day service for recalibrations —
www.labtronics.ca

12 Bangor Ave., Winnipeg, MB R3E 3G4 — PH: 204-772-6998 FAX: 204-772-8938

GARRATT INDUSTRIES LTD.
Milestone, Saskatchewan, Canada
PH: 306-436-2178 Fax: 306-436-4647
www.garrattindustries.com

SEED CLEANING / PROCESSING EQUIPMENT
GRAVITY TABLES, AIR SCREEN MACHINES, DESTONERS, VIBRATORY FEEDERS

- ◆ Designed & Manufactured in Western Canada by Seedsmen.
- ◆ European Styling, Quality & Performance.
- ◆ North American Components & Pricing.
- ◆ Most Efficient Grain Processing Available.
- ◆ Our Gravity Tables have the Lowest HP Requirement with Large Separation Area.
- ◆ Complete Counter Balance for Mobiles and Upper Floor Installations.

**Check out our website at www.garrattindustries.com
Phone (306) 436-2178 Fax: (306) 436-4647**



Not Only does Garratt Industries build equipment for seed processing, they use it – Giving you hands on knowledge and expertise.





CELEBRATING 50 YEARS OF EXCELLENT SERVICE & SUPERIOR SEED

As your complete forage specialist we provide:

- ~ Alfalfas ~ Clovers
- ~ Grasses ~ Native Grasses
- ~ Hay & Pasture Mixtures
- ~ Custom Blends


HANNAS SEEDS

5039 - 49 St Lacombe, AB

1-800-661-1529

www.hannas-seeds.com

Book now for early order discounts!





PALMIER

SEED FARMS


Pedigreed Seed Growers

Box 249 Lafleche, Sask. S0H 2K0

DURUM: Strongfield AD; Kyle AD; AC Avonlea AD.
WHEAT: Snowbird HWW; Superb; AC Elsa; Lillian, CDC GO.
FLAX: Vimy; Sorrell. **LENTILS:** CDC Plato. **PEAS:** Eclipse.
CHICKPEAS: Amit (B90). **OATS:** Pinnacle. **BARLEY:** Trey.

PHONE: 306•472•3722 FAX: 306•472•3799






REISNER SEED FARM

GROWERS & PROCESSORS OF PEDIGREED SEEDS

Box 2, Limerick, Saskatchewan S0H 2P0 breisner@sasktel.net
 Ph: (306) 263-2139 Fax: (306) 263-2091

Certified & higher Pedigrees in stock of these Superior Varieties:

DURUM - AC® Strongfield	PEAS - Eclipse, DS Admiral, SW Midas, CDC Bronco, CDC Golden
WHEAT - Superb, AC Barrie, AC Elsa, Snowbird, CDC Go, AC® Lillian	LENTIL - CDC Plato, CDC Sedley, CDC Impact, CDC Rouleau, CDC Viceroy, CDC Meteor
BARLEY - AC Metcalfe, CDC Copeland	CANARY SEED - CDC Togo
FLAX - CDC Bethune	CHICKPEA - CDC Frontier

The Foundation of Every Good Crop

..... **CERTIFIED SEED**



SOPATYK

SEED FARMS

Select Seed Growers, Processing & Marketing

JEFF SOPATYK

CDC Impact	CDC Golden	Samson Marrowfat
CDC Imperial	CDC Bronco	CDC Viceroy
CDC Blaze	CDC Sage	Legacy Barley
CDC Rouleau	Sergent Pea	Lecey Barley
CDC Redberry	Admiral	AC Andrew Wheat
B-90 Chick Pea		Lilium Wheat



Phone Jeff @ 227-7867 

• Canola • Wheat • Barley • Peas • Lentils • Chickpeas •

Prairie Crop Protection Planner

Software for weed, insect, and disease control for the Canadian prairies.


Based on your unique crop, crop stage, pest, pest stage, sprayer capacity, field size, and local chemical pricing, the Planner can help you

- select crop protection products
- calculate application rates and costs
- identify weeds, insects, and diseases
- identify herbicide injury symptoms
- keep pesticide application records

Only \$89 plus tax



For more information, please visit
www.extension.usask.ca/go/pcpp
 E-mail prairie.planner@usask.ca
 Phone (306) 966-5592



EXTENSION DIVISION
 Agriculture, Food, and Horticulture

LOVITT				
Booy, Jerry N. & Murray T. & Darcy K.	Glaslyn	306-342-2058		C
Hyndman, Glen	Balcarres	306-334-2914		C
Pfeifer, Robert G.	Lemberg	306-335-2532		C
McKENZIE				
Agricore United	Saskatoon	800-565-7333	F R	C
Saskatchewan Wheat Pool	Regina	306-569-4082	S F R	C
Sperle, Val A. & Bentley D. & Jody	Unity	306-228-3160		R
NEEPAWA				
Robinson, Oren A. & Marlene	Landis	306-658-4755		C
PRODIGY				
Bryant, Lee & Phyl & Vern & Carol	Battleford	306-937-3565	F	C
Saskatchewan Wheat Pool	Regina	306-569-4082	S	R C
Winterhalt, Tim	Unity	306-228-3170		C
ROBLIN				
Maxwell, David S.	Nipawin	306-862-9622	S	
SNOWBIRD				
Altwasser, Rodney & Allen R. & Dean	Yellow Grass	306-465-2727		C
Amos, K. Wayne	Oxbow	306-483-2963		C
Annand, Glenn	Mossbank	306-354-7675		C
Ardell, Terrence Wade, Michael, Brad & Joanne	Vanscoy	306-668-4415		C
Bailey, Roy G.	Milden	306-935-4702		C
Berscheid, K.N. & B. & E.K. & S. & C. & Y.	Lake Lenore	306-368-2602		R
Buziak, Ronald Charles	Mayfair	306-445-6556		C
Charabin, Dale Kenneth & Timothy V.	North Battleford	306-445-2939		R C
Clark, Shaun & Gilchrist, Armand & Gibbings, Neil	Rosetown	306-882-2058		C
Craswell, Raymond W.	Strasbourg	306-725-3236		C
Dangstorp, Emil & Brian	Redvers	306-452-3444		C
Dell, Dennis & Bonnie A.	Dafoe	306-554-3117		C
Fraser, Edward H. & Glen & Dale	Yarbo	306-745-3830		R
Geall, Brian R.	Nipawin	306-862-9177		C
Girodat, Gerald	Shaunavon	306-297-2913		C
Hardy, Allan W. & Dale & Evan	Grenfell	306-697-3128		R
Heggie, Robert Thomas	Leross	306-675-4920		C
Hetland, Bill	Naicam	306-874-5694	F R	C
Hicks, Thomas R. & Kim R. & Kelvin Meadows	Moose Jaw	306-692-1616		C
Kaeding, Roger W. & Warren	Churchbridge	306-896-2236		C
Laxdal, G.M.; Blyth, D., Gregory, Wayne & Richard & Bolt, Glen A.	Wynyard	306-554-2078	F R	
Mannie, Kenneth & Laurie	Moosomin	306-435-3411		C
Maze, Gary K.	Unity	306-398-2637		C
McCarthy, Richard J. & Brent	Corning	306-224-4848		C
Needham, Reginald R.	Oxbow	306-483-5052		C
Olson, Lyndon Ordon	Archerwill	306-323-4912		C
Pratchler, John & L. & M. & A.	Muenster	306-682-3317		C
Reisner, Cecil & Barry	Limerick	306-263-2139		C
Simpson, John W.	Moose Jaw	306-693-2132		C
Smith, Ron T.W. & Barb A.	Limerick	306-263-4944		C
Smith, Wayne D.	Limerick	306-263-2144		C
Tomtene, Terry, Steven & Slind, Daniel	Birch Hills	306-749-3230		C
Wakefield, Monica & Laurie Garland	Maidstone	306-893-2984		C
Wartman, Murray E.	Aylsham	306-862-5000		C
Yauck, Kevin Rodney	Govan	306-484-4555		C
SNOWHITE 475				
Bailey, Roy G.	Milden	306-935-4702		R
Kaeding, Roger W. & Warren	Churchbridge	306-896-2236	F R	
Woods, Dale Arthur & June	Rocanville	306-645-4423	F	
SNOWHITE 476				
Bailey, Roy G.	Milden	306-935-4702		R

SOMERSET

Buziak, Ronald Charles	Mayfair	306-445-6556		C
Fedoruk, Rod M. & Cathy	Kamsack	306-542-4235	F	C
Geall, Brian R.	Nipawin	306-862-9177		C
Holland, Ernest W.	Rocanville	306-645-4223		C
Ostafie, Dave & Robert	Canora	306-563-6244		C
Pratchler, John & L. & M. & A.	Muenster	306-682-3317	S	C
Schumacher, Mark	Delisle	306-493-2937	R	C

SUPERB

Altwasser, Rodney & Allen R. & Dean	Yellow Grass	306-465-2727		C
Amos, K. Wayne	Oxbow	306-483-2963		C
Berscheid, K.N. & B. & E.K. & S. & C. & Y.	Lake Lenore	306-368-2602		C
Boldt, Garry	Osler	306-239-2071		C
Boit, Dale & Scott & Tod	Wynyard	306-554-2076		C
Boyd, Clare W. & Dale A.	Melfort	306-752-2108		C
Boyd, Raymond W.	Melfort	306-752-3655	R	C
Brockman, Ed. J.	Middle Lake	306-367-2413	S	C
Carlson, Herbert E.P. & Leslie	Buchanan	306-592-4449	R	C
Dangstorp, Emil & Brian	Redvers	306-452-3444	R	C
Denis, Jean-Pierre & Rita	Domremy	306-423-6283		C
Edmunds, Greg & Glen	Tisdale	306-873-5480		C
Fedoruk, Rod M. & Cathy	Kamsack	306-542-4235	F	C
Forster, Glenn M. & Patrick & Marthe	Lake Lenore	306-682-3485	R	C
Fritzler, Baine A., Brenda D. & Adam A.	Govan	306-484-4612		C
Gerry, Greg	Creelman	306-457-2220		C
Goranson, Brian C.	Weyburn	306-842-6704		C
Heavin, G. Harvey & G. Ryan	Melfort	306-752-4171	S	C
Heavin, Larry N. & L. Warren	Melfort	306-752-4020		C
Heavin, Milton Russell	Melfort	306-752-4071		C
Hetland, Bill	Naicam	306-874-5694		C
Holland, Ernest W.	Rocanville	306-645-4223	R	C
Hyndman, Glen	Balcarres	306-334-2914		C
Kennett, Brian Guy	Manor	306-448-4813	R	C
Larson, Merle H.R.	Outlook	306-867-8384		C
Laxdal, G.M.; Blyth, D., Gregory, Wayne & Richard & Bolt, Glen A.	Wynyard	306-554-2078	R	C
Leduc, Gerald R.	Assiniboia	306-642-3076		C
Luck, Lorne C. & Landis	Tisdale	306-873-4111		C
Lutzer, Albert & Latrace, Jim	Lumsden	306-731-2843		C
Malberg, Rod C.	Aylsham	306-862-5844		C
Ostapovitch, F.G. & Glen	Theodore	306-647-2205		C
Palmier, Maurice	Lafleche	306-472-5917		C
Pastl, Glenn A.	Watson	306-287-3959	S	C
Redman, Wayne G. & Collins M.	Margo	306-324-4235		C
Reisner, Cecil & Barry	Limerick	306-263-2139		C
Rempel, Blair Allan	Nipawin	306-862-3573		C
Rude, Stanley	Naicam	306-874-2359	S	C
Schultz, Bernie Edwin	Chociceland	306-428-2847		C
Shewchuk, Stan & Lorne & Terry	Krydor	306-497-2800		C
South, Winston & Richard & Bradley	Melfort	306-752-9840		C
Thompson, Jan Harris	Naicam	306-874-5407		C
Trawin, Florence	Melfort	306-752-4060	S F	R
Trowell, Bert & Kenneth & Larry	Saltcoats	306-744-2687	S F	C
Wood, Leonard David	Wynyard	306-554-2932		C
Wylie, Leslie Dale	Biggar	306-948-5394	R	C
Yauck, Kevin Rodney	Govan	306-484-4555		C

WHEAT - WINTER**AC BELLATRIX**

Edwards, Lawrence R., Donna, Jeff & Mike	Nokomis	306-528-2140		C
--	---------	--------------	--	---

CDC BUTEO

Amos, K. Wayne	Oxbow	306-483-2963	S	R
Bailey, Roy G.	Milden	306-935-4702		C
Bailey, George & Roy G. & Ralph J. & C. & B.	Milden	306-935-4702		C

Crop Development Centre

College of Agriculture and Bioresources

Increasing the diversification of crops and their products for the farmers and agricultural industry of Saskatchewan



CDC varieties: Superior genetics for Saskatchewan farmers
<http://www.ag.usask.ca/departments/plsc/>

UNIVERSITY OF SASKATCHEWAN
100 Years
Eagles, Exultation, Expanse

VEIKLE SEEDS LTD.

PEDIGREED SEED GROWERS / SEED PROCESSORS

Box 548
Cut Knife, Saskatchewan S0M 0N0
phone: 306-398-4714
email: veikle.seeds@sasktel.net





Michel's Industries, Ltd.

P.O. Box 119 St. Gregor, SK., Canada S0K 3X0
Phone: (306) 366-2184

Hopper Augers: Available in two sizes: 8" and 10" Systems

- Ideal for filling air seeders in the spring and bin transfer augers in the fall
- Attaches directly to trailer chutes
- 5.9 cu. in. hydraulic motors with flow control valves are used to run the hopper auger systems
- Bottom cleanout can be used to unload at elevator
- Hopper auger heads do not protrude past the side of the trailer wall.
- Hydraulic motors can be powered by connecting to existing airseeder line or off trailer wet kit







Available for: John Deere STS Models with HUR 9660, 9760, 9860; New Holland Models CR940, CR960, CR970, CX880, CX860; Case IH 2388, 1688, 1680, AFX8010

- All components are easily removed in minutes
- Breakdown of tarp components fit inside of grain tank
- No wrenches required
- Lightweight




Leading the way in Side Rolling Tarp Systems

WESTERN GRAIN Trade Ltd.



North Battleford Ph: 306-445-4022
Saskatoon Ph: 306-657-3455
Located at Hamlin, 4 miles N of North Battleford

**GREEN PEAS: CDC Striker. YELLOW PEAS: CDC Golden.
RED LENTILS: CDC Redberry. WHEAT: AC Lillian. HULLESS BARLEY: MacGuire**

BRETT-YOUNG Seed Dealer SECAN MEMBERS

SPECIAL CROP BUYERS & EXPORTERS


Peas - Lentils - Canary Seed - Feed Grains - Mustard - Flax

HARDY SEEDS LTD. Grenfell, SK

Retailer and Pedigreed Seed Grower of Cereals, Oilseeds, Pulses and Forages

WHEAT Snowbird - CWHW CDC Rama - CWES CDC Teal - CWRS Harvest - CWRS AC Cadillac - CWRS AC Vista - CPS-White AC Elsa - CWRS	PEAS Tudor - Yellow Eclipse - Yellow FLAX CDC Arras CDC Mons OATS Pinnacle CDC Dancer	BARLEY AC Metcalfe (2) - Malt AC Ranger (6) - Forage Legacy (6) - Malt CDC Stratus (2) Malt
---	--	--

Retailer of FarmPure Seeds canola and forages- including top performing Liberty Link™, RoundUp Ready™, Clearfield™ and Conventional Canola Varieties



Phone: 697-3128 **SeCan** **FarmPure SEEDS**

HS HETLAND SEEDS LTD.



Located 7 miles East of Naicam on Hwy. #349

“YOUR COMPLETE SEED CONNECTION”

We carry all popular varieties of Canola, Wheat, Barley, Oats, Peas, Flaxseed, Alfalfa and Grasses.

We've been your independent seed company for over 40 years.



SeCan

See us for all your seed needs.

**Box 580 Naicam, Sask. Phone: 306-874-5694
S0K 2Z0 Fax: 306-874-5608**

Boyes, Douglas J.	Kelvington	306-327-4980		C
Carlson, Herbert E.P. & Leslie	Buchanan	306-592-4449		C
Dunnington, Douglas	Swift Current	306-773-9748	F	
Fedoruk, Rod M. & Cathy	Kamsack	306-542-4235	F	C
Gellner, Clayton S.	Southey	306-726-4323		C
Hanmer, Ronald F., Kent, Brad & Dallas	Govan	306-484-4327		C
Kaeding, Roger W. & Warren	Churchbridge	306-896-2236		C
Kennett, Brian Guy	Manor	306-448-4813		C
Kuchinka, Clayton	Macoun	306-634-9320		C
Leduc, Gerald R.	Assiniboia	306-642-3076	F R	C
Meili, James Patrick	Moose Jaw	306-692-5767		C
Nystuen, David G.	Spalding	306-872-2014		C
Redman, Wayne G. & Collins M.	Margo	306-324-4235		C
Rude, Stanley	Naicam	306-874-2359		C
Sopatyk, Jeffery & Patti	Saskatoon	306-955-2516	S	C

CDC OSPREY

Dowdeswell, Donald D.	Pennant	306-626-3388		C
-----------------------	---------	--------------	--	---

CDC RAPTOR

Elmy, Robert W. & Kevin & Christina	Saltcoats	306-744-2779	S F	C
Novak, Orrin	Kuroki	306-338-2021		R C
Rude, Stanley	Naicam	306-874-2359	F	C

McCLINTOCK

Kaeding, Roger W. & Warren	Churchbridge	306-896-2236		R
----------------------------	--------------	--------------	--	---

CANOLA

1818

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

1839 V

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

289CL

Monsanto Canada	Lethbridge	403-327-2411		C
-----------------	------------	--------------	--	---

32-75

Monsanto Canada	Lethbridge	403-327-2411		C
-----------------	------------	--------------	--	---

34-55

Monsanto Canada	Lethbridge	403-327-2411		C
-----------------	------------	--------------	--	---

34-65

Monsanto Canada	Lethbridge	403-327-2411		C
-----------------	------------	--------------	--	---

74P00 LL

FarmPure Seeds	Regina	306-791-0500		C
----------------	--------	--------------	--	---

811RR

Brett-Young Seeds Limited	St. Norbert	204-261-7932		C
---------------------------	-------------	--------------	--	---

9551

Agricore United	Saskatoon	800-565-7333	F	C
-----------------	-----------	--------------	---	---

AC SUNBEAM

Seidle, E. & B. & C. & M.	Medstead	306-342-4377		C
---------------------------	----------	--------------	--	---

ACS-C7

Seidle, E. & B. & C. & M.	Medstead	306-342-4377		C
---------------------------	----------	--------------	--	---

CAFE

Hofer, Ed & Lorne	Wilkie	306-843-2797		C
-------------------	--------	--------------	--	---

Secan Association	Kanata, Ont.	613-592-8600	S F	C
-------------------	--------------	--------------	-----	---

FORTUNE RR

Secan Association	Kanata, Ont.	613-592-8600		C
-------------------	--------------	--------------	--	---

Yauck, Kevin Rodney	Govan	306-484-4555		C
---------------------	-------	--------------	--	---

HUDSON

Froese, Terrance P.	Rabbit Lake	306-824-2121		C
---------------------	-------------	--------------	--	---

LBD612RR

Brett-Young Seeds Limited	St. Norbert	204-261-7932		C
---------------------------	-------------	--------------	--	---

MANOR

Froese, Terrance P.	Rabbit Lake	306-824-2121		C
---------------------	-------------	--------------	--	---

PRAIRIE 719RR

Brett-Young Seeds Limited	St. Norbert	204-261-7932		C
---------------------------	-------------	--------------	--	---

SP BANNER

Klemmer, Richard	Nipawin	306-862-3874	C
Saskatchewan Wheat Pool	Regina	306-569-4082	C

CANOLA - HIGH ERUCIC ACID**RED RIVER 1826**

Saskatchewan Wheat Pool	Regina	306-569-4082	C
-------------------------	--------	--------------	---

FLAX - OILSEED**2090**

Agricore United	Saskatoon	800-565-7333	C
-----------------	-----------	--------------	---

AC WATSON

Agricore United	Saskatoon	800-565-7333	R C
Saskatchewan Wheat Pool	Regina	306-569-4082	C

CDC ARRAS

Charabin, Dale Kenneth & Timothy V.	North Battleford	306-445-2939	F C
Craswell, Raymond W.	Strasbourg	306-725-3236	S F R
Edwards, Lawrence R., Donna, Jeff & Mike	Nokomis	306-528-2140	R
Fedoruk, Rod M. & Cathy	Kamsack	306-542-4235	F C
Hardy, Allan W. & Dale & Evan	Grenfell	306-697-3128	C
Marin, Darald	Radville	306-869-2262	C
Neville, Patrick & Cheryl	Govan	306-484-4560	C

CDC BETHUNE

Allan, Bradley K.	Corning	306-224-4908	C
Allan, J. Garth	Corning	306-457-2729	C
Allan, John R. & John Garth	Corning	306-457-2629	C
Altwasser, Rodney & Allen R. & Dean	Yellow Grass	306-465-2727	C
Amos, K. Wayne	Oxbow	306-483-2963	R C
Arnst, David Arthur	Jansen	306-364-4716	C
Berscheid, K.N. & B. & E.K. & S. & C. & Y.	Lake Lenore	306-368-2602	C
Beuker, Allan Daniel	Melfort	306-863-2225	R C
Blenkin, Leonard G. & Larry K.	Sintaluta	306-727-2222	R
Bolt, Dale & Scott & Tod	Wynyard	306-554-2076	C
Campbell, Donald P. & Ross C.	Allan	306-257-3307	C
Carefoot, Floyd Martin	Swift Current	306-773-6963	R
Dangstorp, Emil & Brian	Redvers	306-452-3444	R
Edmunds, Greg & Glen	Tisdale	306-873-5480	R
Fenton, Gerald A. & Robin Paul	Tisdale	306-873-5438	S F R
Floberg, Barry & Delana & Devin & Brandon	Shaunavon	306-297-2087	F
Forster, Glenn M. & Patrick & Marthe	Lake Lenore	306-682-3485	C
Fraser, Edward H. & Glen & Dale	Yarbo	306-745-3830	C
Fritzler, Baine A., Brenda D. & Adam A.	Govan	306-484-4612	F C
Greenshields, Grant & Jim & Callie	Semans	306-524-2155	C
Heggie, Robert Thomas	Leross	306-675-4920	C
Herdier, Don O.	Lemberg	306-335-2763	C
Hetland, Bill	Naicam	306-874-5694	S C
Hutchinson, Gerald & Bruce	Rocanville	306-645-4430	C
Hyndman, David	Balcarres	306-334-2914	C
Hyndman, Neil S.	Balcarres	306-334-2914	R
Johnson, Oscar Stuart	Margo	306-324-4315	C
Kaeding, Roger W. & Warren	Churchbridge	306-896-2236	C
Kennett, Brian Guy	Manor	306-448-4813	F C
Latrace, Bill	Caronport	306-693-2626	R C
Laxdal, G.M.; Blyth, D., Gregory, Wayne & Richard & Bolt, Glen A.	Wynyard	306-554-2078	C
Leduc, Gerald R.	Assiniboia	306-642-3076	C
Lung, Leonard & D. & B.	Lake Lenore	306-368-2414	F C
Lutzer, Albert & Latrace, Jim	Lumsden	306-731-2843	C
Mayerle, Bernhard C.	Tisdale	306-873-4267	C
McCarthy, Richard J. & Brent	Corning	306-224-4848	C
Murray, Scott & Ross	Young	306-259-4944	C
Needham, Reginald R.	Oxbow	306-483-5052	C

LES & WENDY TROWELL SEED FARM

SALTCOATS, SASK.

**Wheat**

Kanata
Infinity

Oats

CDC Dancer
Furlong

Peas

DS Admiral
Tudor
Eclipse
SW Midas

Barley

Newdale
CDC Copeland
CDC Trey
CDC Helgason
Yorkton
Tradition

Canola

Roundup Ready
Cantera - 1896,
1818, 1839V, 1841,
1852H, 1795S
FarmPure Seeds -
Gladiator, Reaper,
SW3950, 6802,
74P00LL, Hudson,
Manor CL,
Brett-Young -
H4362, H4414,
612

Corn

Roundup Ready
Pickseed 2365, 2230
Brett-Young 46T07,
48T20

**Grasses &
Forages**

FarmPure Seeds
Brett Young



* Deferred Credit Scotia Bank, Agline, M/C, Visa *

Flax

Taurus

Inoculants

Tag Team
N - Prove
Jumpstart

Box 476, Saltcoats, Saskatchewan

Phone: (306) 744-2684 Fax: (306) 744-2293

www.leswendytrowell.com

Email: lwtrowell@imagewireless.ca

GPS, flow monitors,
variable rates and depths ...



... and you never tested the seed?

No matter how precisely it's planted, you don't know what you're going to get if you don't know what you started with. Make sure the seed matches your other high-tech input management systems -- with accurate, reliable, efficient testing.



DISCOVERY

SEED LABS LTD.

450 Melville Street
Saskatoon SK S7J 4M2

Ph: (306) 249-4484

Fx: (306) 249-4434

email: info@seedtesting.com

Translating lab analysis into producer profits

it's just common sense



For top performing varieties that provide high returns per acre, it's not uncommon to see successful growers using . . .

CommonSense[®] CANOLA

- ▶ **Roundup Ready[®]**
 - SW HyMark 3950 (Hybrid)
 - SW Hymark 9803 (Hybrid)
 - SW GladiatoRR (Syn)
 - SW 6802 (Syn)
 - SW Razor (Syn)
 - Reaper (OP)
- ▶ **LibertyLink[®]**
 - 74P00 LL (OP)
 - BCS301L (Syn - pending registration)
- ▶ **Clearfield[®]**
 - Manor (OP)
- ▶ **Conventional**
 - SW Wizard (OP)
 - Hudson (OP)



*Roundup Ready is a trademark of Monsanto Technology LLC, Monsanto Canada Inc. licensee.
*LibertyLink is a trademark of Bayer

Please contact your local FarmPure Seeds Retailer or a FarmPure Seeds Territory Manager for more information.

Northern Saskatchewan
Mike Kirzinger
1-306-280-6115

Southern Saskatchewan
Virginia Labbie
1-866-522-9509

1-877-791-0500
www.farmpureseeds.com

Noble, Garry	Mossbank	306-354-2679	R
Olson, Lyndon Ordon	Archerwill	306-323-4912	C
Ostapovitch, F.G. & Glen	Theodore	306-647-2205	C
Palik, Jack	Kipling	306-736-2618	R
Phillips, S. Clare & William P.	Tisdale	306-873-5569	C
Ralph, Robert E.	Arborfield	306-769-4160	R
Reisner, Cecil & Barry	Limerick	306-263-2139	R
Sandercock, Eric M.	Balcarres	306-334-2958	C
Schmeling, Donald H.	Riceton	306-738-2064	C
Shewchuk, Stan & Lorne & Terry	Krydor	306-497-2800	C
Stirton, Elaine Catherine	Moose Jaw	306-693-2310	R
Stokke, Terry J. & Shane T.	Watrous	306-946-2566	R
Trawin, Alan Ross, Mitchell, Ashton, Jennifer & Jessica	Melfort	306-752-4060	S F R C
Trowell, Kenneth	Saltcoats	306-744-2687	F R
Woroschuk, Andrew	Calder	306-742-4682	C
Yauck, Kevin Rodney	Govan	306-484-4555	C
CDC MONS			
Dell, Dennis & Bonnie A.	Dafoe	306-554-3117	C
Hardy, Allan W. & Dale & Evan	Grenfell	306-697-3128	C
Hardy, Brian & Calvin	Grenfell	306-697-3127	R
CDC SORREL			
Allan, J. Garth	Corning	306-457-2729	R
Allan, John R. & John Garth	Corning	306-457-2629	F
Bailey, Roy G.	Milden	306-935-4702	R
Berscheid, K.N. & B. & E.K. & S. & C. & Y.	Lake Lenore	306-368-2602	R
Bolt, Dale & Scott & Tod	Wynyard	306-554-2076	R
Carlson, Herbert E.P. & Leslie	Buchanan	306-592-4449	R
Eyolfson, Robert H.	Leslie	306-272-4624	R
Fedoruk, Rod M. & Cathy	Kamsack	306-542-4235	R
Fenton, Gerald A. & Robin Paul	Tisdale	306-873-5438	S R
Fraser, Edward H. & Glen & Dale	Yarbo	306-745-3830	S R
Fritzler, Baine A., Brenda D. & Adam A.	Govan	306-484-4612	S R
Greenshields, Grant & Jim & Callie	Semans	306-524-2155	S R
Heggie, Kyle Robert	Leross	306-675-4920	R
Hleck, Leo	Codette	306-862-5966	R
Lang, Gordon J.	Rosetown	306-882-3481	R
Laxdal, G.M.; Blyth, D., Gregory, Wayne & Richard & Bolt, Glen A.	Wynyard	306-554-2078	S R
Leduc, Gerald R.	Assiniboia	306-642-3076	R
Ostafie, Dave & Robert	Canora	306-563-6244	R
Otsig, Kevin Bradley	Watson	306-287-4133	S
Palmier, Maurice	Lafleche	306-472-5917	R
Pastl, Glenn A.	Watson	306-287-3959	R
Radloff, Shelly Colleen	Melfort	306-752-4060	S R
Reisner, Cecil & Barry	Limerick	306-263-2139	S R
Rude, Stanley	Naicam	306-874-2359	R
Rugg, Barry C. & Robert B.	Elstow	306-257-3638	R
Saskatchewan Wheat Pool	Regina		S
Shewchuk, Stan & Lorne & Terry	Krydor	306-497-2800	S R
Woroschuk, Andrew	Calder	306-742-4682	R
Yauck, Kevin Rodney	Govan	306-484-4555	S R
CDC VALOUR			
Olson, Lyndon Ordon	Archerwill	306-323-4912	C
HANLEY			
Cresswell, Gordon B. & Bryan & Mark	Tisdale	306-873-5360	R
Ostafie, Dave & Robert	Canora	306-563-6244	F
MACBETH			
Agricore United	Saskatoon	800-565-7333	S F R
PRAIRIE BLUE			
Allan, Raymond N. & Ruth	Corning	306-224-4666	S F
Bailey, Roy G.	Milden	306-935-4702	R
Ostapovitch, F.G. & Glen	Theodore	306-647-2205	F
Shewchuk, Stan & Lorne & Terry	Krydor	306-497-2800	C
Willner, Lorne E.	Davidson	306-567-4613	F R

FLAX

TAURUS

Larsen, Lyle L.	Aylsham	306-862-7333	C
Phillips, S. Clare & William P.	Tisdale	306-873-5569	R
Trowell, Leslie	Saltcoats	306-744-2684	R
Van Burck, Hans & Marianne	Star City	306-863-4377	S C
Yauck, Kevin Rodney	Govan	306-484-4555	F R

VIMY

Ganshorn, Allan W.	Regina	306-757-8328	R
Rugg, Barry C. & Robert B.	Elstow	306-257-3638	F
Tanner, David A. & Hazel	Regina	306-757-7012	S C

HEMP - INDUSTRIAL

CRAG

Meier, Garry L.	Ridgedale	306-277-2110	C
-----------------	-----------	--------------	---

FINOLA

Campbell, Hugh	Qu'Appelle	306-699-7123	R
Hemp Oil Canada Inc	Ste. Agathe	204-882-2480	R C
Terramax Holdings Corp.	Qu'Appelle		C

MUSTARD - BROWN

CENTENNIAL BROWN

Agricore United	Saskatoon	800-565-7333	F
-----------------	-----------	--------------	---

DUCHESS

Agricore United	Saskatoon	800-565-7333	F C
-----------------	-----------	--------------	-----

MUSTARD - ORIENTAL

CUTLASS

Bailey, Roy G.	Milden	306-935-4702	C
----------------	--------	--------------	---

FORGE

Saskatchewan Wheat Pool	Regina		F C
-------------------------	--------	--	-----

MUSTARD - YELLOW

ANDANTE

Agricore United	Saskatoon	800-565-7333	F C
-----------------	-----------	--------------	-----

BEAN - FIELD

CDC PINTIUM

Amos, K. Wayne	Oxbow	306-483-2963	F C
----------------	-------	--------------	-----

PINTO

Amos, K. Wayne	Oxbow	306-483-2963	S
----------------	-------	--------------	---

SOYBEANS - OILSEED

APOLLO RR

Bell, Kit	Rocanville	306-645-4580	C
Pfeifer, Robert G.	Lemberg	306-335-2532	C

SOYBEANS - TOFU TYPE

GIESSEN

Campbell, Hugh	Qu'Appelle	306-699-7123	R
----------------	------------	--------------	---

FABABEAN

TABOAR

Campbell, Hugh	Qu'Appelle	306-699-7123	F
----------------	------------	--------------	---

PEAS - FIELD

AGASSIZ

Clark, Shaun & Gilchrist, Armand & Gibbings, Neil	Rosetown	306-882-2058	S
Greenshields, Grant & Jim & Callie	Semans	306-524-2155	S
Veikle, Lorne A. & Carl E. & G. & J.	Cut Knife	306-398-4714	S

BLUEBIRD

Gregoire, Denis	North Battleford	306-445-5516	C
-----------------	------------------	--------------	---

CAMRY

Blenkin, Leonard G. & Larry K.	Sintaluta	306-727-2222	R
--------------------------------	-----------	--------------	---

HMEP

MUSTARD

BEAN

SOYBEAN

FABABEAN

PEAS

**TREAT YOUR SEED RIGHT...
and Harvest the Rewards!**

Graham Seed Treating Systems
deliver high speed, high accuracy treating,
for **greater crop protection** and **higher yields**



Precalibrated treating systems available
for on-farm producers
and high volume custom applicators.



Toll free ph. - (866) 556-2846

Fax (403) 556-6604

email - gseed@telusplanet.net

R.R. 1, Box 9, Site 9, Olds, Alberta T4H 1P2

See our website at www.seedtreating.com for the
latest seed treating information

THE HARVEST ROTOR



360° Auger Front

- Smooth transition from the feeder house to the concaves

30° Straight Rub Bar Design

- Provides improved feeding and threshing

3 Sided Enclosed Rotor Bar Mounts

- Eliminates shimming of the rub bars

Dynamically

Balanced Rotor

The Harvest Rotor will provide a superior smooth feed with no vibration or rumble, giving the combine more capacity, a better thresh and less fuel consumption.

Improve Combine Performance

Rotary and Conventional Concaves



Harvest Concaves & Cover Plates increase thrash and provide a more uniform distribution of material across the entire width of the combine.

Harvest Feed Chain

Easier on your feeder house, requiring less power to drive so your drive components will last longer.



Harvest Air Foil Chaffer For All Combines

Unique design of air foil chaffer floats foreign material on vertical flow of air to provide almost 100% Seed recovery in all crops & all combines. We guarantee a noticeable difference in combine capacity, reduced shoe loss and cleaner samples.



Plastic Louvered Adjustable Sieves

40% lighter than steel, won't rust, easy to adjust. Rather than thin wires it has a plastic load bearing surface that is 4 times larger for durability. Louvers are repairable and replaceable. The plastic louvers are flexible. Rather than bend and twist they return to their original shape. Their smooth profile reduces buildup from sappy weeds and snow "icing".

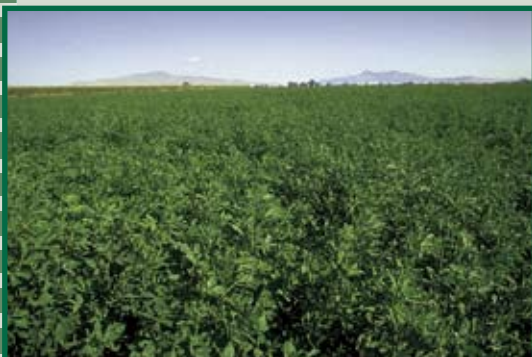


HARVEST SERVICES LTD.

Ph: (306) 734-2601 • Fax: (306) 734-2266

Craik, Saskatchewan

forage seed



FarmPure Seeds extensive selection of forage seed can cover all your needs with . . .

The Right Species.
The Right Advice.



Legumes

- ALFALFA • CLOVER
- CICER MILKVETCH



Grasses

- BROMEGRASS • FESCUE
- WHEATGRASS • TIMOTHY



Annuals

- MILLET • TRITICALE
- RYEGRASS



Turf

- LAWN & GROUND COVER MIXTURES

We also provide a custom blending service to meet your specific requirements.



Please contact your local FarmPure Seeds Retailer or a FarmPure Seeds Territory Manager for more information.

Northern Saskatchewan
Mike Kirzinger
1-306-280-6115

Southern Saskatchewan
Virginia Labbie
1-866-522-9509

1-866-791-4522

www.farmpureseeds.com

Calcutt, Clifford W.	Lemberg	306-335-2860		C
Craswell, Raymond W.	Strasbourg	306-725-3236		C
Hyndman, David	Balcarres	306-334-2914		R
Hyndman, Glen	Balcarres	306-334-2914		R
Ostafie, Dave & Robert	Canora	306-563-6244		R
Straub, Lorne A.	Pense	306-345-2390		R
Wartman, Murray E.	Aylsham	306-862-5000		C

CDC ACER

Ackerman, Patrick	Chamberlain	306-638-3177		R
Brown, Keith	Prince Albert	306-922-8053	S F	
Edwards, Lawrence R., Donna, Jeff & Mike	Nokomis	306-528-2140	S F	
McDougall, Ken & Craig	Moose Jaw	306-693-3649		R

CDC BRONCO

Allan, Raymond N. & Ruth	Corning	306-224-4666	S F R	
Ardell, Terrence Wade, Michael, Brad & Joanne	Vanscoy	306-668-4415		R
Baxter, Barry Arnold	Codette	306-862-5723	S F R	
Boldt, Garry	Osler	306-239-2071		R
Brown, Kyle	Prince Albert	306-922-0571	S F	
Cay, Randy D.	Kinistino	306-864-3696	S F	C
Clark, Shaun & Gilchrist, Armand & Gibbings, Neil	Rosetown	306-882-2058		F
Clearwater, Don W.	Nipawin	306-862-3025		F
Denis, Michel P. & Marc	St. Denis	306-258-2075		F R
Dutton, David H. & George	Paynton	306-895-4306		C
Fedoruk, Rod M. & Cathy	Kamsack	306-542-4235		F
Fenton, Gerald A. & Robin Paul	Tisdale	306-873-5438	S F R	
Forster, Glenn M. & Patrick & Marthe	Lake Lenore	306-682-3485		F
Fritzler, Baine A., Brenda D. & Adam A.	Govan	306-484-4612		F
Froese, Terrance P.	Rabbit Lake	306-824-2121		F
Ganshorn, Allan W.	Regina	306-757-8328		R
Geall, Brian R.	Nipawin	306-862-9177		F R
Greenshields, Grant & Jim & Callie	Semans	306-524-2155		R
Hetland, Bill	Naicam	306-874-5694	S F R	
Hyndman, Neil S.	Balcarres	306-334-2914		R
Illingworth, D.W. & H.V. & T. D.	North Battleford	306-445-5630		R
Kelly, Calvin	Regina	306-924-1988		C
Kemper, Russell & Donna	Fulda	306-682-4929		R
Kennett, Brian Guy	Manor	306-448-4813		F
Kistner, William Gordon	Lumsden	306-731-2901		C
Klym, Roy & Vern	Regina	306-543-5052		C
Luck, Lorne C. & Landis	Tisdale	306-873-4111		R
Lung, Ivan & Schemenauer, S. & B.	Lake Lenore	306-368-2414		R
Maxwell, David S.	Nipawin	306-862-9622	S F R	
Mayell, Harvey J. & Calvin J.	Congress	306-642-3120		F
Mayerle, Bernhard C.	Tisdale	306-873-4267		R
Olson, Lyndon Ordon	Archerwill	306-323-4912		R
Parson, Ken	Elrose	306-574-2044		C
Reisner, Cecil & Barry	Limerick	306-263-2139	S F R	
Seymour, G.P. Donne, Kyle & Kelly & R. Thistlethwaite	Stewart Valley	306-778-2344		F R
Sopatky, Jeffery & Patti	Saskatoon	306-955-2516		F
South, Winston & Richard & Bradley	Melfort	306-752-9840		F R
Straub, Lorne A.	Pense	306-345-2390		F
Tebbutt, Ronald E. & Gregg	Nipawin	306-862-9730		F R
Trowell, Leslie	Saltcoats	306-744-2684		R
Veikle, Lorne A. & Carl E. & G. & J.	Cut Knife	306-398-4714		R
Walker, Vincent C.	Melfort	306-863-4110		R
Warrington, John	Mervin	306-845-2642		F
Willner, Lorne E.	Davidson	306-567-4613		F R
Winterhalt, Tim	Unity	306-228-3170		R
Wood, Leonard David	Wynyard	306-554-2932		C
Young, Denise	Melfort	306-752-4060		F
Youzwa, Donald	Nipawin	306-862-5690	S F R	

CDC DUNDURN

Allan, J. Garth	Corning	306-457-2729		F
-----------------	---------	--------------	--	---

CDC GOLDEN

Allan, J. Garth	Corning	306-457-2729		C
Allan, John R. & John Garth	Corning	306-457-2629	S F R	C
Allan, John Richard	Corning	306-457-2729		C
Amos, K. Wayne	Oxbow	306-483-2963	S F R	
Annand, Glenn	Mossbank	306-354-7675	F R	
Ardell, Terrence Wade, Michael, Brad & Joanne	Vanscoy	306-668-4415		R C
Bailey, Roy G.	Milden	306-935-4702		C
Beck, Gregor	Rouleau	306-776-2432		R
Bergstrom, Randy M.	Birsay	306-573-4625		C
Berscheid, K.N. & B. & E.K. & S. & C. & Y.	Lake Lenore	306-368-2602		R
Bews, W. Kenneth & Brent W.	Eatonia	306-967-2440	F R	
Bolt, Dale & Scott & Tod	Wynyard	306-554-2076		C
Brown, Kyle	Prince Albert	306-922-0571		C
Carlson, Herbert E.P. & Leslie	Buchanan	306-592-4449		R
Clark, Shaun & Gilchrist, Armand & Gibbings, Neil	Rosetown	306-882-2058		R
Corbett, Dean & Trent	Macrorrie	306-243-2047		R
Dobson, J. H., Curtis & Alison	Rouleau	306-776-2500		C
Edmunds, Greg & Glen	Tisdale	306-873-5480		C
Edwards, Lawrence R., Donna, Jeff & Mike	Nokomis	306-528-2140	S	R
Egert, Curtis D.	Cando	306-937-2025		C
Fast, Walter J. & Linda	Kindersley	306-463-3626		R
Fritzler, Baine A., Brenda D. & Adam A.	Govan	306-484-4612		R C
Garratt, Lyle C. & K.C.	Milestone	306-436-2178		C
Geiger, Timothy	Leader	306-628-4335	F R	
Greenshields, Grant & Jim & Callie	Semans	306-524-2155		C
Hanmer, Ronald F., Kent, Brad & Dallas	Govan	306-484-4327		C
Hansen, James S.	Yellow Grass	306-465-2525		C
Heggie, Robert Thomas	Leross	306-675-4920	R	C
Herle, Raymond & Gregory R.	Wilkie	306-843-2934		C
Hilling, Dennis L.	Moose Jaw	306-693-2506		C
Hundebly, R. & D. & R. & A. & K. & L. & Wonnick, Adam	Elbow	306-854-4629		C
Illingworth, D.W. & H.V. & T.D.	North Battleford	306-445-5630		C
Jensen, Graham	Milden	306-935-4523		C
Kaeding, Roger W. & Warren	Churchbridge	306-896-2236	F	C
Kerber, Greg	Rosthern	306-232-4474		C
Labrecque, Roger & Claude	Saskatoon	306-373-9379		C
Laxdal, G.M.; Blyth, D., Gregory, Wayne & Richard & Bolt, Glen A.	Wynyard	306-554-2078	F R	
Leduc, Gerald R.	Assiniboia	306-642-3076	R	
Lindsay, Robert Stewart	Assiniboia	306-642-5369		C
Lung, Ivan & Schemenauer, S. & B.	Lake Lenore	306-368-2414		C
Lutzer, Albert & Latrace, Jim	Lumsden	306-731-2843		R
Marcil, Harvey G. & Brent Louis	Moose Jaw	306-694-2981		C
Mattus, Ronald	Chaplin	306-395-2652		C
Mayerle, Bernhard C.	Tisdale	306-873-4267		C
Mayerle, Erwin D.	Tisdale	306-873-4261	R C	
Mayerle, Kris	Tisdale	306-873-4261		C
Moen, Jim	Cabri	306-587-2214		R
Murray, Scott & Ross	Young	306-259-4944		R C
Phelps, Douglas, C.	Prince Albert	306-922-6016		C
Reisner, Cecil & Barry	Limerick	306-263-2139	S	R
Rennick, Joe R. & William J. & Bernadette & E.R.	Milestone	306-436-4353	S	R C
Sandercock, Eric M.	Barcarres	306-334-2958		C
Sanderson, Barbara J.	Rosetown	306-882-3317		R
Seymour, G.P. Donne, Kyle & Kelly & R. Thistlethwaite	Stewart Valley	306-778-2344		R
Siemens, Carl	Rush Lake	306-784-2811		R
Smith, Ron T.W. & Barb A.	Limerick	306-263-4944		R
Smith, Wayne D.	Limerick	306-263-2144		C
Sopatyk, Jeffery & Patti	Saskatoon	306-955-2516	S F R	
South, Winston & Richard & Bradley	Melfort	306-752-9840		C
Stauber, Clayton & Lori	Stewart Valley	306-773-7907		C



New Alfalfa Blend 10-4

Premium Quality Alfalfa Blend

- Suitable to both hay and pasture
- Adaptable to various soil conditions
- Varieties are amongst the industries highest yielding
- Combines the strengths of each individual variety
- Excellent winter hardiness



Did you know?

Due to varying conditions in most fields, Alfalfa Blend 10-4 should outperform a single variety

Toll Free - 1-800-430-5955
Fax - 1-204-476-3773



Northstar Seed Ltd

www.northstarseed.com

ATTENTION FARMERS:

Make seeding a success;
get your seed tested at



"professional, precise, preferred"



Our friendly accredited analysts provide the industry with reliable accurate results and are always available to discuss any seed quality issues.

1105 Railway Avenue
Weyburn SK S4H 3H5
Phone: 306-842-PDSL (7375)
Website: www.pdsl.ca
Email: psdl@sasktel.net



PH (306) 323-4402
FAX (306) 323-4403
 Box 147, Archerwill, SK S0E 0B0

Wheat: AC Elsa, CDC Teal, AC Intrepid, Infinity, CDC Osler, AC Snowbird, AC Splendor

Barley: AC Metcalfe, CDC Copeland, Legacy, Tradition, Excel

Oats: Ronald, CDC Dancer, AC Morgan, CDC Boyer, Lu

Peas: CDC Bronco, CDC Striker, Stratus

Flax: CDC Bethune & CDC Valour

Canola: SeCan, Invigor, Canterra & FarmPure seed varieties

Togo Canary Seed, Grasses, Corn & Legumes also available



Quality & Service - Don & Lorne
slindseeds@sasktel.net

Straub, Lorne A.	Pense	306-345-2390		C
Thompson, Jan Harris	Naicam	306-874-5407		C
Tomtene, Terry, Steven & Slind, Daniel	Birch Hills	306-749-3230	S	C
Travland, Glenn & Marie	Coronach	306-267-4916		R
Travland, Norman & Lureen & Kevin	Coronach	306-267-4923	S	F R
Trawin, Debra Ann	Melfort	306-752-4060	S	F C
Veikle, Lorne A. & Carl E. & G. & J.	Cut Knife	306-398-4714		C
Winterhalt, Tim	Unity	306-228-3170		C
Woods, Dale Arthur & June	Rocanville	306-645-4423		R
Yauck, Arthur	Cymric	306-484-4643		C
Yauck, Kevin Rodney	Govan	306-484-4555		C

CDC HANDEL

Henne, Albert Clarence	Kelfield	306-932-4806		C
------------------------	----------	--------------	--	---

CDC MEADOW

Ardell, Terrence Wade, Michael, Brad & Joanne	Vanscoy	306-668-4415	S	
Bailey, Roy G.	Milden	306-935-4702	S	
Berscheid, K.N. & B. & E.K. & S. & C. & Y.	Lake Lenore	306-368-2602	S	
Bews, W. Kenneth & Brent W.	Eatonia	306-967-2440	S	
Bruce, Vic R.	Tuxford	306-693-2044	S	
Clark, Shaun & Gilchrist, Armand & Gibbings, Neil	Rosetown	306-882-2058	S	
Cresswell, Gordon B. & Bryan & Mark	Tisdale	306-873-5360	S	
Denis, Michel P. & Marc	St. Denis	306-258-2075	S	
Dutton, David H. & George	Paynton	306-895-4306	S	
Fast, Walter J. & Linda	Kindersley	306-463-3626	S	
Fenton, Gerald A. & Robin Paul	Tisdale	306-873-5438	S	
Ganshorn, Allan W.	Regina	306-757-8328	S	
Geall, Brian R.	Nipawin	306-862-9177	S	
Girodat, Gerald	Shaunavon	306-297-2913	S	
Greenshields, Grant & Jim & Callie	Semans	306-524-2155	S	
Heavin, Larry N. & L. Warren	Melfort	306-752-4020	S	
Heavin, Milton Russell	Melfort	306-752-4071	S	
Herle, Raymond & Gregory R.	Wilkie	306-843-2934	S	
Hetland, Bill	Naicam	306-874-5694	S	
Hundeby, R. & D. & R. & A. & K. & L. & Wonnick, Adam	Elbow	306-854-4629	S	
Kaeding, Roger W. & Warren	Churchbridge	306-896-2236	S	
Klemmer, Richard	Nipawin	306-862-3874	S	
Laxdal, G.M.; Blyth, D., Gregory, Wayne & Richard & Bolt, Glen A.	Wynyard	306-554-2078	S	
Littman, Larry W. & Allan B. & L.R.	Saltcoats	306-783-6518	S	
Lung Seeds Ltd.	Lake Lenore	306-368-2414	S	
Lung, Ivan & Schemenauer, S. & B.	Lake Lenore	306-368-2414	S	
Marcil, Harvey G. & Brent Louis	Moose Jaw	306-694-2981	S	
Mayerle, Erwin D.	Tisdale	306-873-4261	S	
Mayerle, Garry D.	Tisdale	306-873-5993	S	
Mayerle, Ted. J.	Tisdale	306-873-4358	S	
Reisner, Cecil & Barry	Limerick	306-263-2139	S	
Rude, Stanley	Naicam	306-874-2359	S	
Sanderson, Barbara J.	Rosetown	306-882-3317	S	
Seymour, G.P, Donne, Kyle & Kelly & R. Thistlethwaite	Stewart Valley	306-778-2344	F	
Simpson, Thomas H.	Moose Jaw	306-693-2132	F	
Sopatyk, Jeffery & Patti	Saskatoon	306-955-2516	S	F
South, Winston & Richard & Bradley	Melfort	306-752-9840	S	
Straub, Lorne A.	Pense	306-345-2390	S	
Tebbutt, Ronald E. & Gregg	Nipawin	306-862-9730	S	
Trawin, Alan Ross, Mitchell, Ashton, Jennifer & Jessica	Melfort	306-752-4060	S	
Trawin, Brent John	Melfort	306-752-4060	S	
Veikle, Lorne A. & Carl E. & G. & J.	Cut Knife	306-398-4714	S	
Wakefield, Monica & Laurie Garland	Maidstone	306-893-2984	S	

**Tested Here,
To Grow Here.**

Pool Seed Testing Services



Our state-of-the-art lab in Saskatoon offers a wide range of seed testing services to give you peace of mind when planting your crop. Enjoy the benefits of:

✓ **Professional Service**

Our tests are conducted by qualified analysts, specifically trained to identify the quality of your seed.



✓ **Quality Control**

Our tests are strictly controlled by CSI and CFIA standards. Our lab is registered to ISO 9001:2000 standards, ensuring accurate and timely results for our customers.



✓ **Convenience**

Simply drop off your sample at any Pool or AgPro facility, and we'll take care of the rest.

Saskatoon Seed Lab
 Innovation Place
 (306) 933-0541



A Solutions Company
**UNLOCKING
 Potential**

2007 SaskSeed Guide

Walker, Vincent C.	Melfort	306-863-4110	S		Veikle, Lorne A. & Carl E. & G. & J.	Cut Knife	306-398-4714	F
Watson, Wayne Donald & Calvin & Mark	Avonlea	306-868-2171	S		Watson, Wayne Donald & Calvin & Mark	Avonlea	306-868-2171	F
Youzwa, Donald	Nipawin	306-862-5690	S					
CDC MINUET					CDC SONATA			
McDougall, Ken & Craig	Moose Jaw	306-693-3649		C	Amos, K. Wayne	Oxbow	306-483-2963	S F C
CDC MONTERO					Ries, George & Larry	Humboldt	306-682-5151	C
Heavin, G. Harvey & G. Ryan	Melfort	306-752-4171	S	F R	CDC STRIKER			
Lutzer, Albert & Latrace, Jim	Lumsden	306-731-2843		R	Berscheid, K.N. & B. & E.K. & S. & C. & Y.	Lake Lenore	306-368-2602	C
Neville, Patrick & Cheryl	Govan	306-484-4560		C	Carlson, Herbert E.P. & Leslie	Buchanan	306-592-4449	C
Sperle, Val A. & Bentley D. & Jody	Unity	306-228-3160		F	Dutton, David H. & George	Paynton	306-895-4306	R
CDC MOZART					Forer, Tim & Denise	Avonlea	306-868-4433	C
Chapple, Floyd & Debbie	Grandora	306-329-4697		C	Fraser, Edward H. & Glen & Dale	Yarbo	306-745-3830	C
Floberg, Barry & Delana & Devin & Brandon	Shaunavon	306-297-2087		C	Gregoire, Denis	North Battleford	306-445-5516	C
Heavin, Milton Russell	Melfort	306-752-4071		F R	Illingworth, D.W. & H.V. & T. D.	North Battleford	306-445-5630	R
Klym, Roy & Vern	Regina	306-543-5052		C	Kelly, Calvin	Regina	306-924-1988	C
Phelps, Douglas, C.	Prince Albert	306-922-6016		S	Lung, Leonard & D. & B.	Lake Lenore	306-368-2414	S F
CDC ROCKET					Medernach, Louis J. & Kim L.	Cudworth	306-256-3398	C
Bailey, Roy G.	Milden	306-935-4702		S	Pederson, Lorne Robert	Archerwill	306-323-4240	R C
Herle, Raymond & Gregory R.	Wilkie	306-843-2934		S	Rude, Stanley	Naicam	306-874-2359	C
CDC SAGE					Seidle, E. & B. & C. & M.	Medstead	306-342-4377	R
Allan, John R. & John Garth	Corning	306-457-2629	S	F	Woods, Dale Arthur & June	Rocanville	306-645-4423	C
Allan, Raymond N. & Ruth	Corning	306-224-4666	S	F	CDC TUCKER			
Altwasser, Rodney & Allen R. & Dean	Yellow Grass	306-465-2727		F	Annand, Glenn	Mossbank	306-354-7675	S
Amos, K. Wayne	Oxbow	306-483-2963		S	Bailey, Roy G.	Milden	306-935-4702	S
Anderson, Trevor Ward	Frontier	306-296-2104		F	Boldt, Garry	Osler	306-239-2071	S
Annand, Glenn	Mossbank	306-354-7675		F	Dutton, David H. & George	Paynton	306-895-4306	S
Ardell, Terrence Wade, Michael, Brad & Joanne	Vanscoy	306-668-4415		F	Girodat, Gerald	Shaunavon	306-297-2913	S
Bailey, Roy G.	Milden	306-935-4702		F	Greenshields, Grant & Jim & Callie	Semans	306-524-2155	S
Berscheid, K.N. & B. & E.K. & S. & C. & Y.	Lake Lenore	306-368-2602	S	F	Kaeding, Roger W. & Warren	Churchbridge	306-896-2236	S
Clark, Shaun & Gilchrist, Armand & Gibbings, Neil	Rosetown	306-882-2058		S	Laxdal, G.M.; Blyth, D., Gregory, Wayne & Richard & Bolt, Glen A.	Wynyard	306-554-2078	S
Cresswell, Gordon B. & Bryan & Mark	Tisdale	306-873-5360		F R	Seymour, G.P. Donne, Kyle & Kelly & R. Thistlethwaite	Stewart Valley	306-778-2344	S
Danielson, Lionel & Bonnie	Norquay	306-594-2173		S	Sopatyk, Jeffery & Patti	Saskatoon	306-955-2516	S F
Dutton, David H. & George	Paynton	306-895-4306		S	Van Burck, Hans & Marianne	Star City	306-863-4377	S
Fedoruk, Rod M. & Cathy	Kamsack	306-542-4235		F	COOPER			
Fraser, Edward H. & Glen & Dale	Yarbo	306-745-3830		F	Annand, Glenn	Mossbank	306-354-7675	R
Greenshields, Grant & Jim & Callie	Semans	306-524-2155		F	Ardell, Terrence Wade, Michael, Brad & Joanne	Vanscoy	306-668-4415	R
Hansen, James S.	Yellow Grass	306-465-2525		F	Barlow, Bradley L.	Griffin	306-842-6216	C
Herle, Raymond & Gregory R.	Wilkie	306-843-2934		F	Berscheid, K.N. & B. & E.K. & S. & C. & Y.	Lake Lenore	306-368-2602	R
Hetland, Bill	Naicam	306-874-5694		S F	Clark, Shaun & Gilchrist, Armand & Gibbings, Neil	Rosetown	306-882-2058	C
Hleck, Leo	Codette	306-862-5966		S F	Denis, Michel P. & Marc	St. Denis	306-258-2075	C
Hundeby, R. & D. & R. & A. & K. & L. & Wonnick, Adam	Elbow	306-854-4629		F	Fedoruk, Rod M. & Cathy	Kamsack	306-542-4235	R
Hyndman, Glen	Balcarres	306-334-2914		F	Froese, Wesley A.J.	Boissevain	204-534-6846	F R C
Illingworth, D.W. & H.V. & T. D.	North Battleford	306-445-5630		F	Greenshields, Grant & Jim & Callie	Semans	306-524-2155	R
Kemper, Russell & Donna	Fulda	306-682-4929		F	Herle, Raymond & Gregory R.	Wilkie	306-843-2934	C
Klemmer, Richard	Nipawin	306-862-3874		F	Hyndman, David	Balcarres	306-334-2914	R C
Laxdal, G.M.; Blyth, D., Gregory, Wayne & Richard & Bolt, Glen A.	Wynyard	306-554-2078	S	F	Illingworth, D.W. & H.V. & T. D.	North Battleford	306-445-5630	R
Lutzer, Albert & Latrace, Jim	Lumsden	306-731-2843		F	Johnson, Oscar Stuart	Margo	306-324-4315	C
Mayerle, Kris	Tisdale	306-873-4261		F	Kaeding, Roger W. & Warren	Churchbridge	306-896-2236	S F R
Medernach, Louis J. & Kim L.	Cudworth	306-256-3398		F	Labrecque, Roger & Claude	Saskatoon	306-373-9379	C
Petruic, Cameron L. & Judy	Avonlea	306-868-2294	S	F	Lung, Leonard & D. & B.	Lake Lenore	306-368-2414	R
Reisner, Cecil & Barry	Limerick	306-263-2139	S	F R	Mayerle, Garry D.	Tisdale	306-873-5993	R
Rude, Stanley	Naicam	306-874-2359		F	Mayerle, Kris	Tisdale	306-873-4261	R
Rugg, Barry C. & Robert B.	Elstow	306-257-3638	S	F	Pfeifer, Robert G.	Lemberg	306-335-2532	C
Seymour, G.P. Donne, Kyle & Kelly & R. Thistlethwaite	Stewart Valley	306-778-2344		F	South, Winston & Richard & Bradley	Melfort	306-752-9840	C
Simpson, Thomas H.	Moose Jaw	306-693-2132		F	Straub, Lorne A.	Pense	306-345-2390	R
Sopatyk, Jeffery & Patti	Saskatoon	306-955-2516	S	F	Veikle, Lorne A. & Carl E. & G. & J.	Cut Knife	306-398-4714	R
Straub, Lorne A.	Pense	306-345-2390		F	Walker, Vincent C.	Melfort	306-863-4110	C
Tomtene, Terry, Steven & Slind, Daniel	Birch Hills	306-749-3230	S	F	Yauck, Kevin Rodney	Govan	306-484-4555	R
					CUTLASS			
					Beuker, Allan Daniel	Melfort	306-863-2225	R
					Bolt, Dale & Scott & Tod	Wynyard	306-554-2076	F C

TRAPPER

Meier, Garry L.	Ridgedale	306-277-2110	C
-----------------	-----------	--------------	---

TUDOR

Blenkin, Leonard G. & Larry K.	Sintaluta	306-727-2222	R
Hardy, Allan W. & Dale & Evan	Grenfell	306-697-3128	R
Trowell, Leslie	Saltcoats	306-744-2684	R
Woods, Dale Arthur & June	Rocanville	306-645-4423	R

PEAS - FIELD WINTER**CDC APRIL**

Bailey, Roy G.	Milden	306-935-4702	C
Fenton, Gerald A. & Robin Paul	Tisdale	306-873-5438	S F R

CHICKPEA - DESI**CDC ANNA**

Annand, Glenn	Mossbank	306-354-7675	C
Forer, Tim & Denise	Avonlea	306-868-4433	C
Stauber, Clayton & Lori	Stewart Valley	306-773-7907	C

CDC CABRI

Annand, Glenn	Mossbank	306-354-7675	R
---------------	----------	--------------	---

CDC VANGUARD

Annand, Glenn	Mossbank	306-354-7675	S
---------------	----------	--------------	---

CHICKPEA - KABULI**CDC CHICO**

Affleck, Lloyd & Kevin	Beechy	306-858-2558	F
------------------------	--------	--------------	---

CDC DIVA

Sudom, Blaine G. & Nathan	Avonlea	306-868-4620	S R
---------------------------	---------	--------------	-----

CDC FRONTIER

Annand, Glenn	Mossbank	306-354-7675	S
Carefoot, Floyd Martin	Swift Current	306-773-6963	C
Leduc, Gerald R.	Assiniboia	306-642-3076	R
Lutzer, Albert & Latrace, Jim	Lumsden	306-731-2843	S
Marcil, Harvey G. & Brent Louis	Moose Jaw	306-694-2981	S
Reisner, Cecil & Barry	Limerick	306-263-2139	S F R
Simpson, John W.	Moose Jaw	306-693-2132	F
Stauber, Clayton & Lori	Stewart Valley	306-773-7907	C
Travland, Glenn & Marie	Coronach	306-267-4916	C
Travland, Norman & Lureen & Kevin	Coronach	306-267-4923	S F R C
Watson, Wayne Donald & Calvin & Mark	Avonlea	306-868-2171	C

LENTIL - LARGE GREEN**CDC PLATO**

Bailey, Roy G.	Milden	306-935-4702	C
Boyd, William R. & Regan	Eston	306-962-3526	F
Clark, Shaun & Gilchrist, Armand & Gibbings, Neil	Rosetown	306-882-2058	C
Fast, Walter J. & Linda	Kindersley	306-463-3626	R
Forer, Tim & Denise	Avonlea	306-868-4433	C
Garratt, Lyle C. & K.C.	Milestone	306-436-2178	C
Girardin, Gaetan	Meyronne	306-264-5146	R
Klym, Roy & Vern	Regina	306-543-5052	C
Leduc, Gerald R.	Assiniboia	306-642-3076	C
Marin, Darald	Radville	306-869-2262	C
McKinnon, Ronald R.	Abernethy	306-333-2069	C
Nobbs, Laverne V. & Lindsay L.	Lancer	306-689-2651	C
Parson, Ken	Elrose	306-574-2044	C
Petruic, Cameron L. & Judy	Avonlea	306-868-2294	S F R
Schumacher, Mark	Delisle	306-493-2937	R
Simpson, John W.	Moose Jaw	306-693-2132	R
Smith, Ron T.W. & Barb A.	Limerick	306-263-4944	C
Smith, Wayne D.	Limerick	306-263-2144	C
Stirton, Brian James	Moose Jaw	306-693-2310	R
Straub, Lorne A.	Pense	306-345-2390	F
Watson, Wayne Donald & Calvin & Mark	Avonlea	306-868-2171	R
Willner, Lorne E.	Davidson	306-567-4613	F R

CDC SEDLEY

McDougall, Ken & Craig	Moose Jaw	306-693-3649	S C
------------------------	-----------	--------------	-----

Rennick, Joe R. & William J. & Bernadette & E.R.	Milestone	306-436-4353	R
--	-----------	--------------	---

CDC SOVEREIGN

Rogg, Paul A.	Pennant	306-626-3236	C
---------------	---------	--------------	---

LENTIL - MEDIUM GREEN**CDC METEOR**

Altwasser, Rodney & Allen R. & Dean	Yellow Grass	306-465-2727	F
Annand, Glenn	Mossbank	306-354-7675	F
Bailey, Roy G.	Milden	306-935-4702	F
Beck, Gregor	Rouleau	306-776-2432	R
Farley, William M. & James P.	Grand Coulee	306-757-6844	F
Greenshields, Grant & Jim & Callie	Semans	306-524-2155	F
Hansen, James S.	Yellow Grass	306-465-2525	R
Hundeby, R. & D. & R. & A. & K. & L. & Wonnick, Adam	Elbow	306-854-4629	F
Lutzer, Albert & Latrace, Jim	Lumsden	306-731-2843	F
Marcil, Harvey G. & Brent Louis	Moose Jaw	306-694-2981	F
Reisner, Cecil & Barry	Limerick	306-263-2139	S F
Renwick, Douglas Dale	Milestone	306-436-4418	F
Sanderson, Barbara J.	Rosetown	306-882-3317	F
Seymour, G.P. Donne, Kyle & Kelly & R. Thistlethwaite	Stewart Valley	306-778-2344	F
Simpson, Jamie	Moose Jaw	306-693-2132	R
Smith, Wayne D.	Limerick	306-263-2144	F
Stirton, Brian James	Moose Jaw	306-693-2310	F
Straub, Lorne A.	Pense	306-345-2390	F

LENTIL - PLOW DOWN TYPE**INDIAN HEAD**

Farley, William M. & James P.	Grand Coulee	306-757-6844	R C
-------------------------------	--------------	--------------	-----

LENTIL - RED**CDC ROULEAU**

Ardell, Terrence Wade, Michael, Brad & Joanne	Vanscoy	306-668-4415	R
Bailey, Roy G.	Milden	306-935-4702	R
Baxter, Daniel J.H.	North Battleford	306-445-5414	R
Carefoot, Lorne R.	Swift Current	306-773-6970	R
Clark, Shaun & Gilchrist, Armand & Gibbings, Neil	Rosetown	306-882-2058	F
Dobson, J. H., Curtis & Alison	Rouleau	306-776-2500	R
Fast, Walter J. & Linda	Kindersley	306-463-3626	R
Fraser, Scott & Shawn	Pambrun	306-582-2148	R
Ganshorn, Allan W.	Regina	306-757-8328	F
Greenshields, Grant & Jim & Callie	Semans	306-524-2155	R
Herle, Raymond & Gregory R.	Wilkie	306-843-2934	F
Hundeby, R. & D. & R. & A. & K. & L. & Wonnick, Adam	Elbow	306-854-4629	F
Illingworth, D.W. & H.V. & T. D.	North Battleford	306-445-5630	F
Jensen, Graham	Milden	306-935-4523	R
Laxdal, G.M.; Blyth, D., Gregory, Wayne & Richard & Bolt, Glen A.	Wynyard	306-554-2078	S F
Lindsay, Robert Stewart	Assiniboia	306-642-5369	R
Lutzer, Albert & Latrace, Jim	Lumsden	306-731-2843	R
Marcil, Harvey G. & Brent Louis	Moose Jaw	306-694-2981	R
Mayerle, Garry D.	Tisdale	306-873-5993	R
Mayerle, Ted. J.	Tisdale	306-873-4358	R
Nakonechny, Peter, Don P., Joyce, Coral & Lance	Ruthilda	306-932-4409	F
Reisner, Cecil & Barry	Limerick	306-263-2139	S F R
Sanderson, Donald Stewart	Rosetown	306-882-3317	R
Simpson, Tyler	Moose Jaw	306-693-2132	C
Sopatyk, Jeffery & Patti	Saskatoon	306-955-2516	F R
Stauber, Clayton & Lori	Stewart Valley	306-773-7907	R
Straub, Lorne A.	Pense	306-345-2390	F
Watson, Wayne Donald & Calvin & Mark	Avonlea	306-868-2171	R
Willner, Lorne E.	Davidson	306-567-4613	F R
Yauck, Kevin Rodney	Govan	306-484-4555	R

LENTIL - SMALL GREEN

CDC MILESTONE

Rennick, Joe R. & William J. & Bernadette & E.R.	Milestone	306-436-4353	R
CDC VICEROY			
Anderson, Kevin	Briercrest	306-691-0857	C
Ardell, Terrence Wade, Michael, Brad & Joanne	Vanscoy	306-668-4415	C
Baxter, Daniel J.H.	North Battleford	306-445-5414	R
Bruce, Vic R.	Tuxford	306-693-2044	C
Carefoot, Floyd Martin	Swift Current	306-773-6963	C
Clark, Shaun & Gilchrist, Armand & Gibbings, Neil	Rosetown	306-882-2058	R
Garratt, Lyle C. & K.C.	Milestone	306-436-2178	R
Heenan, Thomas Dale & Deb.	Regina	306-522-9375	C
Heenan, William D. & E.H.	Regina	306-757-8493	C
Lutzer, Albert & Latrace, Jim	Lumsden	306-731-2843	R
McDougall, Ken & Craig	Moose Jaw	306-693-3649	S R C
Reisner, Cecil & Barry	Limerick	306-263-2139	F R C
Rennick, Joe R. & William J. & Bernadette & E.R.	Milestone	306-436-4353	S R
Renwick, Douglas Dale	Milestone	306-436-4418	C
Rogg, Paul A.	Pennant	306-626-3236	R
Sanderson, Donald Stewart	Rosetown	306-882-3317	R
Simcoe Agservices Inc.	Swift Current	306-773-0803	R
Simpson, Greg J.	Moose Jaw	306-693-2132	C
Smith, Ron T.W. & Barb A.	Limerick	306-263-4944	R
Smith, Wayne D.	Limerick	306-263-2144	R
Sopatyk, Jeffery & Patti	Saskatoon	306-955-2516	R
Stauber, Clayton & Lori	Stewart Valley	306-773-7907	C
Stirton, Brian James	Moose Jaw	306-693-2310	R
Straub, Lorne A.	Pense	306-345-2390	F
Watson, Wayne Donald & Calvin & Mark	Avonlea	306-868-2171	R
Wylie, Leslie Dale	Biggar	306-948-5394	C

LENTIL - SMALL RED

CDC BLAZE

Gregoire, Denis	North Battleford	306-445-5516	C
Petruic, Cameron L. & Judy	Avonlea	306-868-2294	C

CDC IMPACT

Altwasser, Rodney & Allen R. & Dean	Yellow Grass	306-465-2727	R
Amos, K. Wayne	Oxbow	306-483-2963	R
Ardell, Terrence Wade, Michael, Brad & Joanne	Vanscoy	306-668-4415	R
Bailey, Roy G.	Milden	306-935-4702	R
Barlow, Bradley L.	Griffin	306-842-6216	R
Berscheid, K.N. & B. & E.K. & S. & C. & Y.	Lake Lenore	306-368-2602	R
Carlson, Keith W. & Grant	Outlook	306-867-8571	R
Craswell, Raymond W.	Strasbourg	306-725-3236	S R
Denis, Michel P. & Marc	St. Denis	306-258-2075	R
Edwards, Lawrence R., Donna, Jeff & Mike	Nokomis	306-528-2140	R
Farley, William M. & James P.	Grand Coulee	306-757-6844	R
Fast, Walter J. & Linda	Kindersley	306-463-3626	S R
Gilchrist, Armand J. & Martha	Rosetown	306-882-2901	S R
Greenshields, Grant & Jim & Callie	Semans	306-524-2155	R
Hanmer, Ronald F., Kent, Brad & Dallas	Govan	306-484-4327	R
Hansen, James S.	Yellow Grass	306-465-2525	S R
Heenan, Thomas Dale & Deb.	Regina	306-522-9375	R
Herle, Raymond & Gregory R.	Wilkie	306-843-2934	R
Lang, Gordon J.	Rosetown	306-882-3481	S R
Lutzer, Albert & Latrace, Jim	Lumsden	306-731-2843	R
Mayell, Harvey J. & Calvin J.	Congress	306-642-3120	S R
Mayerle, Erwin D.	Tisdale	306-873-4261	S
Mayerle, Garry D.	Tisdale	306-873-5993	R
Mayerle, Kris	Tisdale	306-873-4261	R
Mayerle, Ted. J.	Tisdale	306-873-4358	R

Nakonechny, Peter, Don P.,

Joyce, Coral & Lance	Ruthilda	306-932-4409	S	R
Reisner, Cecil & Barry	Limerick	306-263-2139	S	R
Renwick, Douglas Dale	Milestone	306-436-4418	S	R
Sanderson, Eric M.	Balcarres	306-334-2958	R	
Sanderson, Donald Stewart	Rosetown	306-882-3317	R	
Schmeling, Donald H.	Riceton	306-738-2064	S	R
Schumacher, Mark	Delisle	306-493-2937	R	
Seymour, G.P. Donne, Kyle & Kelly & R. Thistlethwaite	Stewart Valley	306-778-2344	S	R
Simpson, Tyler	Moose Jaw	306-693-2132	R	
Smith, Wayne D.	Limerick	306-263-2144	S	R
Sopatyk, Jeffery & Patti	Saskatoon	306-955-2516	S	
Stirton, Brian James	Moose Jaw	306-693-2310	R	
Stokke, Terry J. & Shane T.	Watrous	306-946-2566	R	
Straub, Lorne A.	Pense	306-345-2390	S	R
Watson, Wayne Donald & Calvin & Mark	Avonlea	306-868-2171	R	

CDC IMPERIAL

Ardell, Terrence Wade, Michael, Brad & Joanne	Vanscoy	306-668-4415	R
Bailey, Roy G.	Milden	306-935-4702	R
Beck, Gregor	Rouleau	306-776-2432	F
Berscheid, K.N. & B. & E.K. & S. & C. & Y.	Lake Lenore	306-368-2602	R
Cresswell, Gordon B. & Bryan & Mark	Tisdale	306-873-5360	R
Farley, William M. & James P.	Grand Coulee	306-757-6844	R
Fast, Walter J. & Linda	Kindersley	306-463-3626	S R
Greenshields, Grant & Jim & Callie	Semans	306-524-2155	R
Hansen, James S.	Yellow Grass	306-465-2525	S R
Lutzer, Albert & Latrace, Jim	Lumsden	306-731-2843	R
Murray, Scott & Ross	Young	306-259-4944	S R
Sanderson, Donald Stewart	Rosetown	306-882-3317	R
Schmeling, Donald H.	Riceton	306-738-2064	R
Simpson, Jamie	Moose Jaw	306-693-2132	R
Smith, Ron T.W. & Barb A.	Limerick	306-263-4944	S R
Sopatyk, Jeffery & Patti	Saskatoon	306-955-2516	S F
Stirton, Brian James	Moose Jaw	306-693-2310	R
Straub, Lorne A.	Pense	306-345-2390	R
Tebbutt, Ronald E. & Gregg	Nipawin	306-862-9730	R
Watson, Wayne Donald & Calvin & Mark	Avonlea	306-868-2171	R
Willner, Lorne E.	Davidson	306-567-4613	R
Yauck, Kevin Rodney	Govan	306-484-4555	S R

CDC REDBERRY

Annand, Glenn	Mossbank	306-354-7675	F R
Ardell, Terrence Wade, Michael, Brad & Joanne	Vanscoy	306-668-4415	R
Bergstrom, Randy M.	Birsay	306-573-4625	R C
Blackwell, Brad	Dinsmore	306-846-4408	C
Clark, Shaun & Gilchrist, Armand & Gibbings, Neil	Rosetown	306-882-2058	R
Corbett, Dean & Trent	Macrorie	306-243-2047	R
Craswell, Raymond W.	Strasbourg	306-725-3236	R
Denis, Michel P. & Marc	St. Denis	306-258-2075	F
Fast, Walter J. & Linda	Kindersley	306-463-3626	R
Floberg, Barry & Delana & Devin & Brandon	Shaunavon	306-297-2087	R
Fraser, Scott & Shawn	Pambrun	306-582-2148	R
Greenshields, Grant & Jim & Callie	Semans	306-524-2155	R
Gregoire, Denis	North Battleford	306-445-5516	C
Haukaas, Beric D.	Mortlach	306-355-2575	R
Hofer, Ed & Lorne	Wilkie	306-843-2797	R
Hundeby, R. & D. & R. & A. & K. & L. & Wonnick, Adam	Elbow	306-854-4629	R
Klym, Roy & Vern	Regina	306-543-5052	R
Marcil, Harvey G. & Brent Louis	Moose Jaw	306-694-2981	R
McDougall, Ken & Craig	Moose Jaw	306-693-3649	C
Nakonechny, Peter, Don P., Joyce, Coral & Lance	Ruthilda	306-932-4409	C
Parson, Ken	Elrose	306-574-2044	C

2007 SaskSeed Guide

Petricu, Cameron L. & Judy Sanderson, Donald Stewart	Avonlea	306-868-2294	S F	McCrea, Clement	Zenon Park	306-767-2437	C
Sanderson, Matthew	Rosetown	306-882-3317	R	Michalenko, Lawrence	Dundurn		C
Sanderson, Travis	Rosetown	306-882-3317	R	Ratzlaff, Kenneth Douglas	Prince Albert	306-922-4332	C
Sheppard, William H.	Rosetown	306-882-3150	R	Reavie, Terry W.J.	Arborfield	306-768-3597	C
Simpson, Trevor W.	Lucky Lake	306-858-2717	C	Ricard, Gene & Ray	Estevan	306-634-0103	C
Smith, Wayne D.	Moose Jaw	306-693-2132	R	Schappert, Roland	Langenburg	306-743-5474	C
Sopatky, Jeffery & Patti	Limerick	306-263-2144	R	Tanner, Edward William	Tisdale	306-873-5109	C
Stauber, Clayton & Lori	Saskatoon	306-955-2516	F R	AMERISTAND 201+Z			
	Stewart Valley	306-773-7907	R	Agricore United	Saskatoon	800-565-7333	C
CDC ROSETOWN				APPROVED			
Bailey, Roy G.	Milden	306-935-4702	F	FarmPure Seeds	Regina	306-791-0500	C
Clark, Shaun & Gilchrist, Armand & Gibbings, Neil	Rosetown	306-882-2058	S	ASCEND			
Hansen, James S.	Yellow Grass	306-465-2525	F	Brett-Young Seeds Limited	St. Norbert	204-261-7932	C
Laxdal, G.M.; Blyth, D., Gregory, Wayne & Richard & Bolt, Glen A.	Wynyard	306-554-2078	S F	BEAVER			
Matovich, Martin & Beth	Kenaston	306-252-2789	F	Ardell, Terrence Wade, Michael, Brad & Joanne	Vanscoy	306-668-4415	C
Sanderson, Donald Stewart	Rosetown	306-882-3317	F	Bjornson, Gregory P.	Wynyard	306-554-3302	C
Seymour, G.P. Donne, Kyle & Kelly & R. Thistlethwaite	Stewart Valley	306-778-2344	S F	Bueckert, Bill & Phil	Eyebrow	306-759-2191	C
CDC ROBIN				Cay, Norman Maurice	Tisdale	306-873-5527	C
Froese, Terrance P.	Rabbit Lake	306-824-2121	C	Cay, Robert Norman	Tisdale	306-873-5527	C
Gregoire, Denis	North Battleford	306-445-5516	C	Donkers, Hank	White Fox	306-276-2021	C
Tanner, David A. & Hazel	Regina	306-757-7012	R	FarmPure Seeds	Regina	306-791-0500	C
LENTIL - FRENCH GREEN				Gullacher, Evan	Imperial	306-963-2511	C
CDC LEMAY				Gunther, Lance Blaine	Lanigan	306-365-4231	C
Neville, Patrick & Cheryl	Govan	306-484-4560	C	Hue, Allan	Hudson Bay	306-865-2445	C
Simpson, Thomas H.	Moose Jaw	306-693-2132	C	MacLeod, Bryce	Aberdeen	306-253-4620	C
ALFALFA				Phillips, S. Clare & William P.	Tisdale	306-873-5569	F
4.2				Reavie, Terry W.J.	Arborfield	306-768-3597	C
FarmPure Seeds	Regina	306-791-0500	C	Sigfusson, Harold Edward	Wynyard	306-554-2039	C
421				Verbergt, Arnold	Weyburn	306-842-7968	C
Northstar Seed Ltd.	Neepawa	204-476-5241	C	Wildeman, Maurice Don	Lanigan	306-365-4395	C
53V52				CONVOY			
Pioneer Hi-Bred International Inc.	Brooks	403-362-3963	C	Kushniruk, David	Melville	306-728-5835	C
ABLE				DAKOTA			
Pickseed Canada Inc.	Winnipeg	204-633-0088	C	Northstar Seed Ltd.	Neepawa	204-476-5241	F
AC BLUE J				ENHANCER			
Bjornson, Gregory P.	Wynyard	306-554-3302	C	Northstar Seed Ltd.	Neepawa	204-476-5241	C
AC BRADOR				ESPRIT			
Northstar Seed Ltd.	Neepawa	204-476-5241	C	Pickseed Canada Inc.	Winnipeg	204-633-0088	C
AC CARIBOU				EVOLUTION			
Brett-Young Seeds Limited	St. Norbert	204-261-7932	C	Northstar Seed Ltd.	Neepawa	204-476-5241	C
Eggerman, Percy A.	Watson	306-287-3780	C	GENEVA			
AC GRAZELAND BR				Pickseed Canada Inc.	Winnipeg	204-633-0088	F
Payak, Donald M.	Weyburn	306-842-5756	F	GENOA			
Pickseed Canada Inc.	Winnipeg	204-633-0088	C	Pickseed Canada Inc.	Winnipeg	204-633-0088	F
AC LONGVIEW				HAYGRAZER			
FarmPure Seeds	Regina	306-791-0500	C	Gourley, Bruce D.	Watson	306-287-3127	C
AC NORDICA				HORNET			
Saskatchewan Wheat Pool	Regina		C	FarmPure Seeds	Regina	306-791-0500	F
ACCEL				MAGNUM 3801 WET			
Brett-Young Seeds Limited	St. Norbert	204-261-7932	C	Gourley, Bruce D.	Watson	306-287-3127	C
ALGONQUIN				MULTIPLIER 3			
Boyle, Ron & Larson, Kim	Kinistino	306-864-3620	C	Northstar Seed Ltd.	Neepawa	204-476-5241	C
Cay, Norman Maurice	Tisdale	306-873-5527	C	NEMESIS			
Ewert, Joel	Drake	306-363-4725	C	Lalonde, Lucien & Denise	Zenon Park	306-767-2293	F
FarmPure Seeds	Regina	306-791-0500	C	PEACE			
Favreau, Bernard M.	Prince Albert	306-763-8821	C	Fortier, Albert	Zenon Park	306-767-2499	C
Gullacher, Evan	Imperial	306-963-2511	C	PERFECT			
Lalonde, Lucien & Denise	Zenon Park	306-767-2293	C	Pickseed Canada Inc.	Winnipeg	204-633-0088	C
LeBras, Terence & Mart	Arborfield	306-769-8814	C	PICKSEED 2065MF			
MacLeod, Bryce	Aberdeen	306-253-4620	C	Pickseed Canada Inc.	Winnipeg	204-633-0088	C
Malberg, Rod C.	Aylsham	306-862-5844	C	PICKSEED 8920MF			
Marchildon, Vince & Daniel	Zenon Park	306-767-2455	C	Pickseed Canada Inc.	Winnipeg	204-633-0088	C
Maxwell, David S.	Nipawin	306-862-9622	C	PICKSEED 8925MF			
				Pickseed Canada Inc.	Winnipeg	204-633-0088	C

PREVAIL

Pickseed Canada Inc. Winnipeg 204-633-0088 C

RAMBLER

Dowling, Stuart W. Prince Albert 306-763-3834 C
 FarmPure Seeds Regina 306-791-0500 C
 Lalonde, Lucien & Denise Zenon Park 306-767-2293 C
 Lindsay-Hawkins, Andrew Leslie 306-955-6063 C
 Wildeman, Maurice Don Lanigan 306-365-4395 C

RANGELANDER

Bjornson, Gregory P. Wynyard 306-554-3302 C
 FarmPure Seeds Regina 306-791-0500 C
 Gullacher, Evan Imperial 306-963-2511 C
 Martodam, Robert Spiritwood 306-883-2091 F
 Morris, Richard Johnathon Carrot River 306-768-2905 C
 Nicklen, Gregory Carrot River 306-768-2251 C
 Perrault, Jerome Zenon Park 306-767-2254 C
 Ricard, Gene & Ray Estevan 306-634-0103 C
 Riou, Stephen Arborfield 306-769-8313 C

REBOUND 5.0

FarmPure Seeds Regina 306-791-0500 C

SPREDOR 4

Agricore United Saskatoon 800-565-7333 C

STARBUCK

Pickseed Canada Inc. Winnipeg 204-633-0088 F

STEAK

Pickseed Canada Inc. Winnipeg 204-633-0088 F

STEALTH SF

Northstar Seed Ltd. Neepawa 204-476-5241 C

SURPASS

Northstar Seed Ltd. Neepawa 204-476-5241 C

TOPHAND

Northstar Seed Ltd. Neepawa 204-476-5241 C

VALIANT

Brett-Young Seeds Limited St. Norbert 204-261-7932 F
 Gullacher, Evan Imperial 306-963-2511 C

WINTERGOLD

Agricore United Saskatoon 800-565-7333 C

ALFALFA - HYBRID

HYBRIFORCE-400

Brett-Young Seeds Limited St. Norbert 204-261-7932 C

CICER MILK VETCH

AC OXLEY II

FarmPure Seeds Regina 306-791-0500 C

CLOVER - ALSIKE

AURORA

FarmPure Seeds Regina 306-791-0500 C
 Higgins, Chester Keith Tisdale 306-873-2239 C

DAWN

Pickseed Canada Inc. Winnipeg 204-633-0088 C

FRIDA

FarmPure Seeds Regina 306-791-0500 C

CLOVER - RED

AC ENDURE

FarmPure Seeds Regina 306-791-0500 C

KVARTA

Samida, Robin Tisdale 306-873-4904 C

TEMPUS

Kapeller, Kevin Arborfield 306-769-4122 C
 Pickseed Canada Inc. Winnipeg 204-633-0088 C

CLOVER - SWEET

NORGOLD

Fenton, Gerald A. & Robin Paul Tisdale 306-873-5438 F
 Morris, William Gregory Carrot River 306-768-2907 C

BLUEGRASS - GLAUCOUS

BEARPAW

FarmPure Seeds Regina 306-791-0500 F

BLUEGRASS - KENTUCKY

OPAL

FarmPure Seeds Regina 306-791-0500 C

BROMEGRASS - HYBRID

AC KNOWLES

Agricore United Saskatoon 800-565-7333 F C

AC SUCCESS

FarmPure Seeds Regina 306-791-0500 F C
 FarmPure Seeds Brandon 204-727-3337 C

BROMEGRASS - MEADOW

FLEET

Agricore United Saskatoon 800-565-7333 C
 Antony, Lawrence MacNutt 306-742-4585 C

Berscheid, K.N. & B. & E.K. & .S. & C. & Y. Lake Lenore 306-368-2602 F

Hetland, Bill Naicam 306-874-5694 C

Marshall, Larry Shellbrook 306-747-2725 C

Nontell, Wayne Tisdale 306-873-2584 C

Northstar Seed Ltd. Neepawa 204-476-5241 C

Trawin, John Melfort 306-752-4060 C

MONTANA

Agricore United Saskatoon 800-565-7333 C

PADDOCK

FarmPure Seeds Regina 306-791-0500 C

BROMEGRASS - SMOOTH

AC ROCKET

Agricore United Saskatoon 800-565-7333 F C

BRAVO

Pickseed Canada Inc. Winnipeg 204-633-0088 C

MAGNA

FarmPure Seeds Regina 306-791-0500 C

PEAK

FarmPure Seeds Regina 306-791-0500 C

RADISSON

Pickseed Canada Inc. Winnipeg 204-633-0088 C

SIGNAL

Saskatchewan Wheat Pool Regina 306-569-4082 C

CANARY GRASS - ANNUAL

KEET

Phillips, S. Clare & William P. Tisdale 306-873-5569 R

REED CANARY GRASS

SW BAMSE

FarmPure Seeds Regina 306-791-0500 F

CANARYSEED - ANNUAL

CDC TOGO

Clark, Shaun & Gilchrist, Armand & Gibbings, Neil Rosetown 306-882-2058 C

Greenshields, Grant & Jim & Callie Semans 306-524-2155 C

Herle, Raymond & Gregory R. Wilkie 306-843-2934 C

Illingworth, D.W. & H.V. & T. D. North Battleford 306-445-5630 C

Johnson, Oscar Stuart Margo 306-324-4315 C

Lung, Ivan & Schemenauer, S. & B.; Lake Lenore 306-368-2414 C

Slind, Donald Edward Archerwill 306-323-4927 C

Simpson, Thomas H. Moose Jaw 306-693-2132 R

Straub, Lorne A. Pense 306-345-2390 C

RYEGRASS - ANNUAL**SW BOTRUS**

FarmPure Seeds	Regina	306-791-0500	F	C
----------------	--------	--------------	---	---

RYEGRASS - PERENNIAL**ALL STAR 2**

Brett-Young Seeds Limited	St. Norbert	204-261-7932		C
Lueke, Dennis	Humboldt	306-682-5170		C
Marchildon, Vince & Daniel	Zenon Park	306-767-2455		C

BRIGHTSTAR II

Brett-Young Seeds Limited	St. Norbert	204-261-7932		C
---------------------------	-------------	--------------	--	---

DANCER

Pickseed Canada Inc.	Winnipeg	204-633-0088		C
----------------------	----------	--------------	--	---

FIESTA 3

Pickseed Canada Inc.	Winnipeg	204-633-0088		C
----------------------	----------	--------------	--	---

GATOR 3

FarmPure Seeds	Regina	306-791-0500	F	
----------------	--------	--------------	---	--

RYEGRASS - RUSSIAN WILD**SWIFT**

FarmPure Seeds	Regina	306-791-0500		C
----------------	--------	--------------	--	---

RYEGRASS - WESTERWOLD**AUBADE**

Hall, Norman & Ernie	Wynyard	306-554-3122		C
----------------------	---------	--------------	--	---

TIMOTHY - PHLEUM PRATENSE**ALMA**

FarmPure Seeds	Regina	306-791-0500		C
----------------	--------	--------------	--	---

BASHO

FarmPure Seeds	Regina	306-791-0500		C
----------------	--------	--------------	--	---

CHAMP

Deschamps, Gary	Tisdale	306-873-2122		C
Phillips, S. Clare & William P.	Tisdale	306-873-5569		C

CLIMAX

Ag Vision Seeds Ltd.	Carrot River	306-768-3335		C
FarmPure Seeds	Regina	306-791-0500	F	
Tebbutt, Ronald E. & Gregg	Nipawin	306-862-9730		C

COMTAL

FarmPure Seeds	Regina	306-791-0500		C
----------------	--------	--------------	--	---

EXPRESS

FarmPure Seeds	Regina	306-791-0500		C
----------------	--------	--------------	--	---

JOLIETTE

FarmPure Seeds	Regina	306-791-0500		C
Peddie, Morris	Arborfield	306-769-8561		C

PROMESSE

Brett-Young Seeds Limited	St. Norbert	204-261-7932		C
---------------------------	-------------	--------------	--	---

RICHMOND

Pickseed Canada Inc.	Winnipeg	204-633-0088		C
----------------------	----------	--------------	--	---

SAGUENAY

FarmPure Seeds	Regina	306-791-0500		C
----------------	--------	--------------	--	---

TOPI

Ag Vision Seeds Ltd.	Carrot River	306-768-3335	F	
Holmen, Clifton	Carrot River	306-768-2897	F	C

VETCH - CHICKLING**AC GREENFIX**

Kaeding, Roger W. & Warren	Churchbridge	306-896-2236		C
Tinant, Adrien J.	Cadillac	306-785-4532		C

WHEATGRASS - CRESTED**AC GOLIATH**

Baxter, Kent R. & Aaron M.	Codette	306-862-3091		F
Berscheid, K.N. & B. & E.K. & S. & C. & Y.	Lake Lenore	306-368-2602		F
Trawin, Alan Ross, Mitchell, Ashton, Jennifer & Jessica	Melfort	306-752-4060		C

AC PARKLAND

FarmPure Seeds	Regina	306-791-0500		C
----------------	--------	--------------	--	---

FAIRWAY

Clearwater, Don W.	Nipawin	306-862-3025		C
FarmPure Seeds	Regina	306-791-0500		C
Scowen, Troy & Richard D.	Nipawin	306-862-2079		F

KIRK

Doud, Aubrey	Radville	306-869-2261		C
Gilmour, Robert L.	Carrot River	306-768-3482		C
Hochbaum, Jack	Wilkie	306-843-2054		C

NORDAN

Ag Vision Seeds Ltd.	Carrot River	306-768-3335		C
----------------------	--------------	--------------	--	---

WHEATGRASS - INTERMEDIATE**CHIEF**

FarmPure Seeds	Regina	306-791-0500		C
----------------	--------	--------------	--	---

WHEATGRASS - SLENDER**REVENUE**

Ag Vision Seeds Ltd.	Carrot River	306-768-3335		C
----------------------	--------------	--------------	--	---

CORIANDER**CDC MAJOR**

Calcutt, Clifford W.	Lemberg	306-335-2860		C
----------------------	---------	--------------	--	---

BIRDSFOOT TREFOIL**LEO**

Harrison, Douglas & Robert M.	White Fox	306-276-2424		C
Lyons, Murray F.	Nipawin	306-862-3066		C

FESCUE - MEADOW**MIMER**

FarmPure Seeds	Regina	306-791-0500		C
----------------	--------	--------------	--	---

SIGMUND

FarmPure Seeds	Regina	306-791-0500		C
----------------	--------	--------------	--	---

SAINFOIN**NOVA**

FarmPure Seeds	Regina	306-791-0500		C
Petracek, Arnold J. & Alan D. & Michael	Esterhazy	306-745-6210	F	C

SPELT - SPRING**CDC NEXON**

Tanner, David A. & Hazel	Regina	306-757-7012		R
--------------------------	--------	--------------	--	---



Your best choice for premium seed.

Large Green Lentils



Small Green Lentils



Red Lentils



Chickpeas

Green Peas

Yellow Peas

Varieties include:

Green Lentils

- Laird
- CDC Plato
- CDC Viceroy
- Eston

Yellow Peas

- CDC Golden
- SW Midas
- CDC Bronco
- DS Admiral

Red Lentils

- CDC Blaze
- CDC Redberry
- CDC Rouleau
- CDC Robin
- NEW - CDC Rosetown
- NEW - CDC - Imperial
- NEW - CDC - Impact

Green Peas

- CDC Sage
- Sergeant

Chickpeas

- Amit (B-90)

Cereal Grains Available

For more information on your pedigree seed needs, email us at seeds@saskcan.com or contact Jeff or Merlin at (306) 253-4233.

From Producer to the World

www.saskcan.com

DID YOU KNOW?

■ As a subscriber to *The Western Producer*, you have special privileges at www.producer.com

■ Our subscribers get access to classified word ads and news stories on the week of publication. (Others have to wait two more weeks!)

■ Our subscribers can use both our classified ad search engine (with new ads conveniently labeled) and "Find a Story" for news and opinion.

■ As a subscriber to *The Western Producer*, you're automatically registered for full access to www.producer.com

It's simple! Your account number is your login name. Your phone number (in the format 123-456-7890) is your password the first time you log on. Don't forget to change your password as soon as you can.

If you have problems at www.producer.com, call our subscription staff at **1-800-667-6929**. They'll get you up and running in no time.

www.producer.com
NOW YOU KNOW!

THE Western Producer

YOU WON'T FIND PROSPER ON ANY OLD SEED

PROSPER™. THE PROTECTION
IT DESERVES.

Prosper's new generation formula has quickly become the highest standard for canola seed treatment. Not only does it provide excellent flea beetle control. It delivers unmatched disease control. Which is the kind of protection that good seed deserves.



INVIGOR® 5070



INVIGOR 5020



INVIGOR 5030



CARGILL SPECIALTY CANOLA OILS



AGRICORE UNITED



SASK WHEAT POOL INC.



CANTERRA SEEDS



FARMPURE SEEDS



DEKALB®



Always read and follow label directions.
Invigor™ and Prosper™ are trademarks of Bayer.
All other products mentioned are trademarks of their respective companies.
Bayer CropScience is a member of CropLife Canada.



Always Growing

...as seed experts, as innovative agronomists and as a business dedicated to the success of producers, farm families and rural communities. Firmly planted in Canada but with our eye on the globe, we are always growing.

2007 NEW VARIETIES

- CANTERRA 1852H Canola
- CANTERRA 1759S Canola
- AC INFINITY Spring Wheat
- COOPER Green Field Pea

2006 TOP PERFORMERS

- CANTERRA 1841RR Hybrid
- CANTERRA 1818RR



Agronomist Information: 1 877 439-7333 Sales Information: 1 866 744-4321 www.canterra.com

DEVELOPED HERE. TO GROW HERE.



SP 621 RR

SP 451 RR



SP 442 CL

The Pool operates the largest Canadian-owned canola breeding program in the world, right here on the Prairies. Our research and development program continues to introduce many successful varieties.

We were the first to introduce a privately developed canola, and the first to introduce

herbicide tolerant canola. Our open-pollinated SP Banner has been the most popular Roundup Ready® canola variety in Saskatchewan for three successive years.

Our synthetic, SP Desirable and our hybrids SP 442 and SP 451, continue to provide prairie producers with outstanding yields. New varieties like SP Force and SP 621 will deliver results well into the future.

Whatever your budget or growing conditions, talk to your Pool or AgPro rep, and we'll help you put together a program that will unlock the potential of your farm.

Farming starts with a seed.



But it's measured by what that seed becomes.

Roundup Ready® crops contain genes that confer tolerance to glyphosate the active ingredient in Roundup® agricultural herbicides. Roundup Agricultural herbicides will kill crops that are not tolerant to glyphosate. Roundup, Roundup Ready are registered trademarks of Monsanto Technology LLC, Monsanto Canada Inc Licensee. ©2006 Monsanto Canada Inc. Clearfield® Production System is a registered trademark of BASF.



www.swp.com

