

GOING STRAIGHT

Straight cutting canola growing fast » PG 18



WINTER CEREALS

The 2016 MCVET winter cereals data is in » PG 22



Manitoba Co-OPERATOR

SEPTEMBER 8, 2016

SERVING MANITOBA FARMERS SINCE 1925 | VOL. 74, NO. 36 | \$1.75

MANITOBACOOPERATOR.CA

Grain system pulled out all the stops for 2015-16

Grain monitor Mark Hemmes says this could be the new normal

BY ALLAN DAWSON
Co-operator staff

Canada's grain-handling and transportation system showed just what it's capable of in the past crop year.

It was the second year in a row of stellar performance, with records for the total amount of grain shipped falling in 2014-15, both in marked contrast to the disaster that was the winter of 2013-14, which saw a banner crop backed up on farms, unable to move to market.

"It was kind of like a logistical utopia," Mark Hemmes, president of Quorum Corporation, the firm hired by the federal government to track grain-handling and transportation statistics, said in an interview Aug. 31.

"The whole system worked really well all year. That's partly attributable to the fact that we had a nice winter. It was ideal."

The railways shipped 48.3 million tonnes of western grain to various destinations between Aug. 1, 2015 and July 31, 2016, down three per cent from the previous year.

Western Canadian primary elevators shipped 42.38 million

See **GRAIN** on page 8 »



With the crop coming off, grain value chain members are reminding growers to prevent herbicide residue issues and even naturally occurring toxins from hurting our international reputation. PHOTO: SHANNON VANRAES

A 'clean' harvest key to smooth trade

Take precautions against pesticide residues and naturally occurring toxins in grain

BY ALLAN DAWSON
Co-operator staff

As farmers harvest this year's crop they're also being reminded that the eyes — and analytic testing equipment — of the world are on them like never before.

Making sure they're dotting the i's and crossing the t's during this critical time will help protect markets, avoid trade disputes and prevent lawsuits.

"There is more and more scrutiny out there on (pesticide) residues as well as on the mycotoxin side," Cere-

als Canada president Cam Dahl said in an interview Aug. 31. "The more that we can be that reliable supplier the better."

Most importantly, follow label directions when applying pesticides to crops, especially pre-harvest, Dahl said.

Glyphosate, applied on some crops to kill weeds ahead of combining, is among several products end-users are watching closely for. Some companies such as Grain Millers Canada, a Yorkton, Sask.-based oat buyer, won't buy oats sprayed with glyphosate pre-harvest.

"For the new crop year beginning

August 1, 2016, Grain Millers will not be accepting any oats that have been sprayed with glyphosate pre-harvest, or any that have been sprayed with any other non-registered chemicals," Scott Shiels, the company's grain procurement merchant, wrote in an email. "This is stated in our contracts, and there are affidavits to sign before delivery of any new-crop oats confirming that your grain meets the contract criteria, and outlining the repercussions of non-compliance."

Meanwhile, General Mills is being sued for allegedly misleading

See **CLEAN** on page 6 »

INSIDE

LIVESTOCK



Young cattle producers

Young Cattlemen's Council calls for members

12

CROPS



Chipping away at it

Wood chip bioreactors can capture nitrogen

17

FEATURE



A Prairie tractor in France

A Massey-Sawyer is a feature at Le Compa

33

CROSSROADS



'The End of Our Memories'

Small-town museums are on the ropes

36

Editorials	4	Grain Markets	11
Comments	5	Weather Vane	16
What's Up	9	Classifieds	25
Livestock Markets	10	Sudoku	30

ONLINE & MOBILE



Visit www.manitobacooperator.ca for daily news and features and our digital edition. (Click on "Digital Edition" in the top right corner.) At our sister site, AGCanada.com, you can use the "Search the AGCanada.com Network" function at top right to find recent *Co-operator* articles. Select "Manitoba Co-operator" in the pull-down menu when running your search. Scan the code to download the Manitoba Co-operator mobile app.

www.manitobacooperator.ca

DID YOU KNOW?

Sewage sludge could fertilize crops

Researchers in Madagascar think the environmental benefits of recycling phosphorus can't be ignored

STAFF

Researchers say they may have found another manure source that's perfect for fertilizing crops — the catch is it's of the human variety.

In a recent article in the open-access journal *Frontiers in Nutrition* scientists from Madagascar's University of Antananarivo investigated using thermally conditioned sewage sludge on crops. Thermal conditioning kills potentially harmful pathogens, leaving a safe and nutrient-rich product.

In the article, lead researcher Andry Andriamananjara said the technique would enable sustainable reuse of "essential and finite" phosphorus resources. The most common source of phosphorus is non-renewable phosphate rocks.

The researchers grew ryegrass in pots filled with soil and added either no fertilizer, thermally conditioned sewage sludge, or commercial



Dried sewage sludge could solve the phosphorus question. PHOTO: PMSOLIDS.COM

triple superphosphate fertilizer. Shoot and roots were harvested at fixed intervals and phosphorus uptake was measured.

As expected, both fertilizer applications increased shoot biomass significantly and increased phosphorus uptake.

However, total phosphorus uptake from thermally conditioned sewage sludge was lower than that from the commercial fertilizer. Phosphorus

in the water-soluble commercial fertilizer is likely immediately available for plant uptake after application, whereas the phosphorus from sewage is in a form that's less readily available as it becomes tied up by soil microbes.

Andriamananjara still recommends using sewage sludge as fertilizer, saying over time the phosphorus will become available to plants and the sustainability of the system is a key benefit.

READER'S PHOTO

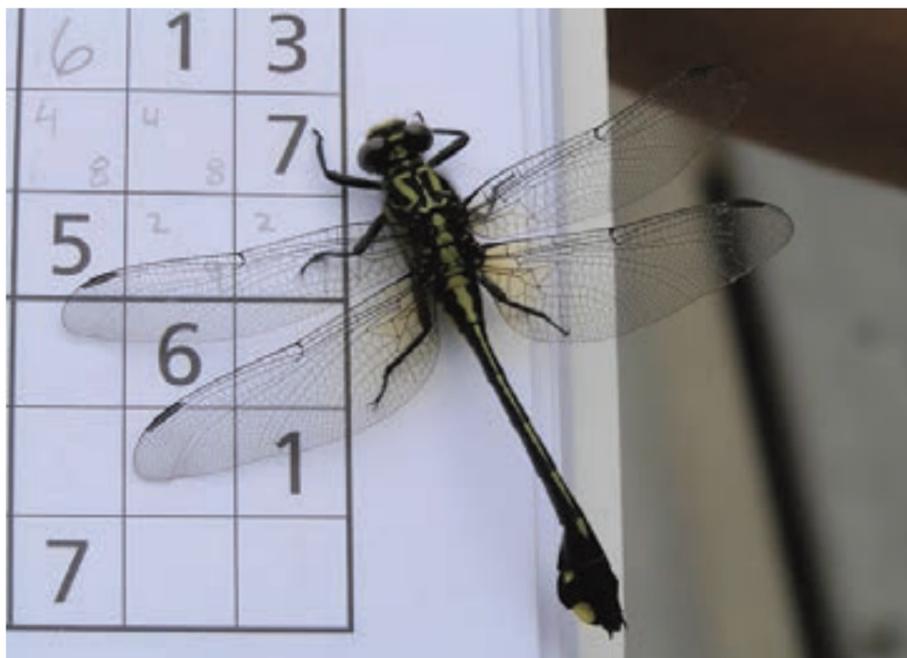


PHOTO: EVA KRAWCHUK

Manitoba Co-OPERATOR

FOR MANITOBA FARMERS SINCE 1927

1666 Dublin Avenue
Winnipeg, MB R3H 0H1
Tel: 204-944-5767 Fax: 204-954-1422
www.manitobacooperator.ca

Published by Farm Business Communications
A division of Glacier FarmMedia

Member, Canadian Circulation Audit Board,
Member, Canadian Farm Press Association,
Member, Canadian Agri-Marketing Association



EDITOR / FBC EDITORIAL DIRECTOR
Laura Rance
laura@fbcpublishing.com
204-792-4382

ASSOCIATE EDITOR Gord Gilmour
gord.gilmour@fbcpublishing.com
204-453-7624

EDITOR, AGCANADA.COM Dave Bedard
daveb@fbcpublishing.com
204-944-5762

PUBLISHER Lynda Tityk
lynda.tityk@fbcpublishing.com
204-944-5755

PRESIDENT Bob Willcox
Glacier FarmMedia
bwillcox@farmmedia.com
204-944-5751

NEWS STAFF / REPORTERS

Allan Dawson
allan@fbcpublishing.com
204-435-2392

Shannon VanRaes
shannon.vanraes@fbcpublishing.com
204-954-1413

Lorraine Stevenson
lorraine@fbcpublishing.com
204-750-0119

Jennifer Paige
jennifer.paige@fbcpublishing.com
204-291-4348

CIRCULATION MANAGER
Heather Anderson
heather@fbcpublishing.com
204-954-1456

PRODUCTION DIRECTOR Shawna Gibson
shawna@fbcpublishing.com
204-944-5763

ADVERTISING SERVICES

Classified Advertising:
Monday to Friday: 8:00 a.m. – 4:00 p.m.
Phone: (204) 954-1415
Toll-free: 1-800-782-0794

DIRECTOR OF SALES Cory Bourdeaud'hui
cory@fbcpublishing.com
204-954-1414

NATIONAL ADVERTISING Jack Meli
jack.meli@fbcpublishing.com
647-823-2300

RETAIL ADVERTISING Terry McGarry
trmcgarr@mts.net
204-981-3730

ADVERTISING CO-ORDINATOR
Arlene Bombak
ads@fbcpublishing.com
204-944-5765

SUBSCRIPTION SERVICES

Toll-Free: 1-800-782-0794
U.S. Subscribers call: 1-204-944-5568
E-mail: subscription@fbcpublishing.com

SUBSCRIPTION RATES (GST Registration #85161 6185 RT0001)
Canada
12 months \$64.00 (incl. GST)
24 months \$107.00 (incl. GST)
36 months \$134.00 (incl. GST)

USA
12 months \$150.00 (US funds)

Publications Mail Agreement #40069240 ISSN 0025-2239

Canada

We acknowledge the financial support of the Government of Canada through the Canada Periodical Fund of the Department of Canadian Heritage.

Canadian Postmaster: Return undeliverable Canadian addresses (covers only) to: Circulation Dept., 1666 Dublin Ave., Winnipeg, MB. R3H 0H1

New winter wheat varieties for Manitoba farmers

Ken Gross is especially excited about AAC Gateway and he says more are coming

BY ALLAN DAWSON
Co-operator staff

There are great new winter wheats available to Manitoba farmers and more in the pipeline, says Ken Gross, an agronomist with Ducks Unlimited Canada and the Western Winter Wheat Initiative.

“(AAC) Gateway is my new favourite and I really like the way it looks,” Gross told the Crop Talk Westman webinar Aug. 31. “It has very good protein. I think this is a real winner for Manitoba... because it is such a good variety and well suited for Manitoba. I think it is going to take a lot of the acres away from traditional (CDC) Falcon areas. It has a yield bump over Falcon.

“I think you will see a lot more acres of Gateway in the future.”

Emerson is the most popular winter wheat in Manitoba with 134,000 acres covered by crop insurance this year, accounting for 65 per cent of the insured winter wheat acres.

CDC Falcon is second with 12 per cent, followed by AAC Gateway at 10 per cent.

But Gross predicts AAC Gateway will quickly gain ground.

Emerson is popular because it's the only winter wheat rated “R” or resistant to fusarium head blight, which hit growers hard two years ago, he said.

“That scared a lot of guys and I don't blame them for wanting to find a variety that could provide protection against that,” Gross said. “Emerson's winter hardiness is only (rated) ‘good.’ It is a taller variety. Although it is rated ‘very good’ for lodging I have seen it go down. The biggest gripe I have against Emerson, other than the height, is the fact that it doesn't quite have the same yield as Falcon.”

AAC Gateway's yield potential is



An August 29 seeding date (left) shows far greater development by mid-June when compared to a Sept. 29 seeding date (right). PHOTO: KEN GROSS, DUCKS UNLIMITED CANADA, WESTERN WINTER WHEAT INITIATIVE

two per cent above CDC Falcon. AAC Gateway is an inch taller than CDC Falcon. Both have the same winter hardiness rating — “fair.”

They share the same a “very good” rating for resistance to lodging “good” for resistance to stem and leaf rust. However, AAC Gateway is a milling wheat and CDC Falcon is not.

Gross said in Lethbridge, Alta. trials conducted this year, AAC Gateway's protein content was 13.8 per cent versus 12.3 and 11.5 per cent for Flourish and Radiant, respectively.

Crop insurance data shows last year Emerson averaged 79 bushels an acre in Manitoba, versus 71 for AAC Gateway.

Pintail and Wildfire could also be popular in Manitoba, Gross said. Both have good winter hardiness so could be attractive to farmers farther north, where sometimes winterkill can be a problem with winter wheat.

“It (Pintail) has got the highest winter hardiness of any winter wheat variety out there,” he said. “When you are seeding an organic crop you usually don't have any residue to trap snow in the fall,

so Pintail might be a pretty good option for you to look at under those circumstances. There are new winter wheat varieties with traits that can help you in different situations.”

Wildfire appears to have great yield potential in Alberta. Developed by Agriculture and Agri-Food Canada wheat breeder Rob Graf at Lethbridge, Wildfire outyields Radiant and Moats by 15 per cent. Gross said it's unclear how Wildfire will yield in Manitoba.

“Wildfire is the one I think will take over a lot of acres in the next few years,” Gross said.

“Wildfire is a little bit shorter than Emerson, but it still has a ‘good’ rating for fusarium. It has some of the good disease resistance that Manitoba producers are looking for. The only place it really falls down is on stem and leaf rust. It is not rated very well for that. But I think we can control that with fungicides because every producer I know always applies a fungicide at flag leaf and that should take care of that issue, but we will have to wait and see.”

There's lots of AAC Gateway

“I think you will see a lot more acres of (AAC) Gateway in the future.”

KEN GROSS

seed available this fall, but Wildfire won't be commercially available until 2017, Gross said.

In 2015 insured winter wheat acres fell 25 per cent to 134,000. Acres could increase this year thanks to an earlier canola harvest. Seeding winter wheat earlier is best, Gross said.

It will go into winter with bigger crowns and have a better chance of surviving the winter, he said.

“An earlier-seeded crop is going to be more competitive in the spring and is going to be a more uniform crop,” Gross said.

“You will probably avoid a fusarium issue if you seed early versus seeding later.

“And the slower you can seed the better. Use canola seeding speed, because you want to hit around the one-inch mark. When you start going too fast, especially with our topography, you get variable seeding depths.”

Gross also recommends treating winter weed seed, especially when planting late. It might not translate into more yield but it can result in better quality by helping produce a more even stand.

Upping the plant population is a cheap way to get a more uniform crop, Gross said.

“Traditionally guys go with around two bushels an acre,” he said. “I have seen benefits when you go to that 2-1/2 bushels an acre.”

The Western Winter Wheat Initiative website (<http://www.growwinterwheat.ca>) has information on determining the ideal plant population based on variety.

There are lots of reasons for growing winter wheat. Spreading the workload and throwing pests off balance are a couple. But the biggest reason is profitability, Gross said. Traditionally, winter wheat is one of Manitoba's most profitable crops. Inputs are lower than for some crops, while winter wheat yields 25 per cent (12 bushels an acre) more than spring wheats on average. Meanwhile, winter wheat protein levels have been rising.

“The winter wheat harvest is completed in the eastern region (of Manitoba) and their yield is very good and the protein levels are above 11 per cent, which is really good,” Gross said. “It is a lot easier to market your winter wheat when you hit that number.”

allan@fbcpublishing.com

Yield-boosting winter wheat research

Winter wheat already has a yield advantage but researchers think they could go even higher

BY ALLAN DAWSON
Co-operator staff

The Western Winter Wheat Initiative is working to boost winter wheat yields.

“We really want to push the yield on these new varieties,” says Ken Gross, an agronomist with Ducks Unlimited Canada and the Western Winter Wheat Initiative.

“These new varieties have more yield potential. And we really want to push the yield on these varieties to see how far they can go. But there are issues with that.”

One is pushing yield results in taller crops, which can then lodge, cutting yield and quality.

Trials with plant growth regulators show promise, Gross said.

“In the research trials I've seen they seem to have a four- to five-inch decrease in the height of winter wheat (when a plant growth regulator is applied)... and that can be quite significant in reducing your lodging.”

Intercropping is also being explored. In one trial a farmer planted winter wheat and vetch last fall and field peas this spring, Gross said. The winter wheat yield and peas yielded just 20 bushels an acre, but the farmer also harvested 150 to 200 pounds an acre of vetch seed at \$2 a pound. That along with low input costs made the mix a profitable option.

“Plus it's going to build up his soil,” Gross said.

Growing three crops in two years is also something Gross wants researched.



Three crops in two years may be a possibility. Researchers are harvesting canola in year one, then seeding winter wheat. In the spring they seed soybeans between the winter wheat rows. They then harvest the winter wheat, and wait until late October to harvest the soybeans.

PHOTO: KEN GROSS, DUCKS UNLIMITED CANADA, WESTERN WINTER WHEAT INITIATIVE

“It is being promoted in the States,” he said. “It is hard to know if that will work up in Canada. The idea is perhaps that in year one we could seed a canola crop in the spring and harvest it in the fall and seed winter wheat into it in the fall. In the second year you seed your soybeans right in between the rows of winter wheat and harvest your winter wheat and then the beans take off and you harvest them in October.”

The Western Winter Wheat Initiative is a collaboration between Bayer Crop Science, The Mosaic Company Foundation, Richardson International, and Ducks Unlimited. The purpose is to promote winter wheat as a highly productive crop option.

allan@fbcpublishing.com

CALL FOR PROPOSALS

Growing Innovation offers financial support to agri-innovators for on-farm research projects.

Manitoba Agriculture is issuing a call for proposals for:

Growing Innovation – On-Farm

Access the funding you need to test new agricultural practices or technologies on the farm at the local level that are intended to increase profitability, sustainability and competitiveness for Manitoba farms. Projects could receive up to \$50,000 in funding.

Who can apply

Agribusiness, including co-operatives, agriculture organizations, not-for-profit organizations and agriculture producers.

When to apply

Your application deadline is **October 1, 2016.**

Complete program information and application forms are available online at

www.manitoba.ca/agriculture

or by visiting your local Manitoba Agriculture GO Office.

Canada

Growing Forward 2
A federal-provincial-territorial initiative

Manitoba

OPINION/EDITORIAL

Quiet dedication



Gord Gilmour
Associate Editor

It was nearly 10 o'clock this past Tuesday evening, when my phone quietly buzzed, indicating an email had arrived.

Despite what countless mental health experts have to say about not obsessively checking your work email during non-work hours, I couldn't help but take a peek, as my curiosity got the better of me.

What I found was an article, and accompanying data charts, that summarized the MCVET winter cereals

trials conducted around the province, courtesy of one of the provincial extension specialists. She and a number of her colleagues have of late been burning the midnight oil to get the numbers out to growers early enough to aid them in variety selection for this fall (see the full article in this issue).

I couldn't help but pause and reflect on how this underlined the disconnect between public perception of civil servants and the reality — especially in the agriculture sector.

It's become a tired cliché, complaining about lazy government bureaucrats with their fat salaries, generous pension plans and light workloads. I've never quite understood why.

I've watched first hand for quite a few years, as the folks with the provincial Agriculture Department and others like them go about their business.

I can report there are a lot of people working there, and in the other public sector organizations allied with your industry, that care deeply about farmers, their families, communities and businesses.

There are no absolutes of course — a very wise former colleague of mine once pointed out, when I was complaining about something being overly bureaucratic while working for a completely unrelated organization, that "You should always remember the problem with any human organization is that it is populated by humans."

He was right. Humans have their foibles. Any group of people large enough will always contain the occasional bad apple, which of course is the one that's remembered, not the much larger group of people that quietly gets the job done.

Over the past 20 years, I've spent plenty of time with Manitoba Agriculture staff, and other public servants, such as professors at the University of Manitoba, who also contributed to the MCVET project, or Agriculture Canada researchers working on important agronomic questions. That time has been almost universally positive.

This is an industry, particularly at the producer level, that's made up of a whole bunch of small independent operators with interests that imperfectly overlap, and big issues that must be addressed. One avenue for this has been producer groups, but the important contribution of public servants can't be ignored. They frequently act as informal advocates on your behalf, an important but unheralded role in the complex machinery that is modern Canadian agriculture.

They've patiently explained complex topics to us all, they've organized very important extension meetings and, time and again, I've seen them go the extra mile to serve you and your industry. They do the important background tasks like gathering the market intelligence data which appears in this publication and other venues every week, putting impartial hard numbers to a vague sense of what markets are doing. They advocate on your behalf in public policy discussions, such as the upcoming farm safety net negotiations that will result in Growing Forward 3. They do knowledge-based research that can't be commercialized for profit by a private entity, but which gives you new and better ways to do your work, such as the zero-till production system.

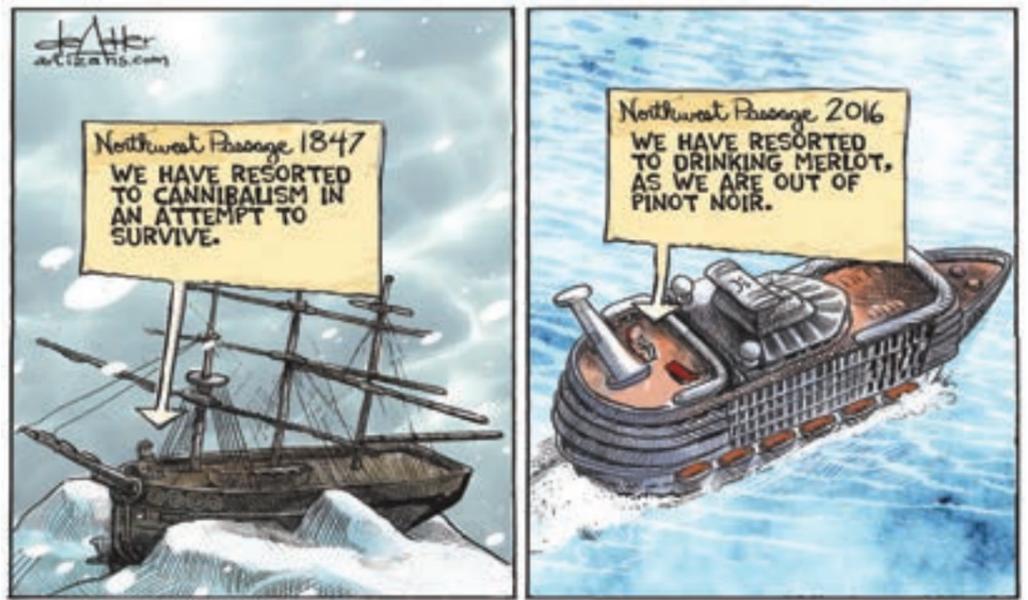
Like your business, this work doesn't hew to a nine-to-five schedule, and their lives reflect this reality. I've seen extension personnel and researchers make the same decisions you do about working long hours to complete seasonal tasks. They too frequently sacrifice free time and personal commitments to get the job done.

I'm sure there are many and varied reasons for this, but one of the most important is surely the nature of this business and the people attracted to it. Many come from farm backgrounds, either directly or not that far removed within their families. They understand, value and respect what you do, and that comes out very clearly in the quality of the work they do.

I suppose the worn-out stereotype of the out-of-touch bureaucrat provides a handy lightning rod for frustration, and makes for an easy target, but it's unfair to the dedicated people who do this work.

In an era where impartial information is getting ever harder to find, they and what they do should be valued and protected.

gord.gilmour@fbcpublishing.com



Farmland declines will continue

BY ANDREW SWENSON

NDSU

Three years ago I stated, "No one knows the future, but there is a good possibility that we have seen the last of the rising land-value reports for a while."

This was a strong statement, considering it was made a few weeks after an Aug. 2, 2013, U.S. Department of Agriculture report confirmed what surveys by the North Dakota Department of Trust Lands and the North Dakota Chapter of the American Society of Farm Managers and Rural Appraisers had indicated: Cropland values increased about 40 per cent during 2012.

My prediction of peaking land values was one year too early. North Dakota cropland values increased, depending on the survey, between nine and 17 per cent during 2013. However, during 2014, two of the three surveys indicated a one per cent drop in cropland values, while the other survey had a four per cent increase. For 2015, all surveys indicated a decline in the average value of North Dakota cropland ranging from negative four per cent, to negative nine per cent.

A further decline in North Dakota cropland values will occur for the 2016 year. Will land values decline in 2017? Probably, although markets can change abruptly.

In 2015, North Dakota farm profit plummeted to its lowest level since 1998. The North Dakota marketing year average price of spring wheat dropped from US\$8.19 per bushel in 2012 to US\$4.60 for 2015. Barring an unforeseen turnaround, it will be lower yet for the 2016 marketing year.

The percentage drop in corn prices has been greater than spring wheat. Relative to spring wheat and corn, soybean prices have declined the least, about 40 per cent from the marketing years of 2012 to 2015.

Out of necessity, farmers and their lenders are much more cautious in the land market. Sellers have had to temper their expectations, which were forged by a fourfold increase in cropland values since 2004.

The average working capital of farms enrolled in the North Dakota Farm Business Management Education program has declined by more than \$250,000 since 2012, and the 2015 income was not sufficient to cover term-debt principal and interest payments on more than one-half of the farms.

In 2016, North Dakota net farm income will be low, similar to 2015. There are some positives: stronger soybean prices, greater government payments and lower costs. However, due to losses in spring wheat and corn, only a modest increase in net farm income seems possible.

The closest historic comparison is the 1973 to 1981 bull land market and its aftermath. Current cropland values, after adjusting for inflation, are still 20 per cent higher than the high in 1979. After the nominal price peaked in 1981, cropland values declined 40 per cent before bottoming out in the 1987-88 period.

As long as interest rates stay low, it is unlikely that land values will collapse to the degree that occurred from 1981 to 1988. The question of if, when and how much interest rates will rise is highly debatable, but it is a risk cloud that hangs over the land market. Higher interest rates eat into farm profit and make it more difficult for producers to cash flow land purchases with debt capital.

Higher interest rates make certain fixed-return investments more competitive relative to land. Cropland profit per acre would have to increase and/or land values decline for land to remain attractive as an investment. Given current low commodity prices, cropland values would drop.

Andrew Swenson is a professor with NDSU's department of agribusiness and applied economics.

OUR HISTORY: September 1974

Still around after all these years — this ad from the Sept. 19, 1974 issue encouraged farmers to try Avadex for fall application. However, the then-recommended method of harrowing it in twice at 90-degree angles has certainly changed.

News about strikes affecting grain shipments were common in that era, but that issue's front page covered not one but three events. Grain handlers were striking at the West Coast, and eastern shipments were stalled by a dispute between lake vessel owners and deck officers. There were prospects of settling that dispute, but a new strike of seaway pilots had started the previous week.

The labour disruptions were partly due to workers concerned about wages keeping up with high inflation during the 1970s. In response to high food prices, the Pierre Trudeau government had appointed a Food Prices Review Board headed by Beryl Plumptre. Ms. Plumptre criticized high egg prices caused by actions of the Canadian Egg Marketing Agency (CEMA), putting her in a public dispute with Agriculture Minister Eugene Whelan, who called her comments "hogwash." This earned a public rebuke from fellow cabinet minister André Ouellette. Meanwhile, CEMA was in hot water due to reports that a further three million eggs had rotted in storage, and there were claims that the total could reach 200 million between August and October.

Avadex® BW granules in the fall can save time and uncertainty in the spring.

Apply Avadex® BW granules in the fall to your corn and soybean crops. This granular fertilizer is easy to apply and provides a steady release of nutrients throughout the growing season. It's the only granular fertilizer that can be applied in the fall and still provide the same benefits as a spring application. Avadex® BW granules are available in 100 lb and 50 lb bags. For more information, contact your local Avadex distributor or call 1-800-451-4511.



Scanned by CamScanner

Can McDonald's Happy Meal find a healthy balance?

An interesting idea to encourage children to get in shape in the wake of the Olympics completely backfired for the fast-food giant

BY SYLVAIN CHARLEBOIS
Dalhousie University

Despite the wonderful athletic performances at the Olympics – including Canada's many medals – the big winner in Rio was certainly the International Olympic Committee (IOC), through its mega sponsorship deals.

Over the years, well-known companies such as Coke and Kellogg's have poured millions into the IOC.

But the biggest name in food at the Olympics, year after year, is arguably McDonald's Restaurants. The fast-food giant's relationship with the Olympic movement goes back more than 40 years, beginning with the 1976 Summer Olympics in Montreal. Its current deal ends after the 2020 Tokyo Summer Olympics. The deal is apparently worth more than \$50 million per Olympics – and that's just for the right to use the famous Olympic symbol on its products.

The McDonald's-IOC association has been lucrative for both parties.

McDonald's is the world's largest toy distributor, through the millions of Happy Meals it sells every year. Since 1979 in Canada, stencils, 3D glasses, Frisbees, balls, posters, mini gardening tools and video games have been given away with Happy Meals. Most toys are associated with a movie or TV show, and are part of a collection. That draws parents and children back to collect the entire set.

Over the years, the toys have become more sophisticated.



PHOTO: WWW.ENGADGET.COM

This year, in the spirit of the games, McDonald's wanted to encourage kids to be active. So it arranged to give away Step-iT, a step counter made for children. The watch-like device was meant to allow kids to monitor their daily activities. However, children developed skin abrasions from wearing the counters and McDonald's had to issue a recall.

The interesting idea to encourage children to get into shape completely backfired for McDonald's.

The situation highlights the questionable morality of giving away toys to sell Happy Meals. It's not really advertising directly to children, which is forbidden in many places, including Quebec. But McDonald's focus on distributing toys, along with marketing food of questionable nutritional value, has made many uncomfortable for years.

Happy Meal represents about 20 per cent of McDonald's sales – more than 1.5 billion Happy Meals are sold worldwide every year. So continuing to give away toys is important to the company's bottom line. A few years ago, the City of San Francisco tried to ban toy giveaways. McDonald's outsmarted city council by selling the toys for a dime each.

But a look to social licensing suggests those days are numbered.

Social licensing is an organization's ability to operate with the confidence of stakeholders that its activities are morally and socially legitimate. Supply chain transparency, operational gender equality and environmental stewardship all fit in a description of social licensing.

It's surprising, then, that Happy Meals haven't garnered much more attention in recent years.

Somehow, McDonald's has maintained a social licence to distribute the toys.

That may soon change.

Chile, attempting to address childhood obesity, has forbidden McDonald's from giving away toys with Happy Meals. In some countries, McDonald's gives books with Happy Meals rather than toys. Digital books are also available.

Striking a balance between pleasing responsible parents and entertaining children is difficult, but not impossible. And let's face it, most McDonald's toys capture a child's imagination for only a few hours, if that. Some don't even make it to the car (the waste is another issue, then).

The moral contract between consumers and the food industry is constantly revisited. What was acceptable just a few years ago may not be anymore. It's easy to bet that the days of associating toys with fast food are numbered.

As a responsible company, McDonald's has made some interesting adjustments in recent years, but problems remain. Giveaways on the surface aren't a bad idea. Who doesn't like gifts?

McDonald's obviously used its latest Happy Meals giveaway as an attempt to improve society through childhood fitness, piggybacking on its Olympic relationship.

Its failure is a sign that society's standards are on the rise. Now McDonald's must match that social evolution.

Sylvain Charlebois is dean of the faculty of management and a professor in the faculty of agriculture at Dalhousie University.

There's no 'future' in the futures market

Supply-chain integration is making reliable and transparent price discovery all but impossible

BY ALAN GUEBERT
Farm and Food File

As the food industry continues to consolidate into fewer, bigger players, the price risk it once hedged in Chicago and New York futures markets is being pushed back onto the very farmers and ranchers it buys from.

The reason is simple: the Big Boys have the market power to do it.

After decades of Big Ag's talk about how farmers and ranchers needed to become part of an industrial "supply chain," so many are, in fact, now linked to that chain that local and regional cash markets — where sellers and buyers meet to establish prices — are becoming extinct.

That's the problem with chained producers: there just isn't enough unchained production left to ensure transparent markets.

The *Wall Street Journal* high-

lighted this change in an Aug. 16 story titled "Welcome to the 'Meat Casino!' The Cattle Futures Market Descends Into Chaos." The key problem, it explained, is that the "trading of physical cattle has become so scant that the futures market can't get the signals it needs to set prices."

American cowboys aren't the only ones to see their markets shot out from under them. On Aug. 29, the *Journal* published another eulogy of sorts for orange juice futures, the decades-long poster child for the high-risk world of commodity futures trading.

Today's thin OJ trading — it's down by more than two-thirds since 1997 — means that there "are too few (trades) to be of much use to producers or buyers hoping to hedge their exposure" in the market, noted the article.

The same goes for Chicago's famous pork belly futures. As Big Meat extended its reach all the way down to the farm through either direct owner-

"We call the one or two packers in our region, and we take what they give us. Then we start crying."

ship or contract production, meat packers stopped trading pork belly futures. They stopped because they didn't need to; they already owned the contracted hog and its price was locked in at birth. Belly futures died shortly thereafter, in July 2011.

A similar change has been underway in the cattle market for more than a decade. In 2005, explained the *Journal*, about 60 per cent of all cattle sold in the U.S. were sold in cash markets. The remainder was sold through either forward contracts, "formula" prices (with a cash price as

the basis of the "formula") or a "negotiated grid price."

Today, cash markets are less than 25 per cent of all sales while formula-priced cattle are now more than 50 per cent. The other two sales mechanisms, grid and forward contracts, haven't grown as much as formula pricing but continue to be used.

That means over 75 per cent of all U.S. cattle sales are now made outside any observable "cash" market.

That also means that hardly anyone in the marketplace — excluding the big meat packers who developed and use the "formula," grid, and forward contracting methods — has any idea what the value of any animal is because there's no cash market big enough anywhere on any day of any week for anyone to find out.

So how do cattlemen know what's a fair price when they sell cattle?

"We call the one or two packers in our region," a South Dakota cattle-feeding friend

related in an Aug. 30 telephone interview, "and we take what they give us. Then we start crying."

What else can they do? With no working cash markets anywhere, there can be no workable futures contracts elsewhere. Thus the CME Group Inc.'s (the former Chicago Mercantile Exchange) likely exit from the cattle futures business. It's just too risky — too "thin" — without any cash market underpinning it for even the wildest speculator to trade it.

That departure, however, virtually guarantees that independent cattlemen will be even more at the mercy of Big Meat. How, after all, can the big meat packers determine what to pay for their formula-, contract- and grid-purchased cattle if there's neither a cash nor futures market to set the price?

Oh, says my South Dakota friend, "They'll do what they've been doing for the last couple of years; they'll just make it up."

FROM PAGE ONE

CLEAN Continued from page 1

the public by stating its Nature Valley brand granola bars are “made with 100 per cent natural whole grain oats,” even though traces of glyphosate have been found in them, according to the anti-pesticide organization Beyond Pesticides.

Beyond Pesticides, along with Moms Across America and the Organic Consumers Association with The Richman Law Group, filed jointly a suit in Washington, D.C. under the District of Columbia’s Consumer Protection Procedures Act. The groups say since glyphosate is a synthetic herbicide, Nature Valley granola bars are not “natural.”

Glyphosate is registered for use pre-harvest on a number of crops in Canada, but farmers should check with buyers to see if they will buy crops where pre-harvest glyphosate has been applied, said Wade Sobkowich, executive of the Western Grains Elevator Association (WGEA), which represents Western Canada’s major grain companies.

“It is very important that people are informed about what they are using and what is accepted and what isn’t,” he said.

Where glyphosate is acceptable pre-harvest, it must be applied to physiologically mature crops, which in the case of wheat is when kernels in the least mature area of the field are 30 per cent moisture or less, Dahl said. The stem at the base of the head will have lost its green colour and a thumbnail imprint will remain in the kernel. At that stage the plant is no longer transferring starch



Cereals Canada president Cam Dahl wants farmers to “Keep it Clean” to protect grain markets. PHOTO: DANIEL WINTERS

and protein, or if it’s present, glyphosate, to the seed. After application wait seven to 14 days before harvesting.

Farmers delivering grain to WGEA-member companies must first sign an affidavit declaring they are complying with Plant Breeders’ Rights legislation and what they are delivering meets the class of grain it’s intended for. The affidavit also states farmers have not used quinclorac (Clever herbicide) on canola or chlormequat (Ma-

nipulator plant growth regulator) on cereals, he said.

China, Canada’s biggest export canola customer, has not approved quinclorac and therefore has no allowable maximum residue limit (MRL) for its presence on canola. And the United States has not approved chlormequat so it has no tolerance for residues in imported cereals.

In addition some WGEA-member companies have added other pesticide restrictions to what they buy.

“It is very important that producers check with the elevator with which they do business to identify ahead of time what grain they will be accepting based on what it has been treated with and what they won’t be accepting.”

WADE SOBKOWICH

“It is very important that producers check with the elevator with which they do business to identify ahead of time what grain they will be accepting, based on what it has been treated with, and what they won’t be accepting,” Sobkowich said.

Last year some WGEA member-companies did take crops treated with quinclorac and chlormequat, but segregated it in hopes of being able to sell it in certain markets and assist farmers.

“This year the WGEA members have individually decided that everybody should know about the quinclorac issue and everybody should know about the chlormequat issue,” Sobkowich said. “They will not accept canola treated with quinclorac and cereals treated with chlormequat.”

Canada’s grain customers aren’t just worried about pesticide residues. Naturally oc-

curing toxins are also trade disrupters, Dahl said. One is deoxynivalenol (DON), also known as vomitoxin, which can be produced by fusarium head blight in cereal crops. Canadian farmers and the grain industry do a good job of managing the infection, which occurs in the field, Dahl said.

Another is ochratoxin A, which develops after harvest while grain is in storage. In Canada it’s produced by a fungus called *Penicillium verrucosum*.

“Unlike fusarium head blight... ochratoxin A and the fungus that produces it cause no visible damage to grain and can’t be detected through visual inspection and grading,” the Canadian Grain Commission (CGC) website says.

Ochratoxin A is considered a carcinogen. It’s measured in parts per billion, “which is a very small number,” amounting to just a seed or two in a cargo, Dahl said.

“It’s something we monitor in Canada and I am confident in the Canadian record, but it’s something customers pay close attention to,” he added.

Farmers can prevent ochratoxin A by keeping stored grain temperature and moisture content low and aerating grain bins regularly, the CGC says.

Farmers should also grow, when possible, disease-resistant varieties and use agronomic practices to reduce the potential for disease developing in crops.

Get more information on “Keeping it Clean” at: <http://keepingitclean.ca>.

allan@fbcpublishing.com

Manitoba’s Controlled Crop Residue Burning Program

**Always Call
Before You Burn
1-800-265-1233**

Stubble burning restrictions

Manitoba’s crop residue burning regulation restricts daytime burning between August 1 and November 15. Burning at night is illegal. Burning within Burning Permit Areas requires a permit issued by Manitoba Sustainable Development.

If you do not comply, you may be fined as much as \$50,000.

If you must burn, be responsible

Before you burn straw, stubble or chaff this fall, call 1-800-265-1233 or visit manitoba.ca to find out whether burning is allowed in your area that day.

Burning is permitted only on days when the weather conditions allow for effective smoke dispersion.

It is essential that you make sure appropriate fireguards are in place during a burn and you must supervise your fires at all times.

Consider the alternatives

In most years, crop residue management practices can reduce or eliminate the need to burn. For more information, contact your local Manitoba Agriculture, Growing Opportunities Centre or visit manitoba.ca.

Manitoba

> Empty Pesticide Container Recycling Program

There are many reasons to rinse.

- #1 Only rinsed containers can be recycled
- #2 Helps keep collection sites clean
- #3 Use **all** the chemicals you purchase
- #4 Keeps collection sites safe for workers
- #5 Maintain your farm’s good reputation

No excuse not to!

{ For more information or to find a collection site near you visit cleanfarms.ca

CleanFARMS[®]

Now, take your empty fertilizer containers along for the ride!



Canola most sensitive to potential trade disruption

A long list of pesticide residues and other issues have the potential to derail canola exports

BY ALLAN DAWSON

Co-operator staff

Few Canadian crops rely on exports as much as canola so making sure they don't contain pesticides customers prohibit is critical to protecting markets, the Canola Council of Canada (CCC) says.

"Canada exports 90 per cent of the canola we produce, and shipments containing even the smallest amount of unacceptable residues or deregistered varieties can be rejected, causing millions of dollars in losses and placing future business at risk," the CCC says on its Keep it Clean website (<http://www.canolacouncil.org/crop-production/keep-it-clean/>).

"Don't spoil the bunch. Produce export-quality canola and protect Canada's reputation as a quality supplier by following these guidelines closely."

Here's some of what the CCC recommends:

Use acceptable pesticides only

Only apply pesticides registered for use on canola in Canada. Talk with your grain buyer before you spray to ensure the pesticides you're using are acceptable to your customers.

Do not use:

- **Accord, Facet, Clever** (Quinclorac) and Masterline Quinclorac. Western Grains Elevator Association-member companies and the Canadian Oilseed Processors Association will not accept delivery of canola grown and harvested in 2016 that has been treated with quinclorac.
- **Venture L and Fusion** Fluzifop-p-butyl is the active ingredient of grass herbicides Venture L and a component of Fusion. The United States has no tolerance levels established for fluzifop residues in canola.
- **Ronilan** Canola tolerances for vinclozolin (the active ingredient in Ronilan) are no longer in place for the United States. Any canola treated with Ronilan is no longer acceptable for shipment to the United States.

Consult your grain buyer before using:

- **Quash** Some grain companies have indicated they will not accept canola treated with metconazole (the active ingredient in Quash) in 2016. Consult your grain buyer.

Use pesticides correctly

- Follow the label. Stick to the pre-harvest interval (PHI). The PHI (or Spray to Swath Interval) is the number of days that must pass between the last application of a pesticide and swathing or straight combining.

Control blackleg

- Blackleg is initiated by spores from infected canola residue or stubble.



PHOTO: THINKSTOCK

- Plant only canola varieties rated R (resistant) or MR (moderately resistant). Rotate varieties to bring a mix of blackleg resistance. Plant certified treated seed.
- Scout fields regularly to help determine the effectiveness

of your blackleg management plan.

- Maintain a break between canola crops so crop residue can decompose. If blackleg is established, a minimum break of two to three years is recommended.

- Consider applying a fungicide if the disease shows up early.
- Control volunteer canola and other brassica weeds (stinkweed, shepherd's purse, wild mustard, flixweed) to prevent blackleg buildup during non-canola years.

Store canola properly

- Ensure storage bins are free of treated seed (which contains pesticides) and animal protein like blood and bone meal.
- Clean bins thoroughly prior to storing canola.
- Never use malathion to treat canola bins. Keep canola cool and dry to avoid spoilage and insect issues.

Do not grow deregistered varieties

- Signing the mandatory Dec-

laration of Eligibility affidavit at the elevator is a legal assertion that your canola is registered. If it isn't you can be held liable for the costs associated with contamination of a bin or shipment.

- Do not seed these deregistered varieties or any seed produced from them:
 - Roundup Ready Polish (B. RAPA): Hysyn 101RR;
 - Bromoxynil tolerant: 295BX, Armor BX, Cartier BX, Zodiac BX, Renegade BX;
 - Liberty Link (B. NAPUS): Exceed, 2631 LL, Swallow, SW Legion LL, SW Flare LL, LBD 2393 LL, Innovator, Independence, HCN 14, Phoenix, 3850, 2153, 3640, 3880, 2163, 2273.

allan@fbcpublishing.com

S007-Y4



Broadly Adapted Variety with High Yield Performance

- Superb standability for an easy harvest
- Early maturing variety with dependable emergence
- Very good *Phytophthora* root rot field tolerance with the Rps1c gene
- Canadian Prairies CHU: 2350
- Relative Maturity: 0.05



Purchase Syngenta soybeans for a chance to win a 2016 Can-Am® Defender HD8 XT Side x Side vehicle.

Visit Syngenta.ca/WinTheRideWest for full contest details.

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

syngenta®



For more information, visit Syngenta.ca, contact our Customer Interaction Centre at 1-87-SYNGENTA (1-877-964-3682) or follow @SyngentaCanada on Twitter and tweet us your questions using #AskSYN.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. The Alliance Frame, the Purpose Icon and the Syngenta logo are registered trademarks of a Syngenta Group Company. Roundup Ready® crops contain genes that confer tolerance to glyphosate, the active ingredient in Roundup® brand and Touchdown® brand agricultural herbicides. Roundup® brand and Touchdown® brand agricultural herbicides will kill crops that are not tolerant to glyphosate. Genuity and Design®, Genuity®, Roundup Ready 2 Yield®, Roundup Ready® and Roundup® are registered trademarks of Monsanto Technology LLC. Used under license. Follow grain marketing and all other stewardship directions. Details of these requirements can be found in the Syngenta Stewardship Agreement. Other trademarks are the property of their respective owners. © 2016 Syngenta.

GRAIN Continued from page 1

tonnes of grain, matching the previous crop year.

Terminal elevator shipments of 35.552 million tonnes were down just 0.6 per cent.

(Find the full report at <http://www.grainmonitor.ca>.)

"Now how long can we keep that up?" Hemmes said. "When the volumes (of 2016 grain) really start to hit us here in the next few weeks, it will be interesting to see how everybody reacts after sitting through a long three- or four-month lull."

In fact, had shipments not dropped off starting this May, 2015-16 grain movement would've exceeded last year's record, Hemmes said.

Meanwhile, farmers are currently harvesting what's believed to be another above-average crop, which could again test the system.

Took time

It took two crop years, but the mountains of grain that started with a record 77-million-tonne western Canadian crop in 2013 and was added to with big crops in 2014 and 2015, has been whittled down. Since May elevators have been sweeping out their bins. But before that the system was working flat out.

"We went for a 16-month-long frenetic pace," Hemmes said. "And that's what it took to clean up the 2013-14 problem. Now we will spend the next 10 years debating what was the cause of the 2013-14 problem. At the end of the day it was no one single thing."

"If we learned nothing else we should understand that it is guaranteed to happen again because we don't learn."



The 2015-16 crop year was another banner year for Canada's grain-handling and transportation system with grain movement almost matching last year's record. PHOTO: ALLAN DAWSON

Grain companies and farmers blamed the railways for not being prepared with surge capacity. The railways blamed the coldest winter in 100 years.

Hemmes said they're both right.

Record cold starting in November 2013 saw railway capacity drop by 35 to 40 per cent for seven or eight weeks in a row. It would have been "insane" for the railways to have surge capacity to fully offset it, he said.

"They would've been guaranteed to lose money — and a whole lot of money," Hemmes said.

The federal government is trying to find the balance between what shippers need and what the railways should provide.

"Given that, there is nothing

to say come November 1 this year we aren't in the same pickle depending on how much comes off fields," he said.

Bad weather was an issue in 2013, but Hemmes also acknowledges shipper complaints.

"The lack of preparedness, or resilience by the railways, is in large part because they don't have to worry about it because there isn't a competitive alternative," he said.

The good news is how well the system recovered, Hemmes said.

"It was an incredible volume that grain companies shipped and railways moved and we sold as a country," he said. "Instead of looking at it as a problem... we just showed what the system is capable of doing."

"It was kind of like a logistical utopia. The whole system worked really well all year. That's partly attributable to the fact that we had a nice winter. It was ideal."

MARK HEMMES

Railway service has improved, says Wade Sobkowich, executive director of the Western Grain Elevator Association, which represents the major grain companies. But it's because other rail traffic is down and there's a spotlight on railway performance.

"Until we remedy the core issue of railway market power any other solutions are really just band-aid solutions that eat around the edges of the fundamental issues that need to be corrected," he said in an interview Aug. 24. "Until we bring about legislation that requires the rail freight market to behave as if it were operating in a competitive market we will never solve the problem."

The railways counter that more regulations will make the system less efficient and discourage investment.

The system is more efficient than it used to be, Hemmes said.

"A typical car cycle when I left the railway (in 1999) was 20 or 21 days and now we are down to 13 or 14."

Eighty- and 100-car trains were once considered long, now 112 is the norm and the railways are going to 135.

Other report highlights include:

- The for vessel-time-in-port was 7.9 days, a 22.5 per cent reduction from last crop year.
- The number of country elevators rose 3.5 per cent to 383 from 370, increasing storage capacity seven per cent to more than 7.8 million tonnes.
- Average primary elevation charges declined 1.6 per cent. Hemmes attributes it to increased competition. However, average terminal charges increased 2.2 per cent.

After a three-year streak of big crops and above-average throughput, it could all happen again this crop year, Hemmes said. Statistics Canada and others are forecasting a bumper crop.

Hemmes also said there's little doubt the problem will recur, pointing to the fact it's the fourth year in a row of large crops.

"I think we are looking at a new normal now," he said.

But he also noted the system has improved.

"If we could move that much, could we move 80 million tonnes or could we move 90 million? I have a good feeling, that as much bad stuff has come out of the last couple of years with all the finger pointing, I think it has probably made the system better and more resilient," he said.

"But now we have to start thinking about the next plateau and what will it be and when will it come?"

allan@fbcpublishing.com



GREAT FARM SERVICE IS NEVER FAR AWAY.

At OK Tire, we know there's more to life than your fields. That's why we service what we sell, and offer a full range of tires for tractors, combines, wagons, implements, even ATV's. We keep you moving, leaving you more time to enjoy the other important parts of your life.

For the latest specials, visit your local OK Tire or oktire.com



WHAT'S UP

China delays new canola rules in late reprieve

The delay is only temporary, Chinese officials warn Canada

BY BEN BLANCHARD
BEIJING/Reuters

China agreed Aug. 31 to delay introducing stricter rules on canola shipments from Canada while both countries work to end a months-long trade spat, offering an eleventh-hour temporary reprieve for Canada's farmers.

One day before the new standard was due to go into force, Canadian Prime Minister Justin Trudeau and Chinese Premier Li Keqiang said Canada would be able to continue with the current canola export regime, while a longer-term solution is worked out.

China is Canada's top export market for the oilseed, and Ottawa has taken a strong line in talks on a new standard, which may raise costs for exporters.

The delay may be seen as

"The market has to accept the fact that there's a risk this thing could pop up at us again."

KEN BALL
PI Financial canola trader

a victory for Trudeau, as the import dispute has taken centre stage during his China visit.

China has said tougher import rules were necessary to prevent the spread of blackleg disease from Canadian canola into Chinese rapeseed, another name for the crop.

"China has no intention of keeping its doors closed to other exporters," Li told a joint news conference with Trudeau.

"But it's also true that Chinese canola producers have their own worries, hop-

ing that imported canola will not carry with it any disease. Chinese consumers also have that issue on their mind," Li added.

Both sides should be flexible, he said.

China had planned to reduce the amount of foreign matter allowed per shipment to no more than 1.0 per cent from 2.5 per cent.

ICE Canada canola futures for November delivery rose two per cent on the news.

Even so, uncertainty remains about how long China will delay imposing its tougher standard, said PI

Financial broker Ken Ball, who trades canola futures in Winnipeg.

"The market has to accept the fact that there's a risk this thing could pop up at us again," he said.

A Canadian canola trader who was not authorized to speak publicly said it is unlikely additional shipments will be made until China's position is clearer.

Negotiating teams from both countries were meeting in Beijing, Trade Minister Chrystia Freeland said.

"We are now working on achieving a long-term agreement on terms of Canadian canola shipments and... we are working to achieve that in the coming days and weeks," she said.

Li also said both countries had agreed to start feasibility talks on a free trade pact at an early date, although Trudeau made no mention of this to reporters.

Please forward your agricultural events to daveb@fbcpublishing.com or call 204-944-5762.

Sept. 9-11: Double B Agricultural Festival, Beausejour. Call 204-205-0723 or email doublebrodeao@highspeedcrow.ca.

Sept. 15: Free First Aid for Horses Clinic with Dr. Dave Snell, 7 p.m., Poco-Razz Farm, 130 Greenview Rd., Winnipeg. For more info or to register (required) call 204-255-4717.

Sept. 16-18: Harvest Moon Festival, Clearwater. Visit www.harvestmoonfestival.ca.

Sept. 18: Open Farm Day, hosted by the Manitoba Association of Agricultural Societies. For info on host sites, hours and activities, visit www.openfarmday.ca.

Sept. 18-21: ABIC 2016: Agricultural Bioscience International Conference, FargoDome, 1800 N. University Dr., Fargo, N.D. For more info visit abic2016.com.

Sept. 23: Organic Week event, University of Manitoba Glenlea Research Station, Highway 75, Glenlea. Tickets \$20. For more info or to register call 204-883-2524 or visit Bruce D. Campbell Farm & Food Discovery Centre.

Sept. 23-25: Scarecrow Days, Souris. Visit www.sourismanitoba.com.

Sept. 24: Teulon Pumpkinfest. Call 204-467-9064 or visit www.teulonpumpkinfest.com.

Sept. 26-28: International One Welfare Conference, Radisson Hotel Winnipeg Downtown, 288 Portage Ave., Winnipeg. For more info visit onewelfareconference.ca.

Sept. 30-Oct. 1: Manitoba Fibre Festival, Red River Exhibition Park, 3977 Portage Ave., Winnipeg. Call 204-888-6990 or visit manitobafibrefestival.com.

Oct. 1: Roland Pumpkin Fair. Call 204-343-2314 or email artccam@gmail.com.

Oct. 4-6: Canadian Agricultural Safety Association annual conference, Rodd Charlottetown, 75 Kent St., Charlottetown, P.E.I. For more info visit conference.casacsa.ca.

Oct. 15: Manitoba Rural Women's Day, Rivers. Location and time TBA. More info to come at mbwi.ca.

Oct. 25-27: Canola Discovery Forum, Fairmont Winnipeg, 2 Lombard Place, Winnipeg. For more info or to register visit www.canolacouncil.org/what-we-do/upcoming-events/.

Oct. 27: Red River Ex/Manitoba Agricultural Hall of Fame Harvest Gala Dinner, Victoria Inn, 1808 Wellington Ave., Winnipeg. For more info email foundation@redriverex.com or call 204-888-6990.

Oct. 29: Manitoba Rural Women's Day, Dugald. Location and time TBA. More info to come at mbwi.ca.

Oct. 27-29: Manitoba Ag Ex, Keystone Centre, Brandon. Call 204-726-3590 or visit www.provincialexhibition.com.

Nov. 3-5: Organic Connections 2016 conference and trade show, Conexus Arts Centre, 200 Lakeshore Dr., Regina. For info visit www.organicconnections.ca.

Nov. 10: Canadian Association of Farm Advisors (CAFA) Farm Succession Update, Heritage Centre, 100 Heritage Trail, Niverville. For more info or to register (required) call 1-877-474-2871 or visit www.cafanet.ca/farm-succession-registration-niverville/.



BUILT TO HANDLE TRASH IN HIGH RESIDUE CROPS

VISIT WWW.FARM-KING.COM FOR MORE INFORMATION OR VISIT YOUR LOCAL FARM KING DEALER.

FARM KING TANDEM DISCS ARE BUILT TO HANDLE TRASH AND INCORPORATE HEAVY RESIDUE. Utilizing a one of a kind floating hitch, Farm King tandem discs leave a more level finish when compared to competitive units. Farm King discs are also built using the best bearings in the industry, so you stay in the field until the job is done. Farm King offers a full line of offset and tandem discs, in addition to a line of cultivators, chisel plows and chisel cultivators.



Farm King

WWW.FARM-KING.COM

LIVESTOCK MARKETS

Numbers below are reprinted from September 1 issue.

EXCHANGES:
AUGUST 26, 2016

\$1 Cdn: \$0.7723 U.S.
\$1 U.S: \$1.2947 Cdn.



Cattle Prices

(Friday to Thursday) **Winnipeg** August 26, 2016

SLAUGHTER CATTLE	
Steers	—
Heifers	—
D1, 2 Cows	—
D3 Cows	—
Bulls	—

FEEDER CATTLE (Price ranges for feeders refer to top-quality animals only)	
Steers	—
(901+ lbs.)	—
(801-900 lbs.)	—
(701-800 lbs.)	—
(601-700 lbs.)	—
(501-600 lbs.)	—
(401-500 lbs.)	—
Heifers	Not Available
(901+ lbs.)	This Week
(801-900 lbs.)	—
(701-800 lbs.)	—
(601-700 lbs.)	—
(501-600 lbs.)	—
(401-500 lbs.)	—

SLAUGHTER CATTLE	(\$/cwt)	Alberta South	Ontario
Grade A Steers (1,000+ lbs.)	\$	-	\$ 131.47 - 142.28
Grade A Heifers (850+ lbs.)			121.25 - 139.76
D1, 2 Cows		93.00 - 108.00	67.15 - 94.58
D3 Cows		70.00 - 96.00	67.15 - 94.58
Bulls			97.90 - 122.09
Steers	(901+ lbs.)	\$ 165.00 - 181.00	\$ 151.41 - 177.08
(801-900 lbs.)		175.00 - 191.00	148.03 - 183.37
(701-800 lbs.)		185.00 - 200.00	144.31 - 187.70
(601-700 lbs.)		185.00 - 205.00	142.49 - 187.94
(501-600 lbs.)		188.00 - 210.00	165.14 - 213.25
(401-500 lbs.)		195.00 - 220.00	172.23 - 219.95
Heifers	(901+ lbs.)	\$ 150.00 - 166.00	\$ 140.74 - 155.63
(801-900 lbs.)		160.00 - 173.00	141.67 - 162.08
(701-800 lbs.)		165.00 - 180.00	141.22 - 168.23
(601-700 lbs.)		168.00 - 190.00	137.97 - 176.51
(501-600 lbs.)		170.00 - 195.00	148.17 - 197.41
(401-500 lbs.)		170.00 - 198.00	153.92 - 188.68

Futures (August 26, 2016) in U.S.					
Fed Cattle	Close	Change	Feeder Cattle	Close	Change
August 2016	112.48	-1.10	August 2016	146.73	1.70
October 2016	108.53	-2.05	September 2016	141.80	-1.35
December 2016	109.95	-2.10	October 2016	138.10	-2.53
February 2017	109.78	-2.27	November 2016	134.85	-2.75
April 2017	108.58	-2.30	January 2017	130.70	-2.40
June 2017	102.10	-2.30	March 2017	129.53	-1.13

Cattle Slaughter			Cattle Grades (Canada)		
	Week Ending August 26, 2016	Previous Year		Week Ending August 26, 2016	Previous Year
Canada	60,312	54,227	Prime	918	838
East	12,204	11,647	AAA	32,788	28,870
West	48,108	42,580	AA	17,890	14,881
Manitoba	NA	NA	A	996	588
U.S.	599,000	545,000	B	1,121	1,388
			D	5,615	6,912
			E	353	375

Hog Prices

(Friday to Thursday) (\$/100 kg) **Source: Manitoba Agriculture**

MB. (\$/hog)	Current Week	Last Week	Last Year (Index 100)
MB (All wts.) (Fri-Thurs.)	172E	173.27	191.56
MB (Index 100) (Fri-Thurs.)	159E	160.33	177.71
ON (Index 100) (Mon.-Thurs.)	156.42	155.96	188.41
PQ (Index 100) (Mon.-Fri.)	159.49	160.39	191.92

Futures (August 26, 2016) in U.S.		
HOGS	Close	Change
October 2016	58.70	- 2.00
December 2016	54.48	- 1.98
February 2017	59.35	- 1.70
April 2017	64.85	- 1.55
May 2017	64.13	- 0.70

Other Market Prices

Sheep and Lambs			
	Winnipeg	Toronto	SunGold
\$/cwt	Wooled Fats		Specialty Meats
Ewes Choice	—	110.40 - 148.35	—
Lambs (110+ lb.)	—	180.43 - 204.68	—
(95 - 109 lb.)	—	216.56 - 231.89	—
(80 - 94 lb.)	—	217.17 - 246.72	—
(Under 80 lb.)	—	150.49 - 255.26	—
(New crop)	—	—	—

Chickens		Eggs	
Minimum broiler prices as of April 13, 2010			
Under 1.2 kg	\$1,5130	Minimum prices to producers for ungraded eggs, f.o.b. egg grading station, set by the Manitoba Egg Producers Marketing Board effective November 10, 2013.	
1.2 - 1.65 kg	\$1,3230		
1.65 - 2.1 kg	\$1,3830		
2.1 - 2.6 kg	\$1,3230		

Turkeys		Goats	
Minimum prices as of September 4, 2016			
Broiler Turkeys (6.2 kg or under, live weight truck load average)			
Grade A	\$1,975		
Undergrade	\$1,885		
Hen Turkeys (between 6.2 and 8.5 kg liveweight truck load average)			
Grade A	\$1,965		
Undergrade	\$1,865		
Light Tom/Heavy Hen Turkeys (between 8.5 and 10.8 kg liveweight truck load average)			
Grade A	\$1,965		
Undergrade	\$1,865		
Tom Turkeys (10.8 and 13.3 kg, live weight truck load average)			
Grade A	\$1,920		
Undergrade	\$1,835		
Prices are quoted f.o.b. producers premise.			

COLUMN

Expect delays in fall run due to healthy pastures

Retail prices for beef are seen beginning to soften

JADE MARKUS
CNSC



"It's been a very frustrating week and it all deals with more supply coming."

ANNE WASKO
Gateway Livestock Exchange

Cattle prices at auction marts across Manitoba held mostly steady on the week, in sluggish trade ahead of what's expected to be a delayed fall run.

"We only had a couple of heads this week," said Dave Nickel of Gladstone Auction Mart. "But right now, the cows are steady."

Seasonal slowness has caused lower volumes, but an ample feed situation is amplifying the issue, and could mean producers will wait longer to market their cattle.

"It'll take a little while for the cattle to start moving," Nickel said.

Producers are likely to put more weight on their cattle or delay selling until later this year, as pastures are mostly good across Western Canada, said Brian Perillat of CanFax, a marketing division of the Canadian Cattlemen's Association.

Cheaper feed will help ranchers somewhat with profitability, but that won't be enough to offset a general sense of negativity in the futures market, he added.

Anne Wasko of Gateway Livestock Exchange at Taber, Alta. echoed that sentiment. "It's always a positive when feed costs go down, but we've got a market going down, so I don't know what the margin scenario is going to look like," she said.

Canadian cattle prices are in a bear market, feeling pressure from south of the border.

Increasing protein supplies in the U.S. have caused Chicago Mercantile Exchange (CME) cattle futures to move lower.

"It's all rooted around increasing supplies,

beef, pork and poultry, and that's continued to put pressure on the deferred contracts in the CME," Wasko said.

The market, trying to establish a bottom, surpassed lows seen in July, she said.

"It's been a very frustrating week and it all deals with more supply coming."

Demand was average to below average throughout the summer, which has left a lot of beef in the system, which is especially bearish as the market moves forward with increased supplies.

Retail prices have started to soften, but haven't adjusted as low as the cattle markets, which has curbed demand for beef to an extent, Perillat said.

"Realistically, demand hasn't been too bad; retail prices are still fairly high and we are still moving product," he said.

Manitoba ranchers have a demand advantage, being geographically closer to Ontario, as the province has expressed increased interest in buying cattle, he added.

Many Manitoba auction marts will be closed next week due to the Labour Day holiday.

"Then after that we should be going, and we'll get a better indication of where this market is," Nickel said.

Jade Markus writes for Commodity News Service Canada, a Winnipeg company specializing in grain and commodity market reporting.

BRIEFS

Depressed prices for U.S. feeder pigs signal troubled hog market

BY THEOPOLIS WATERS
CHICAGO/Reuters

U.S. hog farms, devastated by a swine virus three years ago, have rebuilt their herds to record levels, an accomplishment that has brought equally formidable problems.

The value of young feeder pigs weighing 10 to 12 pounds, the building block of the U.S. pork sector, has plunged by nearly three-quarters this year, according to U.S. Department of Agriculture data.

This is the latest pain point for a sector that has struggled to bounce back from the por-

cine epidemic diarrhea virus outbreak, which has killed an estimated eight million pigs since May 2013.

Cheaper grain prices, including a 60 per cent plunge for corn since 2012, also convinced farmers to increase their herds, according to federal data.

But others were also rebuilding, said Iowa State University economist Lee Schulz. Canadian feeder pig imports to the United States are up more than eight per cent so far this year, he noted.

Livestock analysts said packers might be turning their eyes north to take advantage of the strong U.S. dollar.

Competition from other U.S. protein producers also has eroded the pork farmers' gains. Bigger cattle herds and

poultry flocks in recent years began to vie for retailer and consumer dollars, industry analysts said.

That heated competition has been eroding slaughter hog prices since early July, which in turn trimmed farmers' profits. As a result, producers looking to add to their herds started to shy away from buying young pigs.

Another warning sign: Farmers may have rushed animals to market ahead of schedule, which may have contributed to weaker hog and piglet prices, consultant Len Steiner recently wrote in his *Daily Livestock Report* newsletter.

The declines could not occur at a worse time for hog farmers, as the U.S. summer grilling season is nearing its close.

Looking for results? Check out the market reports from livestock auctions around the province. » PAGE 14

Numbers below are reprinted
from September 1 issue.

GRAIN MARKETS

COLUMN

China's delay on dockage boosts canola futures

Expectations for this year's crop still drag on values

PHIL-FRANZ WARKENTIN
CNSC



ICE Futures Canada canola contracts managed to strengthen during the week ended Sept. 2, as news that China would delay imposing stricter dockage allowances gave the market a boost. However, harvest pressure and a big U.S. soybean crop should keep prices from climbing much more.

China is the largest customer for Canadian canola exports, and the country had been set to implement new rules on Sept. 1 that would lower the amount of dockage accepted in canola imports from 2.5 per cent to one per cent. That looming deadline had weighed on futures prices, but has now been postponed as the two countries are reportedly working on reaching a longer-term solution.

The deadline, coincidentally or not, happened to line up with a trade mission by Canadian Prime Minister Justin Trudeau to China. The Coles Notes version of international canola trade briefly made it to the mainstream news and the last-minute deal to delay the dockage restrictions was heralded as a "win" for Canada.

However, there are still more questions than answers when it comes to this situation. On the China side, was there really any concern about blackleg, as claimed, or was this whole thing more a matter of lowering prices?

For Canada's part, how hard is it really to reach one per cent? Many farmers claim that they are already delivering canola well below the 2.5 per cent cut-off, with grain compa-

nies then allegedly mixing in whatever cheap grain they have laying around to boost their profits.

A 50,000-tonne canola shipment with 2.5 per cent dockage works out to 1,250 tonnes of "not-canola," or about half a million dollars.

Looking past China, the more pressing nearby focus is the harvest, as export demand is of little importance if there's nothing to sell. Delays are a given at this time of year, and may prop up prices on a short-term basis, but most industry participants remain of the opinion that there will be a very large Canadian canola crop in 2016-17.

The size of the U.S. soybean crop is even more bearish for oilseeds in general, and beans moved lower over the course of the week ended Sept. 2. Some major nearby chart support levels were also breached, leaving the door open for additional losses, especially as the bulk of the U.S. soybean harvest is still to come.

Big crop prospects and great growing weather were also the story of the week in corn, with prices hitting fresh contract lows. However, ideas that the market is looking oversold, along with end-user bargain hunting, may limit further losses there.

U.S. wheat prices dropped to some of their lowest levels in 10 years during the week, with ample world supplies and a rising U.S. dollar weighing on prices. However, just as in corn, a nearby floor may have been reached and values were starting to show some stability as traders squared up positions ahead of the long weekend.

Phil Franz-Warkentin writes for Commodity News Service Canada, a Winnipeg company specializing in grain and commodity market reporting.

For three-times-daily market reports and more from Commodity News Service Canada, visit the Markets section at www.manitobacooperator.ca.

Manitoba Elevator Prices

Average quotes as of August 25, 2016 (\$/tonne)

	Future	Basis	Cash
E. Manitoba wheat	181.06	26.20	207.26
W. Manitoba wheat	181.06	19.74	200.80
E. Manitoba canola	459.70	-36.45	423.25
W. Manitoba canola	459.70	-38.07	421.63

Source: pdqinfo.ca

Port Prices

As of Friday, August 19, 2016 (\$/tonne)

	Last Week	Weekly Change
U.S. hard red winter 12% Houston	144.12	-10.66
U.S. spring wheat 14% Portland	213.11	-15.89
Canola Thunder Bay	456.60	-6.90
Canola Vancouver	489.60	-8.90

Closing Futures Prices

As of Thursday, August 18, 2016 (\$/tonne)

	Last Week	Weekly Change
ICE canola	459.60	-8.90
ICE milling wheat	211.00	-8.00
ICE barley	138.00	0.00
Mpls. HRS wheat	185.37	-8.54
Chicago SRW wheat	155.70	-1.19
Kansas City HRW wheat	158.83	4.13
Corn	130.70	0.00
Oats	122.55	12.32
Soybeans	358.44	-20.85
Soymeal	354.07	-14.44
Soyoil	728.53	-25.36

Cash Prices Winnipeg

As of Thursday, August 18, 2016 (\$/tonne)

	Last Week	Weekly Change
Feed wheat	n/a	n/a
Feed barley	135.49	0.92
Rye	n/a	n/a
Flaxseed	448.80	-3.15
Feed peas	n/a	n/a
Oats	162.75	0.65
Soybeans	396.47	-8.82
Sunflower (NuSun) Fargo, ND (\$U.S./CWT)	18.50	n/a
Sunflower (Confection) Fargo, ND (\$U.S./CWT)	Ask	Ask

Prairie wheat bids steady overall after choppy week

Cash prices mirrored the action in Chicago and Minneapolis

BY PHIL FRANZ-WARKENTIN
CNS Canada

Spring wheat cash bids across Western Canada moved down at one point during the week ended Sept. 2, but clawed back toward unchanged as the week progressed, to finish slightly ahead of where they were seven days earlier as the markets mirrored activity in the U.S. futures.

Depending on the location, average Canada Western Red Spring (CWRS) wheat prices were up \$1 to down \$1 per tonne compared to the previous week, according to price quotes from a cross-section of delivery points across the Prairie provinces compiled by PDQ (Price and Data Quotes). Average prices ranged from about \$199 per tonne in Saskatchewan's

Average CWRS wheat prices were up \$1 to down \$1 per tonne compared to the previous week.

southeast to as high as \$211 in southern parts of Alberta.

Quoted basis levels varied from location to location, but held reasonably steady to range from about \$18 to \$30 per tonne above the futures when using the grain company methodology of quoting the basis as the difference between U.S. dollar-denominated futures and Canadian dollar cash bids.

When accounting for currency exchange rates by adjusting Canadian prices to U.S. dollars, CWRS bids ranged from US\$153 to US\$162 per tonne. That would put the currency-adjusted basis

levels at about US\$18 to US\$27 below the futures.

Looking at it the other way around, if the Minneapolis futures are converted to Canadian dollars, CWRS basis levels across Western Canada range from \$23 to \$35 below the futures.

Bids for Canada Prairie Spring Red (CPSR) wheat reported by PDQ were also relatively unchanged compared to the previous week. Average CPSR prices came in at about \$156-\$169 per tonne in Saskatchewan and Alberta.

Average durum prices were steady to slightly higher, with bids in

Saskatchewan coming in at about \$245 per tonne.

The December spring wheat contract in Minneapolis, off of which most CWRS contracts in Canada are based, was quoted Sept. 2 at US\$4.915 per bushel, down about 1.25 U.S. cents per bushel from the previous week.

Kansas City hard red winter wheat futures, traded in Chicago, are more closely linked to CPSR in Canada. The December K.C. wheat contract was quoted at US\$4.1325 per bushel on Sept. 2, down about 3.5 U.S. cents compared to the previous week.

The December Chicago Board of Trade soft wheat contract settled Sept. 2 at US\$3.9925, down by about 8.24 U.S. cents on the week.

The Canadian dollar was trading Sept. 2 at 76.93 U.S. cents, steady compared to the previous week.

LIVESTOCK

HUSBANDRY — THE SCIENCE, SKILL OR ART OF FARMING

Young cattle producers wanted

Young producers are critical in the province's goal of upping cattle numbers and the Young Cattlemen's Council hopes to help meet that goal

BY JENNIFER PAIGE
Co-operator staff / Brandon

The key to rebuilding Manitoba's cattle herd is going to be rebuilding its cohort of young beef producers.

Brett McRae, whose family's Mar Mac Farms near Brandon features a 200-head purebred Angus and Simmental herd, also heads up the Young Cattlemen's Council, a subsidiary of the Canadian Cattlemen's Association. He hopes that organization can help get younger producers engaged.

"As a young producer involved in YCC it really allows you to see what is going on beyond your own farm's gates," McRae said. "You get to see what your checkoff dollars are used for, insight into trade deals and updates on research initiatives. I think that it is really important for young producers to be in touch with this side of the industry."

YCC is a national collective that links members of the cattle industry aged 18 to 35 with industry news, policy and sector organizations.

Why is rebuilding cattle numbers important? Because they've never really recovered from the hit they took from the BSE crisis and ensuing years of low prices. It was one of the first issues Ralph Eichler, the province's agriculture minister and a former cattle producer, talked about following his appointment this past May.

"When I look at our numbers we were at about 750,000 at our high, when we had our best beef numbers. Our cows now are down to just over 400,000," Eichler said during a tour of the Manitoba Beef and Forage Initiative farm earlier this summer. "We want to see that grow and get back to where we were prior to BSE and we need to encourage young farmers to be involved in that."

Despite this acknowledgment however, the province has not yet outlined any new initiatives directed toward young cattle producers. Eichler says there are things the government could do to ease young producers into the sector and thereby contribute to rebuilding the herd.

"There are things that we can do as government to help young people get involved," Eichler said. "We could look at financial incentives, and there are some now, but not at the extent where I think they need to be, in particular for the beef sector."



YCC board members (l to r): Kolton Kauser, Alberta delegate, Julian Collette, Maritimes delegate, Ryan Scorgie, member at large, Jason Reid, vice-president and Ontario delegate, Laura Bodell, member at large, Erika Strande, B.C. delegate, Brett McRae, president and Manitoba delegate, Shane Klepak, Saskatchewan delegate, Emily Ritchie, member at large. PHOTO: YCC

That's music to McRae's ears, but he hastens to add those solutions shouldn't be proscriptive and should consult the producers they're intending to help.

"When discussions and resolutions are taking place we need to have young cattle producers in that conversation because they are the future of the industry and we need to have their concerns heard," McRae said.

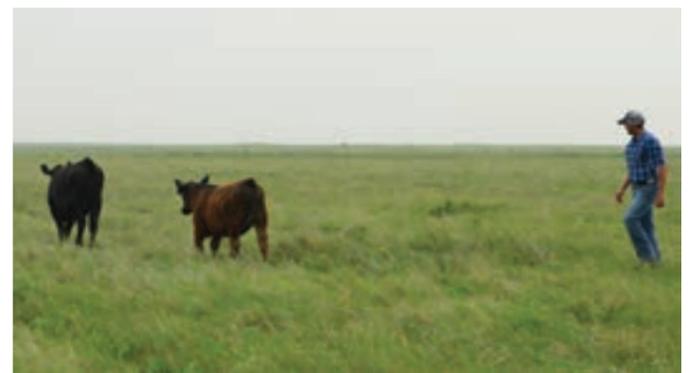
Towards that end, YCC board members are working towards building stronger relationships with organizations in each province, McRae said.

"In Manitoba, we want to have a better working relationship with the Manitoba Beef Producers. We want to provide value to them so that they have a better connection with the young and up-and-coming beef producers in the province and then together we can find innovative ways to increase cattle numbers," McRae said.

YCC consists of six provincial representatives and three elected directors who participate in industry events and hold a seat around CCA's various committee tables.



Ralph Eichler, minister of agriculture. PHOTO: JENNIFER PAIGE



Brett McRae, president and Manitoba delegate for the Young Cattlemen's Council. PHOTO: JENNIFER PAIGE

Besides staying abreast to the industry's latest, being a member of YCC also provides a venue for networking.

"The networking opportunity here is huge. That is the biggest benefit," McRae said. "We want to provide the opportunity to get around like-minded people who are innovative and progressive in the beef industry so that you can be on the real cutting edge of what is going on, what is new, and what other producers are doing that is successful."

The YCC board hopes to increase its membership across the country in order to

strengthen the voice of young producers when it comes to resolutions and policy development.

"For our general membership, we try to be the conduit of information between CCA and young cattle producers, as well as taking the opinions and views of the young cattle producers back to the CCA, so that when they are developing policy they can develop that with the future in mind," McRae said.

Appropriate to the demographic, YCC is also highly active on all the available social media channels.

"We have a Twitter account

and a YCC Facebook discussion page where we will post information about recent issues or new research and we invite discussion around that," McRae said. "When the whole Earls debate was going on, when it had released its marketing strategy back in the spring, our discussion page was very active on how we can better promote Canadian beef and what we should be doing to work better with companies like Earls."

McRae added that free membership is open to beef producers between 18 and 35.

jennifer.paige@fbcpublishing.com

Manitoba Beef Producers' bursaries awarded

STAFF

Six students have been awarded Manitoba Beef Producers' (MBP) bursaries for the upcoming school year.

Each year MBP offers six \$500 bursaries to members, or the children of members, who are attending university, college or other post-secondary institutions. Students pursuing trades training are also eligible.

Preference is given to students who are pursuing a field of study related to agriculture or those acquiring a skilled trade that would benefit the rural economy.

"Ensuring that our rural communities have the services and trades they need to thrive is of utmost importance to MBP," said president Heinz Reimer. "A number of our past bursary recipients have gone on to careers in rural Manitoba and are making significant contributions to their respective communities. We are pleased to play a small role in helping these students reach their goals."

The students were asked to submit a short essay on what the beef industry means to them, their family, community and Manitoba at large. Students were also asked to include the reasons they enjoy being involved in agriculture. The winning essays will be published in the September issue of *Cattle Country*.

The six recipients of the MBP bursaries for 2016 are:

- Marianne Sytnyk, Oakburn;
- Dawson Proctor, Woodlands;
- Emily Barteaux, Birtle;
- Rebecca Zimmer, Inglis;
- Josey Millward, Garland;
- Sheena Meggison, Goodlands.

Horse Racing Commission sees new appointments

STAFF

A new chair, vice-chair and directors have been appointed to the Manitoba Horse Racing Commission.

Provincial Agriculture Minister Ralph Eichler announced Aug. 26 that the new chair of the board is Brett Arnason, a former commission member and co-owner of a construction company. Peter Fuchs is the new vice-chair and is a retired provincial sales tax auditor and the former Manitoba lead officer of the Canadian Pari-Mutuel Agency, which is the federal regulator for horse racing.

Newly appointed directors are Darrell Stephansson, Robert King and Marg Homenuik.

Stephansson is the regional vice-president of Primerica Financial Services. He is the former director of racing, race secretary and director of corporate sales at Assiniboia Downs.

King is a former member of the Manitoba Horse Racing Commission and has a long family history in the horse racing industry in Manitoba.

Homenuik is a horse owner and has experience with both standardbred and thoroughbreds. She is a member of the Manitoba Sports Hall of Fame and the Manitoba Golf Hall of Fame.

Breed all the cows at one time

AI advances mean the technique might deserve a second look

BY KATIE ALEXANDER

Certified Angus Beef

If your opinion of artificial insemination (AI) for the beef cattle herd is "been there, done that," you may want to give it another look.

New protocols and synchronization methods have eased the pressure.

"There's no question that fixed-time AI has got easier," says Cliff Lamb, University of Florida animal scientist. That's important for those who tried other AI programs in the past but did not find success, and also noteworthy for those who have never tried AI.

Fixed-time protocols allow the average producer who doesn't know how to AI to synchronize them and schedule a technician to come out and breed the cows.

"There's no question that fixed-time AI has got easier."

CLIFF LAMB
University of Florida

Pregnancy rates vary by herd and environment, not perfect by any means, but getting better.

"We've found that fixed-time insemination has worked so well in heifers and cows with the new protocols that we've got to where we can get more cattle pregnant on the first day of your breeding season," says Willie Altenburg, Select Sires beef development adviser.

That's because it allows for a better conception rate – up to 60 per cent – on the first day of breeding season, he adds.

AI reduces the uncertainty of

unproven bulls and serves as a risk management tool, too.

"The advantage of using proven genetics in the heifers, the ability to synchronize and get proven calving-ease genetics – that is where we see the most use of AI today," Altenburg says. "Then you can use that over into the cow herd, of course."

Improvements in growth traits, carcass merit and replacement heifers are only the start, he says.

"It's a stepping stone of just how much the genetics are being utilized more and more to incorporate things like carcass traits to harvest cattle with outstanding carcass merit to enhance the eating quality so that our producers and consumers enjoy that benefit," Altenburg says.

The large variety of genetics available with AI shouldn't intimidate producers, he says.

One strategy is to narrow choices by selecting for specific EPDs (expected progeny differences).

"The use of EPDs and the database from breed organizations has extended the use of highly proven sires," Altenburg says. "DNA-marker-assisted selection is the next step."

AI-sired calves often carry many advantages, too, such as the genetics of bulls with the total package.

"It allows you to improve the reproductive efficiency of your cow herd," says Lorna Marshall, Select Sires vice-president of beef genetic programs. "We shorten your calving interval, we get more of those cows to calve in the first 21 days."

"The other advantage is that it lets you select genetics that are going to fit your marketing environment as well as your feed environment," she says.



deal zone

PREMIER PICKS AT DEEP DISCOUNTS

SO MANY CHOICES.

As the largest AG equipment dealer in Canada, we've created RME deal zone™ to provide you with premium machines at discounted prices. Browse for your next machine or set an equipment alert. Get in the zone at RMEdealzone.ca.

Call **1-844-527-3154** or **1-844-435-3866**

Not finding what you're looking for?
Search our complete inventory at rockymtn.com.



LIVESTOCK AUCTION RESULTS

Weight Category	Ashern	Gladstone	Grunthal	Heartland Brandon	Heartland Virden	Killarney	Ste. Rose	Winnipeg
Feeder Steers	n/a	n/a	n/a	30-Aug	n/a	n/a	1-Sep	n/a
No. on offer	n/a	n/a	n/a	96	n/a	n/a	165	n/a
Over 1,000 lbs.	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
900-1,000	n/a	n/a	n/a	155.00-165.00	n/a	n/a	n/a	n/a
800-900	n/a	n/a	n/a	160.00-172.00	n/a	n/a	150.00-181.00	n/a
700-800	n/a	n/a	n/a	175.00-190.00	n/a	n/a	175.00-185.00	n/a
600-700	n/a	n/a	n/a	180.00-195.00	n/a	n/a	185.00-192.00	n/a
500-600	n/a	n/a	n/a	185.00-200.00	n/a	n/a	150.00-170.00	n/a
400-500	n/a	n/a	n/a	n/a	n/a	n/a	150.00-175.00	n/a
300-400	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Feeder heifers								
900-1,000 lbs.	n/a	n/a	n/a	130.00-150.00	n/a	n/a	n/a	n/a
800-900	n/a	n/a	n/a	155.00-165.00	n/a	n/a	140.00-171.00	n/a
700-800	n/a	n/a	n/a	160.00-172.00	n/a	n/a	150.00-164.00	n/a
600-700	n/a	n/a	n/a	165.00-180.00	n/a	n/a	140.00-175.00	n/a
500-600	n/a	n/a	n/a	170.00-185.00	n/a	n/a	n/a	n/a
400-500	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
300-400	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Slaughter Market								
No. on offer	n/a	n/a	n/a	134	n/a	n/a	115	n/a
D1-D2 Cows	n/a	n/a	n/a	92.00-100.00	n/a	n/a	88.00-99.00	n/a
D3-D5 Cows	n/a	n/a	n/a	80.00-91.00	n/a	n/a	80.00-89.00	n/a
Age Verified	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Good Bulls	n/a	n/a	n/a	118.00-127.00	n/a	n/a	115.00-124.00	n/a
Butcher Steers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Butcher Heifers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Feeder Cows	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Fleshy Export Cows	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Lean Export Cows	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Heiferettes	n/a	n/a	n/a	n/a	n/a	n/a	110.00-138.00	n/a

* includes slaughter market

(Note all prices in CDN\$ per cwt. These prices also generally represent the top one-third of sales reported by the auction yard.)

Grow informed.

With the new web series: **AGGronomyTV**

AgCanada.com is proud to present this new informative web video series. **AGGronomyTV** is a series of videos that covers today's top issues related to soil management and crop production. Video topics include:

- ▶ New Seeding Technology
- ▶ Tire Performance
- ▶ 4R Stewardship
- ▶ Growing Soybeans
- ▶ Crop Suitability for NW Saskatchewan
- ▶ *Plus more...*



Scan the code or visit the website for more information
www.agcanada.com/aggronomytv

AGGronomyTV

Sponsored by



Bayer

COLUMN

Don't let freemartins become a management headache in your herd

Some will reproduce normally and are well worth keeping, but others need to be culled

ROY LEWIS DVM
Beef 911



Veterinarians can pick out these freemartin heifers if you have them palpated to select for breeding soundness next spring.

With better nutrition and management and a higher incidence of twins in the Charolais, Simmental, and Holstein breeds, some larger herds can have up to a 10 per cent twinning rate.

With the odds of 50 per cent of the twins being mixed sexes, it is no wonder freemartins are not an uncommon occurrence. Remember though that being twins of mixed sexes is not a guarantee the female will have no or undeveloped reproductive organs. In eight per cent of cases, a normal intact heifer is the result, which if kept could reproduce normally.

Freemartins become a bit of a management headache for several reasons. They are often the ones orphaned onto another cow and their identity as a twin may be lost. Because of their masculine characteristics, they grow very well and most often end up in the upper 25 percentile for growth — and so inadvertently will be kept as replacements. If in the feedlot and identified, they should be given a steer implant as their hormonal profile more closely mimics a steer. The issue here is they tend to get ridden lots if put in the steer pen and are the more aggressive ones if put in the heifer pen. Sometimes they end up in the chronic pen and stay there until finished.

Veterinarians can pick out these freemartin heifers if you have them palpated to select for breeding soundness next spring. Several beneficial things are accomplished at palpating. As mentioned, the

freemartin heifers are identified and removed as well as any pregnant ones (teenage pregnancies), ones with abnormally small pelvises, or those which are reproductively underdeveloped. One must remember any twin intact heifers genetically have more of a predisposition to twin themselves. If you want a higher incidence of twins in your herd, select them as replacements and if not, cull them. The choice is yours.

If you don't palpate heifers before selection, the management issue is keeping track of these freemartin heifers. The first is identifying them for sure. There are several ways to do this. Most have abnormally developed external genitalia with a very prominent protruding clitoris and what I describe as feathery vulval lips. There is a small instrument which measures the depth of the vaginal vault or a person can use a plastic test tube. Measure some normal heifers to get the average depth. Freemartin heifers will be considerably shorter to the point of having no vaginal vault. This measurement is made within a few days of birth. Then identify these freemartins with a distinct tag or notch their existing tag. The bottom line is making them distinguishable down the production line. Blood or DNA tests can also be done for freemartin determination and is useful if their external genitalia looks normal and they are potentially valuable breeding stock.

the mix. Other bovines such as bison have had freemartins documented even though twinning is less common than cattle. Most bison bottle-fed babies are likely twins and they should be checked before keeping them as replacements.

We also rarely see hermaphrodites (intersexes) in the cattle industry and these should be put in the same category. They are sterile and should be fed out as slaughter animals. But the beef in all these animals is of high quality and has no bearing on taste or tenderness. If a bull calf survives in a set of twins to 60 days gestation and then is resorbed, then the surviving heifer calf's reproductive organs have already been affected and it may be born a freemartin.

In the purebred industry you may want to have freemartins checked out because, as mentioned, about eight per cent will have a complete uterus and will breed. This is one other criterion to consider when selecting your replacement heifers. At the same time your other heifers can be palpated for small pelvises, unwanted pregnancies, scarring, or internal abscesses.

This will hopefully eliminate problems down the line and increase the longevity of your heifers when they calve or are sold as breeding replacements.

Roy Lewis practised large animal veterinary medicine for more than 30 years and now works part time as a technical services veterinarian for Merck Animal Health.

BRIEFS

Spring rain for Australia's north to hold cattle prices high

BY TOM WESTBROOK
SYDNEY/Reuters

Australia's north is forecast to receive above-average rainfall over the next three months, the country's weather bureau said Sept. 1, boosting cattle herds.

The continent's tropical northwest has at least a 60 per cent chance of above-average rainfall from September to October, the Australian Bureau of Meteorology said, with rains forecast to sweep from the Kimberley coast, southwest of Darwin, east to cattle-grazing lands in Queensland. There is an even chance of a wetter-than-average spring across the rest of the country.

"A wet spring for most of those cattle regions will mean the producers are able to hold on to stock for a bit longer because they'll have grass on the ground," said Matt Dagleish, a livestock market analyst at agricultural advisory firm Mercardo.

"That kind of rainfall and the prospect of that rainfall will support prices," he said, adding that he expected live export prices to retreat from near-record highs, though slowly as herd rebuilding limits supply growth.

Australia's beef benchmark, the Eastern Young Cattle Indicator, on Thursday was at A\$7.07 (C\$7) per kilogram, down from a record high of A\$7.26 (C\$7.19) earlier in the month.

Trait Stewardship Responsibilities Notice to Farmers

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

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Ready® technology contains genes that confer tolerance to glyphosate, an active ingredient in Roundup® brand agricultural herbicides. Roundup Ready 2 Xtend™ soybeans contain genes that confer tolerance to glyphosate and dicamba. Agricultural herbicides containing glyphosate will kill crops that are not tolerant to glyphosate, and those containing dicamba will kill crops that are not tolerant to dicamba. Contact your Monsanto dealer or call the Monsanto technical support line at 1-800-667-4944 for recommended Roundup Ready® Xtend Crop System weed control programs. Acceleron® seed applied solutions for canola contains the active ingredients difenoconazole, metalaxyl (M and S isomers), fludioxonil and thiamethoxam. Acceleron® seed applied solutions for canola plus Vibrance® is a combination of two separate individually-registered products, which together contain the active ingredients difenoconazole, metalaxyl (M and S isomers), fludioxonil, thiamethoxam, and sedaxane. Acceleron® seed applied solutions for corn (fungicides and insecticide) is a combination of four separate individually-registered products, which together contain the active ingredients metalaxyl, trifloxystrobin, ipconazole, and clothianidin. Acceleron® seed applied solutions for corn (fungicides only) is a combination of three separate individually-registered products, which together contain the active ingredients metalaxyl, trifloxystrobin and ipconazole. Acceleron® seed applied solutions for corn with Poncho®/VoTivo™ (fungicides, insecticide and nematocide) is a combination of five separate individually-registered products, which together contain the active ingredients metalaxyl, trifloxystrobin, ipconazole, clothianidin and Bacillus firmus strain I-1582. Acceleron® seed applied solutions for soybeans (fungicides and insecticide) is a combination of four separate individually registered products, which together contain the active ingredients flupyrroxad, pyraclostrobin, metalaxyl and imidacloprid. Acceleron® seed applied solutions for soybeans (fungicides only) is a combination of three separate individually registered products, which together contain the active ingredients flupyrroxad, pyraclostrobin and metalaxyl. Acceleron®, Cell-Tech™, DEKALB and Design®, DEKALB®, Genuity and Design®, Genuity®, JumpStart®, Optimize®, RIB Complete®, Roundup Ready 2 Technology and Design®, Roundup Ready 2 Xtend™, Roundup Ready 2 Yield®, Roundup Ready®, Roundup Transorb®, Roundup WeatherMAX®, Roundup Xtend™, Roundup®, SmartStax®, TagTeam®, Transorb®, VaporGrip®, VT Double PRO®, VT Triple PRO® and XtendiMax® are trademarks of Monsanto Technology LLC. Used under license. Fortenza® and Vibrance® are registered trademarks of a Syngenta group company. LibertyLink® and the Water Droplet Design are trademarks of Bayer. Used under license. Herculex® is a registered trademark of Dow AgroSciences LLC. Used under license. Poncho® and Votivo™ are trademarks of Bayer. Used under license. ©2016 Monsanto Canada Inc.



BOOK YOUR SPACE NOW!

The chance to **CONNECT** with LIVESTOCK producers

PRAIRIE LIVESTOCK EXPO 2016

Wednesday, December 14

Victoria Inn Hotel & Convention Centre, WINNIPEG, MB

- ▶ More than 30,000 square feet of display space
- ▶ Canada's largest pork quality competition
- ▶ New & Evolving Technologies: Expert presentations for today's producers
- ▶ **ON-LINE REGISTRATION** available

For info see our website or E-mail: info@prairielivestockexpo.ca

prairielivestockexpo.ca

▶ Formerly HOG & POULTRY DAYS

WEATHER VANE

"EVERYONE TALKS ABOUT THE WEATHER, BUT NO ONE DOES ANYTHING ABOUT IT." *Mark Twain, 1897*

AGCanada.com
Network **SEARCH**

Search news. Read stories. Find insight.

Is the weather pattern switching?

Issued: Monday, September 2, 2016 · Covering: September 7– September 14, 2016

DANIEL BEZTE

Weather Vane



Due to the September long weekend my deadline is a little earlier than usual, which means my confidence in this forecast will be fairly low. That said, I'll do my best to generalize the expected weather over the upcoming seven-day period beginning Sept. 7. It doesn't help that it looks like our weather pattern is beginning its switch to a fall-like pattern right on cue.

We had a pretty active end to the long weekend and first part of the week across southern and central Manitoba, and it looks like this active pattern will continue throughout the rest of this forecast period. The weather models show a broad trough of low pressure developing across central North America during the forecast period. This will likely result in our region seeing more clouds than sun, along with much cooler temperatures.

High pressure will be over us on Wednesday, bringing sunny to partly cloudy skies along with seasonable temperatures.

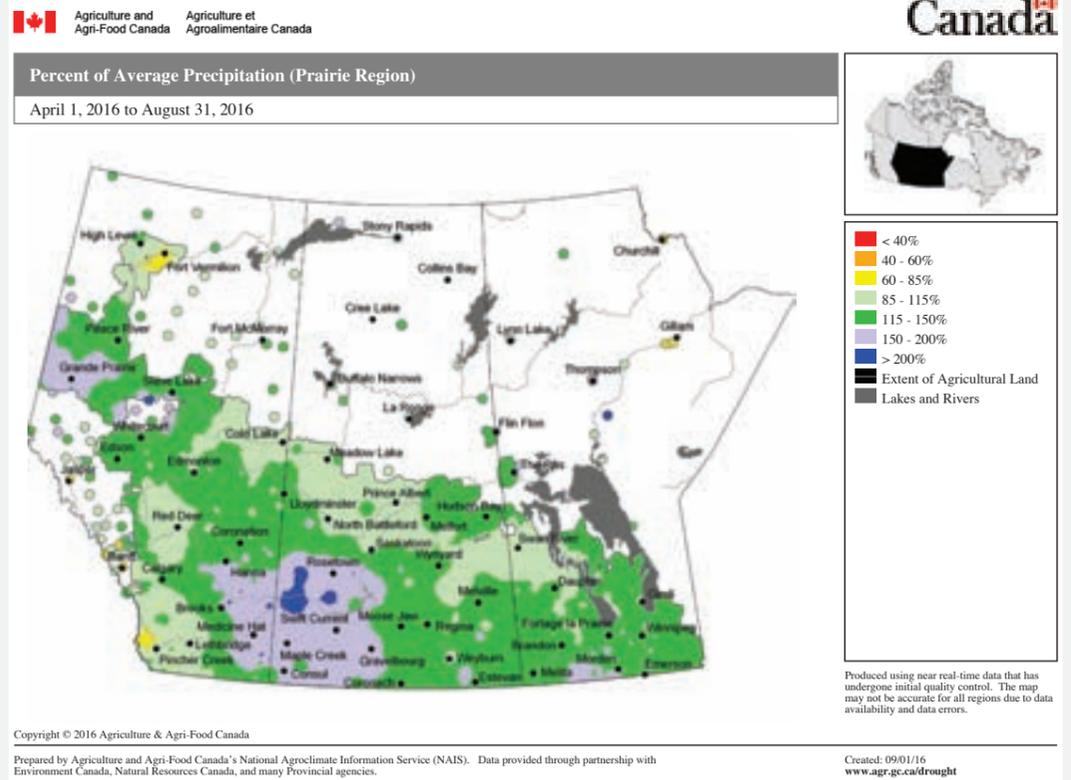
This high will quickly slide off to the east on Thursday, allowing an area of low pressure to begin making inroads from the west. This low will start off on the weak side, bringing clouds and a few showers to western regions late on Thursday and Friday. The weather models then show it strengthening as it passes through North Dakota on Friday and Saturday, which could bring some significant rains to extreme southern and eastern regions beginning late Friday and into Saturday. Expect seasonable temperatures ahead of this system on Thursday and Friday.

We'll likely see clouds, showers and cool weather in the northerly flow behind this low on Sunday and Monday, with daytime highs only expected to be in the mid-teens and overnight lows in the 5 to 8 C range. Welcome to fall!

Usual temperature range for this period: Highs, 15 to 25 C; lows, 4 to 12 C.

Daniel Bezte is a teacher by profession with a BA (Hon.) in geography, specializing in climatology, from the U of W. He operates a computerized weather station near Birds Hill Park. Contact him with your questions and comments at daniel@bezte.ca.

WEATHER MAP - WESTERN CANADA



I wanted to show precipitation amounts for the last three months (summer), but unfortunately that map is not up to date. Instead, here is the map for the growing season (April 1 to Aug. 31) that shows the amount of precipitation compared to average. A quick look at the map shows that, just like the summer, precipitation was near average (green areas) with a few areas receiving above-average amounts (blue areas).

No one gets the summer forecast right

Winnipeg, Brandon and Dauphin all saw near-average temperatures in July and August

BY DANIEL BEZTE

Co-operator contributor

As summer (June, July and August) of 2016 has drawn to a close, I figured it was time to take a look back to see just how it turned out across the Prairies. We'll then take a look to see if anyone was able to correctly predict how this summer was going to turn out (I know I didn't do very well). Finally, we will take a quick look at what the different long-range forecasts are calling for this fall.

For our Prairie-wide look at this summer's weather we're going to start in the west and work eastward toward Manitoba. I'll make things a little easier by breaking each province into a few zones and using data from one location in each zone that has a good long reliable data record. In Alberta I'll use the Peace River for the northern region, Edmonton for the central region, and Calgary for southern region. I know this can sometimes gloss over the data a little too much, especially when it comes to rainfall as one really big thunderstorm can dramatically impact the totals in one area compared to another. Temperature data, on the other hand, usually works very well with only a few stations as we rarely see dramatic

Who would have thought that we would have to deal with upper low after upper low all summer long?

differences in temperature over short distances.

Summer temperatures in Alberta started off fairly warm, with all locations having June temperatures that were about 1.5 C above average. Temperatures in July and August cooled (relatively) to only slightly above average, with all three locations reporting mean monthly temperatures in both months that were about 0.5 C above average. Precipitation across Alberta was not nearly as uniform as temperature. In June it was fairly dry in the south, slightly above average across central regions, and above average in the north. Things switched around in July a bit with the Peace River region seeing below-average rainfall, central regions (Edmonton) near-average amounts, and Calgary seeing well-above-average amounts. August brought wet weather to all three locations, with both the Calgary and Edmonton regions coming in around 30 mm above aver-

age and the Peace River region being the wet spot, with more than 60 mm above the long-term average. Overall, this meant that all three regions had a summer that was a little warmer and wetter than average.

In Saskatchewan the summer also started off on the warm side, with temperatures in both Saskatoon and Regina coming in between 1.0 and 1.5 C above average. Temperatures cooled to around average in July. This cooling trend continued into August, with Saskatoon coming in around 0.5 C below average and Regina around 1.0 C below average. These were the first below-average months since August 2015 for both of these locations. Summer precipitation in Saskatchewan was slightly below average for both locations in June, was around average in July, and was a little above average in August. Overall, this added up to both of these regions seeing near-average summer temperatures and precipitation.

Finally, in Manitoba, the summer began with slightly above-average temperatures in western regions (Brandon and Dauphin) and near-average temperatures in central and eastern regions (Winnipeg). All three locations then saw near- to slightly below-average temperatures in both July and August. Precipitation, like Alberta's, was a little more varied. In the Winnipeg and Brandon regions, both June and July reported above-average amounts of rain; August came in with below-average amounts. In the Dauphin region June was drier than average, July near average, and August came in a little above average. Add these all up and you end up with a summer that saw temperatures and precipitation amounts that were near average across all three locations.

Who called it?

So, both Manitoba and Saskatchewan basically experienced average summer weather for both temperature and precipitation, while Alberta was a little warmer and wetter. Looking back at the forecasts, it's pretty darned easy to figure out who was the best — no one! Not one of the forecasts was even close, although Environment Canada and myself were probably the

worst ones. I guess you can't win them all. Who would have thought that we would have to deal with upper low after upper low all summer long?

Now, a quick look at the fall forecast, for what it's worth! Environment Canada is calling for above-average temperatures this fall in Alberta, extreme southern Saskatchewan and central Manitoba, with near-average temperatures elsewhere. It calls for precipitation to be above average across all regions except southern Alberta and southwestern Saskatchewan. The *Old Farmer's Almanac* calls for near-average temperatures this fall with below-average amounts of precipitation. The *Canadian Farmers' Almanac* appears to call for near-average temperatures as it mentions fair and pleasant weather fairly often. It looks like it calls for above-average amounts of precipitation as it also mentions stormy and wet conditions quite often.

Finally, my forecast. After looking at all the signs from nature and consulting my spinning wheel of weather, I have come up with a forecast that calls for near- to slightly below-average temperatures along with near- to slightly above-average amounts of precipitation. More on my actual logic behind that in my next article.

CROPS

HUSBANDRY — THE SCIENCE, SKILL OR ART OF FARMING

How much nitrogen could a wood chip chuck?

Researchers investigating wood chip bioreactors under Manitoba conditions say half the nitrogen in tile drainage run-off could be captured

BY SHANNON VANRAES

Co-operator staff

Often considered a byproduct of forestry and landscaping, wood chips could also become central to decreasing nitrogen run-off from tile drainage systems.

Dipping his hand into a plastic container full of wood chips at the Agriculture and Agri-Food Research Centre in Morden, Steve Sager said that increased use of tile drainage in Manitoba, as well as other regions, have made reducing nutrient run-off a priority in traditional horticultural systems.

“With the expansion of tile drainage in Manitoba, we’re looking at different practices to reduce some of the nutrient loss we see,” he told producers during a recent field day hosted by the Manitoba Pulse and Soybean Growers association. “And wood chip bioreactors are used a lot in the central states, and in the Midwest states. So we’re kind of monitoring or investigating their application or potential under Manitoba conditions.”

Simple to construct, wood chip bioreactors are essential wood chip-filled trenches, lined with waterproof membranes. The wood chips provide a source of carbon that allows nitrogen to be converted into nitrogen gas as it is absorbed, then released into the atmosphere, by the supplied organic matter.

“So as the tile effluent moves through the wood chips, we reduce the amount of nitrates leaving the system at the edge of the field,” Sager explained. “And this really relates to our surface water bodies, Lake Winnipeg in particular.”

Poor surface drainage and untreated tile effluent can also decrease yields and affect farmland, he added.

The study is now in its second year and will run officially for one more season, but the soil scientist said the low-maintenance system will be monitored for years into



A small dam holds back water at the Morden research centre. PHOTOS: SHANNON VANRAES

the future. Agriculture Canada is also testing the bioreactor at sites in Ontario and Newfoundland, as well as at a location on Prince Edward Island.

Studies done in Minnesota and Illinois have shown the wood chip-based system decreases nitrogen in tile drainage effluent, as well as some biological material. While denitrifying bioreactors are still relatively new, Sager believes they hold great possibility — even in areas with harsh conditions like the Canadian Prairies.

However, it will still take some time for the official results of the project to come in.

“We have more lab results and like a lot of our samples from this year we’re waiting to get analyzed

at our Brandon station,” Sager said. “Last year we put through about 80 per cent of the tile effluent through the two bioreactors and we — in most cases, because it is temperature dependent — reduced the amount of nitrogen by half.”

In some cases, where the flow of water was very low, there was essentially no nitrates left after treatment, he said.

The federal research centre has also embarked on a study looking at the viability of “vegetative filter strips” or “grass buffers” in the fight against nutrient run-off, according to Jason Vanrobaeys.

“What I’m focused on really is looking at the surface flow aspect of it, and practices that can really,



Steve Sager shows producers wood chips in Morden.



Jason Vanrobaeys



Steve Sager

really reduce nutrient loss,” he told producers, explaining that the buffers include the construction of small berms or dams to retain water in areas with some vegetation.

“Not a whole lot of results in terms of water quality from that yet, but we should have those results by this fall,” said Vanrobaeys. He added that the berms were inexpensive to construct and could service a relatively large area of cropland.

Sager added that bioreactors can also be constructed at minimal cost, noting the wood chips that fill them can last years, if not decades.

shannon.vanraes@fbcpublishing.com

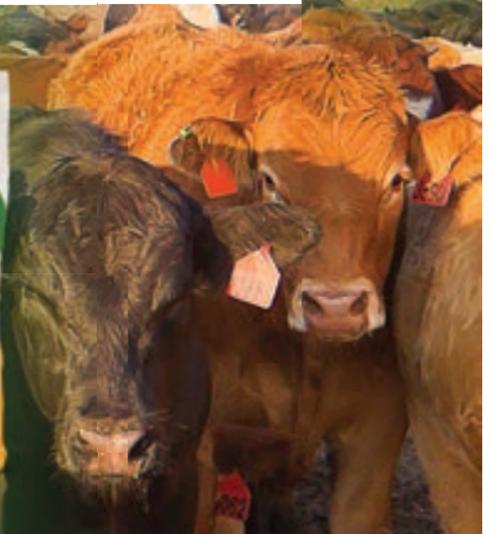
Make the most of every bite.

Corn offers high quality, quantity and nutrient dense feed, enabling you to make the most of every tonne. Pioneer® brand corn silage products provide excellent early starch production for high energy feed and an early silage harvest.

Call your local Pioneer Hi-Bred sales representative today to learn more about our corn silage products and order seed.

Check out our new website! ca.pioneer.com/west/en/

Follow us on: Twitter @PioneerWCanada Snapchat PioneerWCanada



Forty per cent straight cut by 2020?

New shatter-resistant varieties may hold the key to continued expansion of this harvest practice

BY SHANNON VANRAES
Co-operator staff

Don't park the swather just yet. More western Canadian canola will be straight cut than ever before this season, but swathing remains the predominant form of harvest for the time being.

Bayer CropScience's James Humphris believes the increased interest stems in no small part from the shatter-resistance traits that are being added to the latest canola hybrids. The traits create stronger pods, to protect the canola seed from shelling during the harvest process, he said.

"We know last year, with our one pod shatter hybrid, about 75 per cent of growers straight cut that hybrid, whereas typically across all the others, it was ranging from five to 10 per cent," said Humphris, who is Bayer's canola traits and seed marketing manager. "So the guys who were adopting the pod shatter hybrids were quickly adopting straight cutting."

He predicts that by 2020 more than 40 per cent of canola acres will be straight cut.

"From a pure statistics standpoint, I can tell you it was an 11 per cent of acres last year that got straight cut, and it was about six per cent the year before, so it's increasing," he said, adding he predicts that number will jump to 15 per cent this year.

"Based on sales and interest I'm predicting that at least 15 per cent out there, maybe higher, but I don't think it will be less, will be straight cut," said Humphris.

Bayer CropScience launched InVigor L140P, which is a mid- to early-maturing hybrid, a few years ago and Humphris



A swathed canola field near Sanford from the air. PHOTO: SUBMITTED

has seen interest in the shatter-resistance variety grow as farmers work to increase yields by reducing harvest losses.

"I'm a big believer that growers can increase their yields by decreasing harvest losses, and a lot of that is around combine management and settings, but I also believe... we gained a couple of bushels from straight cutting our pod shatter hybrid for the last three years," he said.

Angela Brackenreed said she has also seen an increased interest in straight cutting since joining the Canola Council of Canada as an agronomist a few years ago.

"I have seen more and more interest in straight cutting, and I am certainly optimistic that there could be more," she said. "Not that I think people should be looking to sell their swather, but I think if we can incorporate some straight cutting into a lot of our farms it is, or can be, a tool to manage that harvest timing."

In Europe, even without shatter-resistance traits, about 90 per cent of canola is straight cut.

"I think it's important to note that all canola can be straight cut, sometimes this gets missed, and obviously being from Bayer we're biased on our hybrid," Humphris said. "But ultimately all canola can be straight cut, and the guys who have been straight cutting for 20 years, 10 years, some of them don't even see the need for pod shatter resistance because they have already been straight cutting and are strong believers in it."

For producers who haven't straight cut in the past and are nervous about pod shatter, he said a resistant variety can give them the peace of mind to give it a try.

"The reason that I say I hope to see more acres being straight cut here, as opposed to swathed, is because I think we are potentially leaving a lot of bushels on

"We're not suggesting that farmers go wall to wall, although some farmers have, but it is a management tool."

JAMES HUMPHRIS

the table by swathing too early, and I think that largely that's out of necessity. As farms get bigger, as more of a farm's acres are into canola, it's just really, really difficult to pass a swather across all those acres at the appropriate time," Brackenreed said, but she added that swathing can also take away some of the critical nature of harvest.

"But (swathing) is also great for evening out a variable field and drying down any weeds," she said. "So I don't want to downplay the benefits of swathing, and it's still what the vast majority of our acres see, and what the vast majority of producers do."

She also reminded producers that the ideal target for swathing is 60 per cent colour change on the main stem.

Humphris said that while some producers are choosing to sell their swathers, many are using straight cutting as a tool to better hone their harvest timing.

"We're not suggesting that farmers go wall to wall, although some farmers have, but it is a management tool where they might end up swathing half their farm," he said. "There are a lot of guys out there we see who are swathing too early because they have a lot of canola acres to get over in a short amount of time."

shannon.vanraes@fbcpublishing.com

Track systems with Weatherfarm Mobile

Available FREE for iPhone & Android



Weather from hundreds of stations
available on your smartphone!

The new **Weatherfarm Mobile** app gives you instant access to an extensive, live-updating network with current and forecasted weather data for your farm or surrounding area.

App features include:

- ▶ Current conditions
- ▶ Hourly, 6 hour and 10 day forecast data
- ▶ Radar & satellite data
- ▶ Weather news & facts
- ▶ Weather alerts
- ▶ Market and ag news
- ▶ Intuitive interface with large, easy-to-read text
- ▶ *More to Come*

The **Weatherfarm Mobile** app gives farmers clear and comprehensive weather information that is essential to their operation. *Download the app today!*

weatherfarm

For more information
please contact us at:
support@weatherfarm.com

Sponsored by



Get weather on your desktop at
weatherfarm.com

Proposed fertilizer deal would send farmers to regulators

Growers' groups and independent retailers say the move would give the new company too much market power

BY ROD NICKEL AND MICHAEL HIRTZER
WINNIPEG / CHICAGO / Reuters

North American farmers will pressure regulators to protect their negotiating leverage with fertilizer suppliers if PotashCorp of Saskatchewan and Agrium Inc. agree to merge, major farm groups said Aug. 31.

The potential deal would combine the world's largest fertilizer producer by capacity with the continent's biggest network of farm retail dealers and consolidate 60 per cent of North America's potash production with one company.

The tie-up would face regulatory scrutiny in both the United States and Canada.

For farmers, already facing the prospect of fewer buying choices for seed and chemicals, the potential merger raises fears they will lose pricing power. Independent retailers in the United States and Canada worry about competing against a fertilizer Goliath that may stock its stores at preferential rates.

"It's like the movie 'Mad Max' — one company owns everything," said Norm Hall, president of Agricultural Producers Association of Saskatchewan. "There's less and less competition out there. We're being painted into a box because of corporate greed."

The group, based in Canada's largest crop-growing province, will raise concerns with the federal Competition Bureau if the merger proceeds, Hall said.

Likewise, Manitoba's Keystone Agricultural Producers will ask the bureau to weigh the risk of higher farm costs, said president Dan Mazier.

The Competition Bureau routinely contacts industry groups when it reviews proposed mergers, said spokeswoman Sophie Paluck-Bastien.

The American Soybean Association, which represents 21,000 U.S. farmers, might complain to U.S. regulators if the merger advances. It opposes deals that limit competition and drive up prices, said spokesman Patrick Delaney, noting that the combined company would be "dominant" in North America.

PotashCorp declined to comment and Agrium did not respond.

Farm incomes

Potash prices fell to decade lows this year, pressured by excess capacity and weak demand, but North American farm incomes have also suffered as corn and wheat prices tumbled to multi-year lows.

Proposed tie-ups between big seed companies Monsanto Co. and Bayer AG, and ChemChina and Syngenta, have raised alarm among farmers, and the U.S. Justice Department is suing to stop

Deere & Co. from buying Monsanto's Precision Planting farm equipment business.

Fertilizer accounts for as much as one-third of input costs for U.S. corn farmers, according to the National Corn Growers Association.

"The cost of farm inputs is a major concern to corn growers right now," said Cathryn Wojcicki, spokeswoman for the association. It will scrutinize the Potash-Agrium merger if it proceeds, she said.

Agrium's farm retail rivals, which include small co-operatives and independent dealers, are also wary.

Regulators should ensure that the merged company supplies retailers under

"Does it put us at a competitive disadvantage? Absolutely. But more important, it puts the grower at a disadvantage."

KEVIN BLAIR
chief executive of a family-owned chain of eight farm retail stores in Saskatchewan

similar terms as before, said Randy Stephens, president of SureGrow Ag Products, which has three retail stores in Texas.

"They'll always be selling to (their own stores) at a discount to anyone else," Stephens said.

Kevin Blair, chief execu-

tive of a family-owned chain of eight farm retail stores in Saskatchewan, said he would be shocked if the merger is approved in Canada.

"Does it put us at a competitive disadvantage? Absolutely. But more important, it puts the grower at a disadvantage," Blair said.

But Charles Neivert, analyst for Cowen Securities, said there is little reason to worry about competition.

If the new company hikes fertilizer prices in the United States, lower-cost offshore producers would increase shipments, he said. Agrium's retail stores are already stocked mostly with its own fertilizer, leaving little room for additional supplies from PotashCorp, he added.

Canadian Economic Development Minister Navdeep Bains told reporters that his government was "definitely keeping an eye on" the possible merger, but added that Ottawa wants Canadian companies to have global success.

#IGROW SOYBEANS

ROUNDUP READY 2 XTEND SOYBEANS

What are Manitoba growers saying about Genuity® Roundup Ready 2 Xtend™ soybeans?

"Our farm has been growing soybeans in the Canadian Prairies for the past 20 years. The Xtend™ soybean system has exceeded our expectations for weed control. Especially hard to kill weeds such as buckwheat and round leaf mallow."

"NSC Starbuck RR2X is a great variety for the Red River Valley area of Manitoba. We tried it under 15-inch rows and wider rows of 30 inches. Typically, you would have to spray the wide rows three times, and in our case the Xtend™ residual control helped eliminate a third spraying, giving you fewer spray ruts and allowing more time with the family."

Murray Froebe – Homewood, MB

At NorthStar Genetics, we know beans.

www.northstargenetics.com

WE KNOW BEANS

NorthStar Genetics

©NorthStar Genetics 2016

Monsanto Company is a member of Excellence Through Stewardship® (ETS). Monsanto products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with Monsanto's Policy for Commercialization of Biotechnology-Derived Plant Products in Commodity Crops. This product has been approved for cultivation in the U.S. and Canada, and for import in Australia/New Zealand, Colombia, China, Japan, Korea, Mexico, Taiwan, and Vietnam. The single events in this product have been approved for import in the EU. As of February 2, 2016, E.U. stack approval is in the final stage of approval and is expected but not guaranteed to be received in the near future. Any crop or material produced from this product can only be exported to, or used, processed or sold in countries where all necessary regulatory approvals have been granted. It is a violation of national and international law to move material containing biotech traits across boundaries into nations where import is not permitted. Growers should talk to their grain handler or product purchaser to confirm their buying position for this product. Growers should refer to <http://www.biotradestatus.com/> for any updated information on import country approvals.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Ready 2 Xtend™ soybeans contain genes that confer tolerance to glyphosate, an active ingredient in Roundup® brand agricultural herbicides, and dicamba, the active ingredient in XtendiMax™ herbicide with VaporGrip™ Technology. Agricultural herbicides containing glyphosate will kill crops that are not tolerant to glyphosate, and those containing dicamba will kill crops that are not tolerant to dicamba. Contact your Monsanto dealer or call the Monsanto Technical Support Line at 1-800-667-4944 for recommended Roundup Ready® Xtend Crop System weed control programs. Genuity®, Roundup Ready 2 Xtend™, Roundup Ready 2 Yield®, Roundup Ready®, Roundup®, VaporGrip™ and XtendiMax™ are trademarks of Monsanto Technology LLC, Monsanto Canada, Inc. licensee. ©2016 Monsanto Canada Inc.

BALING OUT



Tom Bennie Jr. rolls up the hay while his dad, Tom Sr., cuts some more at their operation in the Turtle Mountains. PHOTO: SHARLENE BENNIE

Nobel laureates urge Greenpeace to stop opposing GMOs

Greenpeace called the plea a publicity stunt in advance of labelling vote

BY ADAM DEROSE
Washington / Reuters

More than 100 Nobel laureates called on the international environmental group Greenpeace June 30 to end its opposition to genetically modified crops, saying there is a scientific consensus they are safe and can benefit society.

At a news conference, the scientists cited in particular the value of a genetically modified rice used to prevent some illnesses related to vitamin A deficiency in much of the developing world.

“Golden Rice” produces beta carotene in the grain, which rice does not do in the natural world.

The laureates called on Greenpeace specifically to stop opposing the grain, as well as related biotechnology that they say has a positive impact across the globe.

“The time has come that we now know these things are safe,” Nobel laureate Sir Richard Roberts said. “The basic method does not lead necessarily to a bad thing.”

He said the group could influence other organizations and parties opposing GMOs.

Greenpeace officials called the event a publicity stunt.

It contends that Golden Rice could contaminate non-genetically engineered rice and make it hard for people in developing countries to avoid such products. It said other efforts to address nutrition needs in developing areas of the world should be funded and implemented.

“We’ve been attacked in countries around the world because we’re working with farmers and communities on the threat they face from GMOs,” said Charlie Cray, a senior researcher with Greenpeace. “The real issue here is: Why are they doing a press conference in Washington, D.C. a week before there is a major vote in GMO labelling?”

The laureates say science backs them up and urged Greenpeace to re-examine which findings the group uses in its advocacy.

“They are willing to dismiss the views of the vast majority of scientists,” said Randy Schekman, who won a Nobel in physiology or medicine in 2013. “What I fail to understand is their acceptance of science and the scientific process when it serves their purposes, but in their opposition, they oppose the view of scientists.”

GET FARM FRESH AG NEWS DELIVERED RIGHT TO YOUR INBOX! SUBSCRIBE TODAY!

IT'S EASY TO SIGN UP - AND IT'S FREE!

Glacier FarmMedia publications have been providing farmers with insight and information on agriculture for over 100 years. Our diverse family of magazines, newspapers and websites cover all aspects of the industry with keen insight and award-winning reporting. Everyday we deliver the latest agricultural news that effects you and your livelihood.

Now you can get this essential news — from the sources you choose — delivered directly to your inbox!

HERE'S HOW:

1. Visit www.freefarmnews.com and simply select the newsletters you want to receive from the list shown. Choose as many as you like!
2. Enter your email and postal code and then click the **SIGN UP** button — it's that easy! You will receive a confirmation notice when you're done.

It works on mobile too!
Scan the QR code with your phone to choose your free newsletters!



Get the same up to date agricultural news content from Canada's most trusted farming publications **DELIVERED FREE** to your tablet, smartphone or desktop!

Alberta Farmer EXPRESS

AG Dealer

Grainews

le Bulletin des agriculteurs

Manitoba Co-OPERATOR

THE WESTERN PRODUCER

Canadian THE BEEF MAGAZINE Cattlemen

CountryGuide STRATEGIC. BUSINESS. THINKING.

Signup today at: www.freefarmnews.com

Spring soy rally caught trading houses off guard

Cargill and Bunge reportedly sold farmers' soy at US\$3 below this spring's peak

BY TOM POLANSEK
Chicago/Reuters

Two of the world's biggest agricultural trading houses bungled crop sales they made on behalf of U.S. farmers this year because of what one described as "unique" price moves for soybeans, prompting both to take rare steps to keep disgruntled customers.

Every year, hundreds of U.S. farmers trust major grain traders, including privately held Cargill and Bunge, to sell parts of their harvests on their behalf for a fee. They hope the global reach and expertise of these companies will secure the best price and profits.

But this spring, a 37 per cent surge in U.S. soybean futures caught many traders and veteran agriculture economists off guard. Large supplies were expected to keep prices low, but flooding in Argentina sparked heavy buying instead.

Cargill and Bunge separately sold most of the soybeans they were trading on behalf of farmers at about \$9 a bushel, well below the rally's peak near \$12 in June, five farmers who used the services told Reuters (all figures US\$).

This month, Cargill reported that the surge hurt quarterly earnings because its traders in May had made wrong-way bets that prices would fall. Bunge, too, reported weaker quarterly results for oilseed trading, while Wilmar International posted its first-ever quarterly loss because of untimely purchases of soybeans.

"We're all trying to figure out exactly what went on," University of Illinois agricultural economist Scott Irwin said about the market's moves.

Cargill chief financial officer Marcel Smits and Bunge CEO Soren Schroder said in separate interviews that their trading programs have worked well for farmers over the long run. They said they did not have details about the programs' results so far in 2016.

It is not clear exactly how many farmers take part in the programs or how much money they feel was left on the table.

The large grain companies rarely reveal how and where they make money inside their trading businesses. Last year, about half of Bunge's earnings came from a large division of the company that includes soybean trading. Cargill does not detail how much of its profits come from trading.

Missing peak prices

This year's trades on soybeans have raised questions among some farmers about the value of using the grain companies to trade.

"This year I can say honestly is the worst job they have done regarding soybeans," said Brad Orr, an Illinois farmer who has used Cargill's trading service for about seven years.

"The bean market rallied \$3, and they didn't capture any of it."

Orr said he had 30,000 bushels of soybeans in the company's crop program. That means Cargill's trades may have cost him up to about \$90,000.

Making poor trading decisions hits bottom-line profits for the big traders because they regularly buy and sell grain to keep

their businesses running. When they affect farmers' incomes, it threatens the close relationship between the companies and the customers who ultimately provide the crops that they move around the world.

In June, Bunge wrote to farmers offering a one-off chance to redo soybean sales, according to a letter sent to customers and seen by Reuters. It said the company had faced "unique soybean price action" and thanked participants for their trust.

A company spokeswoman did not respond to requests for comment.

"They know they missed the boat," said Tennessee farmer Lyn Stacey, who used Bunge's service. "They've given us an option to increase our bottom line."

That same month, Cargill's corn merchandising manager, Randy Christy, told clients the company had "missed the market" trading soybeans, in a webcast seen by Reuters. He said in a subsequent webcast that Cargill

"What the farmer needs is not, in my view, the same as what Bunge and Cargill and Louis Dreyfus are doing."

BRETT WONG
research analyst,
Piper Jaffray

was exploring options strategies to increase the value of its positions.

Cargill spokeswoman Antonella Bellman told Reuters that a team of experts trades on behalf of farmers in its ProPricing program. The company's "first priority is to deliver the best overall level of performance and risk management on behalf of our ProPricing customers," she said.

"The results of our current ProPricing contracts, just like any other ProPricing contract, are addressed directly with participating customers," she said.

Missteps are rare for Cargill's

program, which has outperformed on one-year soybean contracts for seven of the past eight years through to 2015. And the company has taken tough action in the past when trading goes awry.

After a wrong-way trade threw up a \$100-million loss at Cargill's North American energy arm in 2014, the company exited a number of markets and made management changes.

Historically, advisers on trading have struggled to consistently beat agricultural markets, according to a University of Illinois analysis of trading recommendations from 1995 to 2004.

The review included dozens of firms, though not programs run by the major grain handlers.

Brett Wong, a senior research analyst for Piper Jaffray who tracks Bunge, said farmers often want to delay sales for what they consider the optimum price, while grain handlers aim to sell consistently for smaller margins.

"What the farmer needs is not, in my view, the same as what Bunge and Cargill and Louis Dreyfus are doing," Wong said. "The farmer needs the third-party guy who is working specifically on the farmer's behalf."

Stacey, the farmer from Tennessee, said he accepted Bunge's offer to sell soybeans for a higher price this summer.

Ohio farmer Nathan Fortkamp, another participant, declined. He said he was reluctant to allow Bunge to trade his crops again in 2017 as part of the deal.

"I think I'll be doing it all myself," he said. "That way I don't have anyone to blame but me."



The word on Clearfield canola is spreading. And so are the acres.



As canola rotations continue to tighten, it's no wonder more growers are using it. Because rotating to the **Clearfield**® Production System for canola gives you exceptional control of volunteers from other systems. It's also the only system that delivers long-lasting control of flushing weeds. And with exclusive production contract premiums, **Clearfield** canola is the ideal way to maximize the potential of your crop. To learn more, visit agsolutions.ca/clearfieldcanola or call **AgSolutions**® Customer Care at 1-877-371-BASF (2273).

BASF
We create chemistry

Always read and follow label directions.

AgSolutions is a registered trade-mark of BASF Corporation; Clearfield, and the unique Clearfield symbol are registered trade-marks of BASF Agrochemical Products B.V.; all used with permission by BASF Canada Inc. © 2016 BASF Canada Inc.

Fresh off the field

With winter cereal seeding season upon us, here's the 2016 MCVET winter cereal yield data

BY PAM DE ROCQUIGNY

Provincial Cereal Crops Specialist

In Manitoba, interest in fall rye is increasing, with 112,000 acres seeded the fall of 2015. Although winter wheat acres have declined in recent years, there are still very strong economic and agronomic arguments to be made for including winter wheat in rotation.

There are a number of newer winter wheat and fall rye varieties, including hybrid fall rye. Producers should take the time to evaluate their attributes, using available data and speaking with extension professionals, agronomists and local seed growers. It is the seed growers who see varieties first hand and can provide input to help with variety decisions.

Since 2008, MCVET (Manitoba Crop Variety Evaluation Team) has been publishing winter cereal data shortly after harvest in an effort to assist producers with variety decisions. In 2016, yield data is being published for five fall rye varieties and seven winter wheat varieties collected at 10 sites across Manitoba.

Comparisons

Data in the winter wheat and fall rye yield comparisons tables allows producers to make head-to-head comparisons between varieties at each site, using the statistical information provided in the grey shaded area located at the bottom of the table.

The first step will be to look at the "Sign Diff" value — a "yes" or "no" will indicate if a real difference exists between varieties. For example, for fall rye at the Hamiota site there are significant differences between the five varieties tested.

The second step is to look at the "LSD" value. LSD stands for least significant difference and it shows the number of bushels per acre that individual varieties must differ by to be considered significantly different. For example, if comparing fall rye varieties at the Hamiota site the varieties must differ by more than eight bushels per acre. If we compare Hazlet and Brasetto, we see Brasetto yielded significantly higher at this site in 2016.

While it is tempting to only look at data from single sites, individual site data and even data accumulated over several sites in a single year must always be viewed with caution. Ideally, producers should look at yield data collected over many years and locations (long-term yield data) in combination with the multi-site yearly data and select those varieties that perform well not only in their area but across locations and years.

It's not just about yield! Although yield

Winter Wheat Yield Comparisons

Class/Variety	2016 Average Yield (bu./acre)	2016 Yield (bu./ac.)									
		Arborg	Beausejour	Boissevain	Carberry	Carman	Hamiota	Roblin	Rosebank	Stonewall	Winnipeg
Canada Western Red Winter											
AAC Elevate	87	104	118	73	60	76	77	58	102	111	94
AAC Gateway	94	110	117	75	71	84	83	84	102	113	102
CDC Chase	95	111	111	73	68	74	87	88	108	120	115
Emerson	94	98	105	78	91	77	89	89	104	109	100
Canada Western Special Purpose											
CDC Falcon	88	103	113	66	58	77	79	60	98	111	117
Varieties supported for registration, with class designation to be determined by Canadian Grain Commission											
1303-132-2	107	118	136	79	76	90	92	105	111	133	127
W520	100	110	125	76	70	88	87	99	110	119	116
SITE GRAND MEAN (bu./acre)		108	118	74	71	81	85	83	105	116	110
CV%		3.7	4.1	5.0	5.2	9.2	4.0	6.5	3.5	4.6	7.9
LSD (bu./acre)		7	9	7	7	11	6	10	7	10	13
Sign Diff		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Fall Rye Yield Comparisons

Type/Variety	2016 Average Yield (bu./acre)	2016 Yield (bu./ac.)									
		Arborg	Beausejour	Boissevain	Carberry	Carman	Hamiota	Roblin	Rosebank	Stonewall	Winnipeg
Hazlet	110	118	135	69	120	98	99	121	119	124	96
Danko	107	122	130	65	125	96	92	128	125	108	74
Hybrid Fall Rye											
Bono	132	151	152	93	150	137	114	146	150	137	90
Brasetto	134	145	164	86	143	133	118	155	145	141	105
Guttino	133	156	155	82	150	132	117	144	151	142	101
SITE GRAND MEAN (bu./acre)		139	147	79	138	119	108	139	138	131	93
CV%		10.5	4.3	11.5	2.1	5.3	3.8	13.0	7.0	7.5	8.7
LSD (bu./acre)		28	12	17	6	10	8	—	19	18	15
Sign Diff		Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes

is generally the first information producers look at, variety characteristics such as maturity, height, standability and disease resistance are critical to maximizing yield potential, end quality and therefore economic returns. Consider 2016, when stripe rust appeared early in the season in winter wheat, a repeat of 2015. Or fusarium head blight which can impact yield and quality of winter wheat in any given year. Selecting a variety with a strong disease package is one of the keys to maximizing yield and quality.

More information

Refer to *Seed Manitoba 2016* at www.seedmb.ca to review all the variety descriptions, including agronomic attributes and disease-resistance ratings, for winter wheat and fall rye. Also remember the importance of marketing opportunities and potential end uses such as milling, brewing or feed and ethanol when selecting a variety.

Wheat class modernization impacts winter wheat varieties. Effective August 1, 2016 the new Canada Western Special Purpose (CWSP) class came into effect, along with the termination of the Canada Western General Purpose (CWGP) class. This impacted the designation of several winter wheat varieties. Producers need to be aware of these changes, in order to declare that the winter wheat delivery they are making is eligible for a specific western Canadian wheat class. The Canadian Grain Commission's Variety Designation Lists, available on its website, helps producers identify which varieties are eligible for each class.

Seed Manitoba 2017

The *Seed Manitoba* guide will continue to provide the latest unbiased information on post-registration variety performance in Manitoba. *Seed Manitoba* is a collaborative effort

between the Manitoba Seed Growers' Association, Manitoba Agriculture and the *Manitoba Co-operator*. Look for *Seed Manitoba 2017* in December — it will contain 2016 winter wheat protein data for the 10 sites, as well as updated long-term yield data for winter wheat and fall rye.

The early release of the MCVET winter cereal data was only possible through the hard work of a team of contributors including:

- Patti Rothenburger, MCVET co-ordinator;
- Craig Linde, Manitoba Agriculture diversification specialist;
- Anita Brule-Babel, University of Manitoba cereals breeder;
- MCVET Winter Cereal site contractors;
- MCVET sponsors and supporters, including Winter Cereals Manitoba, which provide funding for post-registration winter wheat variety testing.



educate
energize
empower

CANADIAN YOUNG FARMERS' FORUM
LA TABLE PANCANADIENNE DE LA RELEVÉ AGRICOLE
EDUCATE | ENERGIZE | EMPOWER • FORMER | STIMULER | IMPLIQUER

1-888-416-2965 • info@cyff.ca

[f](https://www.facebook.com/cyff) Canadian Young Farmers Forum [@CYFF](https://twitter.com/cyff)

www.cyff.ca

Growing Canada | La culture du Canada
for 150 years depuis 150 ans

#canag150

2017 CYFF Young Farmers
Conference

FEBRUARY 23-27, 2017

WESTIN OTTAWA, OTTAWA, ON

Agriculture and Agri-Food Canada / Agriculture et Agroalimentaire Canada

Growing Forward 2

Agriculture
inspire, flavours, ever

CountryGuide

Dairy Farmers of Canada / Les Producteurs laitiers du Canada

EGG FARMERS OF CANADA / LES PRODUCTEURS D'ŒUFS DU CANADA

CANADIAN CATTLE RAISERS ASSOCIATION

PMDC SECS

Monsanto

Monsanto



Winkler-area research site to help expand markets for vegetable growers

Site will evaluate varieties and crop management techniques for fresh-market potatoes and carrots, and even sweet potatoes

BY LORRAINE STEVENSON
Co-operator staff

Those orange-fleshed sweet potatoes Canadians love eating travel many miles to reach our dinner plates.

Most are grown in the southern U.S., where a much longer and warmer growing season makes commercial production possible.

Now new varietal research, underway near Winkler, may make field production of them possible in a Canadian climate too.

Sweet potatoes are included in plot trials within Peak of the Market's research site on 15 acres south of the community at a former Manitoba Crop Diversification site.

This is the second year of the program, focused on improving yields and developing new varieties to create new production opportunities for potato and carrot growers.

There's keen interest in growing sweet potato here too, given the increasing popularity of it among consumers, says Keith Kuhl, board chair with Peak of the Market and president of Southern Potato at Winkler.

"It seems to be the in thing to eat," he said.

Reports say Canadians newfound love of sweet potato has pushed demand up more than 80 per cent in the past decade.

Manitoba growers want to capture that opportunity and grow and supply that demand locally, Kuhl said.

However, until now, although some have experimented with it, sweet potato requires an entirely different production method, plus available varieties haven't been suited to Manitoba's shorter, cooler climate.

But that's changing, said Kuhl. "Varieties that have come out in the last few years are showing a lot more promise," he said.

"There's a possibility we can actually make it work."

The majority of research trials underway at the site looks at nutrient and pest management issues and needs related to potato production in general, however.

"The No. 1 focus is on new opportunities in potato varieties for the fresh market," said Kuhl.

There again, growers want to capture new opportunities that are emerging in table potatoes. Red-skinned, white-fleshed potatoes have long been a Manitoba staple, but growers are now producing more yellow-fleshed potatoes as demand grows for these. They are also interested in supplying niche product potatoes such as fingerlings, purple-skinned and purple-fleshed potatoes, and red-skinned, red-fleshed potatoes, Kuhl said.

In 2016 there are 29 entries in potato evaluation trials submitted from European breeders as well as from across North America.

Plots are also devoted to varietal evaluations to help grow a better carrot too.

"Genetics in carrots are changing and evolving on an ongoing basis," Kuhl said. What growers hope to get out of this work is a way to boost yields while producing carrots more uniform in size.



New crops and varieties developed here will help expand market opportunities for vegetable farmers, says Keith Kuhl chair of Peak of the Market and Tracy Shinnars-Carnelley, the grower co-operative's director of research and quality enhancement. PHOTO: LORRAINE STEVENSON

"The taste must always appeal to consumers as well," he said. "Taste is always a criteria."

Beyond that, the research site is available for looking at any

other potential crop vegetable growers in Manitoba see potential to sell.

The research is being done in co-operation with the Vineland

Research Innovation Centre out of Ontario.

"Peak of the Market's research program has been growing over the last few years," said Tracy Shinnars-Carnelley, Peak's director of research and quality enhancement, adding that growers have been trying varieties on their own farms.

Having this site will enable growers to see new varieties here too, and if something interests them, they can grow them on a larger scale and evaluate them on their own farms, she said.

Peak of the Market growers are contributing more than \$477,000 toward the three-year research project.

Last week provincial Minister of Agriculture Ralph Eichler and federal Agriculture Minister Lawrence MacAulay announced

a contribution of \$210,000 to support the Winkler-area research project.

The research will provide vegetable growers with relevant information to help them make decisions for their farms, Eichler said in a press release.

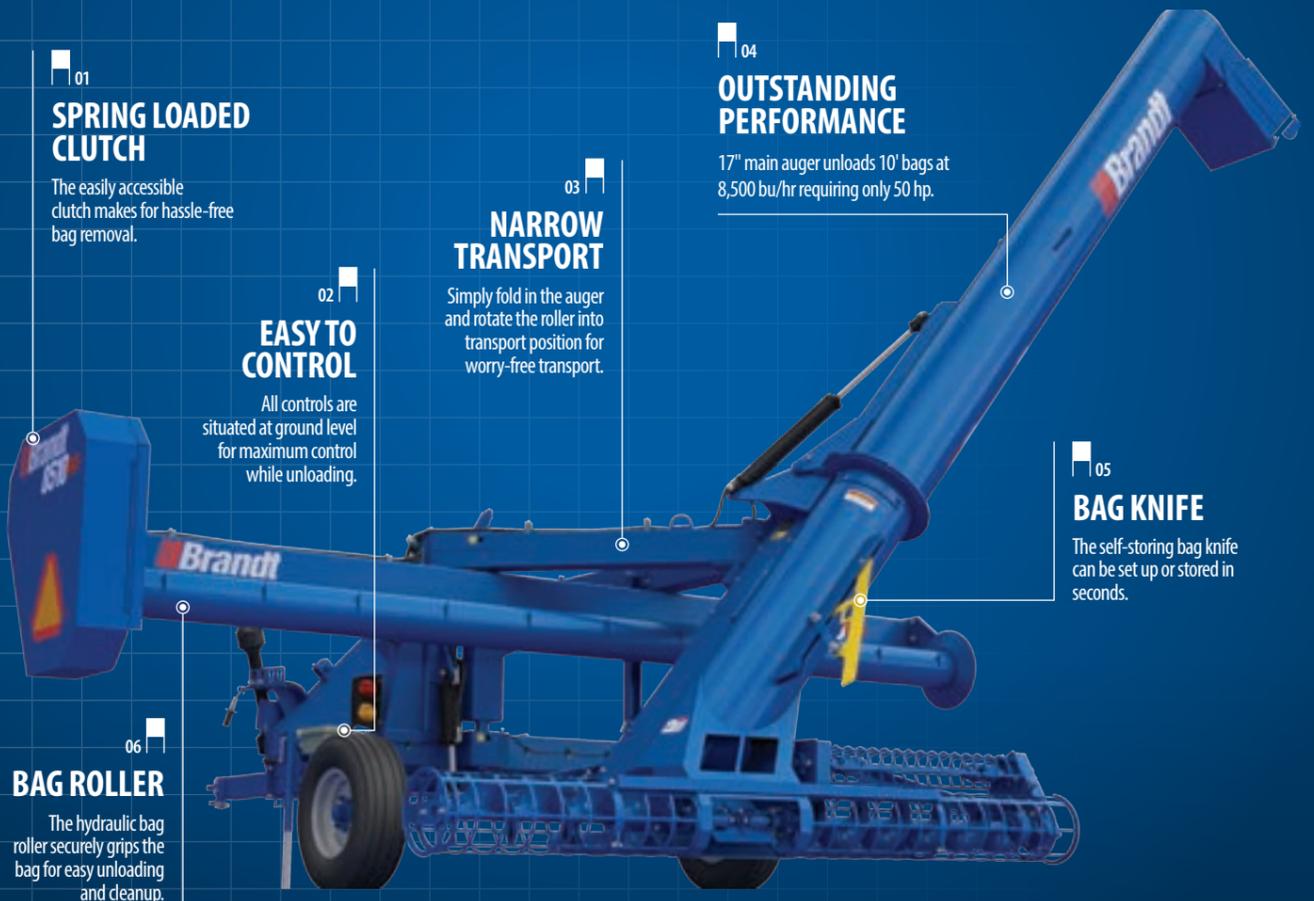
"Vegetables are important crops for the province's farmers and for our agriculture industry, while also having the added benefit of making more nutritious and locally grown food available for Manitobans," he said.

Manitoba farmers grow more than 9,000 acres of fresh market potatoes and 600 acres of carrots for Peak of the Market every year. The organization and its growers employ more than 1,000 Manitobans.

lorraine@fbcpublishing.com

OUT OF THE BAG. NOW.

Get the job done fast with Brandt's 8510 GrainBag Unloader. With its heavy-duty, easy-to-operate design and a 17" auger that will move 8,500 bushels per hour, the Brandt 8510 is an indispensable part of your grain storage system. Get your grain out of the bag and off to market faster and more easily than ever with Brandt. That's Powerful Value. Delivered.



01 **SPRING LOADED CLUTCH**

The easily accessible clutch makes for hassle-free bag removal.

02 **EASY TO CONTROL**

All controls are situated at ground level for maximum control while unloading.

06 **BAG ROLLER**

The hydraulic bag roller securely grips the bag for easy unloading and cleanup.

03 **NARROW TRANSPORT**

Simply fold in the auger and rotate the roller into transport position for worry-free transport.

04 **OUTSTANDING PERFORMANCE**

17" main auger unloads 10' bags at 8,500 bu/hr requiring only 50 hp.

05 **BAG KNIFE**

The self-storing bag knife can be set up or stored in seconds.

brandt.ca | 1-866-427-2638



Aerial imagery deal signed

Two Manitoba companies are major players in the new venture

STAFF

A Manitoba-based John Deere dealership has inked a deal to give customers access to drone services that can generate images used to help make decisions about land and water management.

Enns Brothers joins Saskatchewan-based Western Sales in linking up with Green Aero Tech last month. Green Aero Tech was founded in 2012 in the Red River Valley and today works across Western Canada.

"We're not drones for the sake of drones," said Scott Hiebert, CEO of Green Aero Tech. "We tailor our services to the client."

Hiebert says the service will collect accurate data and work with the dealerships to deliver that information to customers. That includes information like elevation reports related to drainage, multi-spectral imag-



A new deal gives John Deere customers access to drone imagery. PHOTO: THINKSTOCK

ing for crop stress management, and thermal imaging for research purposes. They're also working on a special interface for John Deere dealerships to allow the data to interface with existing software.

"Working with Green Aero Tech means we're capable of delivering solutions to our entire trade area," said Mitch Rezansoff, Integrated Solutions manager at Enns Brothers. "They're a trusted extension of

our team, putting the latest in drone technology right at our fingertips."

For Green Aero Tech this deal gives them access to the customer bases of two of Canada's largest John Deere dealerships.

EU regulators to investigate Dow, DuPont merger

The companies still expect to close their deal by year's end

BY FOO YUN CHEE

Brussels / Reuters

EU antitrust regulators have opened a full investigation into Dow Chemical and DuPont's proposed US\$130-billion merger, saying the deal may reduce competition in crop protection, seeds and some petrochemicals.

The European Commission said the deal, which would create the world's largest integrated crop protection and seeds company, may also hurt innovation.

"The livelihood of farmers depends on access to seeds and crop protection at competitive prices. We need to make sure that the proposed merger does not lead to higher prices or less innovation for these products," European Competition Commissioner Margrethe Vestager said in a statement Aug. 11.

The EU competition enforcer said concessions offered by the companies last month were insufficient to allay its concerns. Neither the commission nor the companies provided details on the offer. The regulator delayed its final decision on the deal to Dec. 20.

Dow Chemical and DuPont said they would work constructively with the commission to address its concerns and that they still expected the deal to close by the end of 2016.

The companies, in a release, described the EU review as "a common next step in the review process for a transaction of this size and scope."

Both companies are major suppliers of herbicides, insecticides, leading producers of gene editing technology as well as strong suppliers of specialty polyolefins which are widely used in packaging and adhesive applications.

The sector has seen a consolidation surge in recent months as companies bulk up to better compete with rivals.



CARRY ON

TO YOUR SEED DECISION

We're with you to make sure you've got the right seed for your farm — like Genuity® Roundup Ready® canola. It's the system that tackles tough weeds and gives you powerful yields and ultimate versatility against Western Canada's extremes. Count on CPS for the seed and agronomic advice you need for a successful crop. So much riding on your farm, so many ways to profit from our experience.

BRING IT ON



Get rewarded when you grow canola in 2017. Register at RealFarmRewards.ca and book your canola with your local CPS retail today.

ALWAYS FOLLOW GRAIN MARKETING AND ALL OTHER STEWARDSHIP PRACTICES AND PESTICIDE LABEL DIRECTIONS. Details of these requirements can be found in the Trait Stewardship Responsibilities Notice to Farmers printed in this publication © 2016 Monsanto Canada, Inc. CPS CROP PRODUCTION SERVICES and Design is a registered trademark of Crop Production Services, Inc. 08/16-51673

PLANT NUTRITION | SEED | CROP PROTECTION | FUEL | STORAGE & HANDLING | ECHELON

Crop
Production
Services 



A great way to
Buy and Sell
without the effort.

Manitoba Co-OPERATOR

Classifieds

FARMER'S MARKETPLACE CLASSIFIEDS

Manitoba Co-operator
The Western Producer

POWERED BY **Farmzilla** | POWERING CANADA'S FARM MARKETPLACE

Selling?

Call to place your classified ad in the next issue: **1-800-782-0794**

EMAIL your classified ads to: mbclassifieds@fbcpublishing.com

ANNOUNCEMENTS 0200 **ANTIQUÉ EQUIPMENT 0703** **AUCTION SALES 0900** **AUCTION SALES 0900** **AUCTION SALES 0900** **AUCTION SALES 0900**

GUN & MILITARIA SHOW
Sunova Centre
West St Paul Rec Centre
48 Holland Rd
Located North of the
North Perimeter Hwy
between McPhillips & Main St
off Kapelus Rd
WINNIPEG, MB.
SUNDAY, SEPTEMBER 18TH, 2016
10 a.m. - 3 p.m.
Adults \$5.00 - Women free
Children under 12 accompanied
by an adult free
There will be dealers
from Ontario, Saskatchewan
and Manitoba
Show Sponsored by the MCC of C

NEW TRACTOR PARTS. Specializing in engine rebuild kits and thousands of other parts. Savings! Service manuals and decals. Steiner Parts Dealer. Our 43rd year! www.diamondfarmtractorparts.com
Call 1-800-481-1353.

Stretch your advertising dollars! Place an ad in the classifieds. Our friendly staff is waiting for your call. 1-800-782-0794.

COMMUNITY CALENDAR

MANITOBA 0340

MULVEY "FLEA" MARKET. Osborne and Mulvey Ave. E. Winnipeg. Saturday's, Sunday's, Holidays, 10AM-5PM. 40+ vendors. A/C. Debit, Visa, MC. Table or booth rental info call 204-478-1217, mulveymarket.ca

AIRPLANES 0400

PIPER PA22-20, 3637 TT, 150 HP, 947 eng. hrs., wing tip exts., Vortex generators, Cleveland brakes, Scott tail wheel, new battery, new turn and bank, new DG, new vertical compass, Tanis engine heater, \$35,000. Skis and extra propeller available. 306-768-7330, Carrot River, SK.

ALWAYS HANGARED, org. J3 Cub 65 HP metal prop, recent ceconite. Good inside/out. 3770.20 TT Airframe, 1185.2 SMOH, engine 33 hrs. since top overhaul. Extra 5 gallon wing tank, shoulder harness, cyl temp. Estate sale \$35,000 cdn. Phone 204-836-2686, St. Alphonse, MB.

ALARM/SECURITY SYSTEM 0500

CAB CAM CAMERAS observation systems, wired and wireless, accessories, top quality savings. Call 1-800-481-1353. www.diamondfarmtractorparts.com

ANTIQUES

ANTIQUÉ EQUIPMENT 0703

ADRIAN'S MAGNETO SERVICE. Guaranteed repairs on mags and ignitors. Repairs. Parts. Sales. 204-326-6497. Box 21232, Steinbach, MB. R5G 1S5.

FORD TRACTOR PARTS. Specializing in 8N, 9N, and 2N tractor parts and engine kits. Plus all other Ford models. Manuals. www.diamondfarmtractorparts.com Call 1-800-481-1353.

ADVERTISING DEADLINE: NOON on THURSDAYS (unless otherwise stated)

ADVERTISING RATES & INFORMATION

- REGULAR CLASSIFIED**
- Minimum charge — \$11.25 per week for a 3 line word ad. Each additional line is \$1.98. Additional holding 75 cents per word. GST is extra.
 - 10% discount for prepaid ads. If phoning in your ad you must pay with VISA or MasterCard to qualify for discount.
 - Prepayment Bonus: Prepay for 3 weeks & get a bonus of 2 weeks; bonus weeks run consecutively & cannot be used separately from original ad; additions & changes accepted only during first 3 weeks.
 - Ask about our Priority Placement.
 - If you wish to have replies sent to a confidential box number, please add \$5.00 per week to your total. Count eight words for your address. Example: Ad XXXX, Manitoba Co-operator, Box 9800, Winnipeg, R3C 3K7.
 - Your complete name and address must be submitted to our office before publication. (This information will be kept confidential and will not appear in the ad unless requested.)
- DISPLAY CLASSIFIED**
- Advertising copy deviating in any way from the regular classified style will be considered display and charged at the display rate of \$32.20 per column inch (\$2.30 per agate line).
 - Minimum charge \$32.20 per week + \$5.00 for online per week.
 - Illustrations and logos are allowed with full border.
 - Spot color: 25% of ad cost, with a minimum charge of \$15.00.
 - Advertising rates are flat with no discount for frequency of insertion or volume of space used.
 - Telephone orders accepted
 - Price quoted does not include GST.
- All classified ads are non-commissionable.



1946 2N FORD tractor, steel wheels (rare), new: electrical, battery, fluids, steering wheel, gauges, radiator, muffler. Prof. sandblasting and paint, \$5200. 306-864-2423, Kinistino, SK.

Advertise your unwanted equipment in the Classifieds. Call our toll-free number and place your ad with our friendly staff, and don't forget to ask about our prepayment bonus. Prepay for 3 weeks and get 2 weeks free! 1-800-782-0794.

ANTIQUÉ MISC. 0710

BULLDOG FANNING MILL; 5' ice saw; 2 hay knives; Brass grain probe; Westfalia cream separator; 2 hand water pumps; Fairbanks Morris 500 lb. platform scale; Double trees and neck yokes. 204-256-8668, 204-425-3602, Zhoda, MB.

WANTED: TRACTOR MANUALS, sales brochures, tractor catalogs. 306-373-8012, Saskatoon, SK.

AUCTION SALES 0900

PLAN TO ATTEND the Huge Auction Sale for Walter Johnston of Carrot River on Saturday, Sept 24, 2016 at 9:00 AM. Sale located 2 miles east of Carrot River, SK. past sawmill. Watch for Signs. Items for Auction: D7E Cat; New set of D7 Cat tracks; John Deere 1010 crawler; Factory built 24' bandsaw sawmill c/w 20 HP Honda engine; Like new 1985 Honda 250 3 wheeler; Like new Polaris 250 Colt snowmobile; Tractors; Vehicles; Power units; Trailers; Large quantity of shop tools & equipment; Steel; Woodworking; Lumber; Grain bins; Antique items; And household. Do not miss this Sale!! Excellent Items. Sale conducted by Rick McAuley Auction Services. PL#913568. White Fox, SK. This is only a partial listing. View more on-line at: www.rickmcauleyauctions.com

Call our toll-free number to take advantage of our Prepayment Bonus. Prepay for 3 weeks and we'll run your ad 2 more weeks for free. That's 5 weeks for the price of 3. Call 1-800-782-0794 today!

McSherry Auction Service Ltd
AUCTION SALE
Estate of Andrew & Donna Kachkowsky
Sun. Sept. 11th @ 10:00 am
Lockport, MB - 253 Rockhaven Rd
Contact: (204) 295-9730

- MF 35 Utility 3PH w MF200 FEL * Ford 8 N 3PH * 01 GMC Safari Cargo Van * 96 GMC 1500 4 x 4 * 75 GMC 3 Ton Truck w 14' B & H * BH 16' Flat Deck Trailer * Al 14' Boat * 50 HP Mercury * BH 14' Camper * JD 160 R Mower * JD Snowblower * JD 50 Metal Trailer * Air Comp 3 HP * Gas Port Air Comp * Power Tools * Air Tools * Onan Engine * Sleeper for 1/2 Ton * Antique Outboards * Navy Boat Anchor * Brass Propeller * "Bennett" Lubster * Ignition Cabinets * Auto Brass Horn * Auto Lights * Auto Parts * Licence Plates * OIL CANS * Lawyers Bookcase * DR Table * Table * Trunk * Hall Mirror * Airplane Ashtray Stand * Brass Fan * Pocket Watches * Lamps * Crocks * Lincoln Truck * Magazines * 2) Coca Cola Coolers * Post Office Sign * Pepsi Sign * Pepsi Clock * Coca Cola Sign* 7 Up Signs * Traffic Signs * Calendars * Household * Fridge * 2) Deep Freezers 1) Upright * Wicker Furniture * LR Chairs * Bedroom Furniture * **Lots More- Go to Web!!!!**

Stuart McSherry
(204) 467-1858 or (204) 886-7027
www.mcsberryauction.com

LARGE EQUIPMENT AUCTION

***FARM RETIREMENT**
***REPO *GARAGE KEEPERS ACT**
***GERHARD KAYSER MOVING SALE**
SATURDAY SEPTEMBER 17th 10AM

Location: 218 Brandt Street, Steinbach, Manitoba
Note: Equipment Starts at 11 AM. Remainder of Household & Misc Sold Near the end of the Auction

TRACTORS *Case IH 895 Diesel Tractor, MFWD, Loader, Cab, 3 PTH *John Deere 4440, Duals, 8200hrs, AC *684 IHC Diesel, 3 PTH, Cab, 3511 hrs *McCormick Farmall M **EQUIPMENT** *2003 John Deere Diesel 4895 SP Windrower, 1668hrs, AC, 895 PowrReverser Header (excellent shape) *2001 Case IH 2388 Combine, Pickup Header *1995 Case IH 2188 Combine, Pickup Header *Hydraulic Dirt Scraper *Hydraulic Pull Type Grader *McCormick Horse Drawn Sickle Mower *Land Roller **HEAVY TRUCKS AND TRAILERS** *2003 Freightliner FL80 5T 27ft Refer Truck *2000 Volvo VN , Detroit S60 (rebuilt at 387K) 13spd Eaton Fuller, A/R Susp, 655K *1991 Utility 48R T/A Van Trailer *1973 Fruehauf 45ft T/A Storage Van Trailer **VEHICLES** *2004 Dodge Ram 3500 Laramie Quad Cab 4X4, 5.9 Cummins, 384K, Safety *2008 Dodge Grand Caravan, DVD, Sto-n-Go, 3.3L, 298K, Safety *2005 Ford F350 Lariat, 4dr Crew Cab, 4X4, Diesel *2005 Ford F-150 4 Door Crew, 4X4, Safety, 200K *2004 Toyota Sienna XLE Limited AWD, Leather, DVD, Safety, 265K *2000 Lexus RX300, 4WD, 155K mi. Safety **YARD TRACTORS & EQUIPMENT** *2003 Windrower with 895 PowrReverser Header add in that its a 14ft *2016 John Deere X350 Lawn Tractor, 48" Deck, 25 hrs *Allis Chalmers 5015 Sub Compact 18 HP Diesel, 3 pt *3 pt Harrows *Caroni TC590N 60" 3 pt Finish Mower *48" Farm King 3 pt Finish Mower *7ft Farm King 3 pt Blade *6ft Farm King 3 pt Discer *(2) 3 pt Rotary Tillers **SKID STEER ATTACHMENTS** *Stout 48" Walk-Thru Pallet Forks *Stout 48" Full Back Pallet Forks *Stout 96" Snow Bucket *(2) Stout Rock Bucket Grapple HD72-3 *Stout Brush Grapple HD72-8 *Stout Brush Grapple HD66-9 *BR72 Angle Broom *S72 Sweeper w/ 0.6 Cubic Yard Bucket *(2) 86" Dozer Blades/Snow Pusher *(4) 94" Dozer Blade/Snow Pushers *(2) BC72 Brush Cutters *TR900/200 Industrial Trencher **SKID STEER TIRES (SOLD IN SETS OF 4)** *(12) Hosoon Skid Steer Tires 12-16.5 N.H.S. *(12) Hosoon Skid Steer Tires 10-16.5 N.H.S. *(4) 10-16.5 Maxam Skid Steer Tires 10 ply **INDUSTRIAL & SHOP TOOLS** *New 100 Ton Heavy Truck Scale *Lincoln 225 amp Stick Welder *Industrial Air Pontoon Air Compressor, 4 gal, Honda Engine (new) *Goodyear Air Hose Reel w/ 50ft 1/2" Hose (new) *(2) 8 gal portable air compressor *6/12V Battery Charger *3000 PSI PH Gas Pressure Washer (new) *New Tire Changer Machines (110V) *New Wheel Balancer Machines *(2) 2000W Inverter Generators (new) *10,000 BDG Belt Drive Generator Head (new) *Reddy Heater 70,000 BTU Diesel Heater *New Deep Crossover Alum Truck Tool Boxes (fits most full size trucks) *Alum Storage Chest Truck Box (36 3/4inX20 1/2inX18 1/2in) *Fronton 125 Flux Core Wire Welder *Arc 180 AC/DC Welder *Honda GX390 Engine, horizontal shaft *420cc PH Engine, horizontal shaft *Dewalt 14" Chop Saw D28715 *16 spd Bench Drill Press *14" PH Chain Saw *1 HP Shallow Well Pump w/ Pressure Tank (new) *Strongway Hose Reel Cart Holds 400ft 5/8" Hose *12V Electric Trailer Jack 3500lb Cap w/ remote **BUILDING SUPPLIES & STORAGE BUILDINGS** *Large Qty New Sheet Metal Siding (18ft, 16ft, 14ft, 12ft, approx 2000 sheets total) *Approx 100 30ft Laminated Posts for pole buildings *30X85, 30X40, 20X30 Cover All Peak Shelter Buildings *20X40 Pagoda Party/Event Tents *16X22 Marquee Party/Event Tents **LIVESTOCK EQUIPMENT** *(2) Rugged Ranch Squeeze Chutes *Large Qty Panels & Gates (7ft, 8ft, 10ft Panels) **HOUSEHOLD & MISC** *Large N Scale Electric Train Set (original invoice \$6000) *Coin & Paper Money Collection (sold in 4 lots at 10AM) *Solid Wood Table & 6 Chairs, China Cabinet *Household Furniture *Doll Collection *Bell Collection *Bosch Axis Stackable Washer & Dryer *20ft Bi-Parting Rot Iron Driveway Gates *Misc Housewares *Note: It is possible for some items to be pulled from the sale. Especially bank repo and farm credit items when a payment is made. Also many items will be added. *Please check our website closer to sale date for most accurate listing.

Full Listing At www.pennerauctions.com
PENNER AUCTION SALES LTD.
218 Brandt Street Steinbach, MB Ph: 204.326.3061 Fax: 204.326.7529
Toll Free: 1-866-512-8992 Sale Conducted by: PENNER AUCTION SALES LTD.
www.pennerauctions.com

Search Canada's top agriculture publications... with just a click. **AGCanada.com Network**

CLASSIFIED CATEGORY INDEX

Announcements & Calendars	0100 - 0340
Airplanes	0400
Antiques Sales & Auctions	0701 - 0710
Auction Sales	0900
Auto & Transport	1050 - 1705
Business Opportunities	2800
Contracting & Custom Work	3510 - 3560
Construction Equipment	3600
Farm Buildings	4000 - 4005
Farm Machinery	4103 - 4328
Livestock	5000 - 5792
Organic	5943 - 5948
Personal	5950 - 5952
Real Estate Sales	6110 - 6140
Recreational Vehicles	6161 - 6168
Rentals & Accommodations	6210 - 6245
Seed (Pedigreed & Common)	6404 - 6542
Careers	8001 - 8050

For a complete category list visit us online at: <http://classifieds.producer.com>

UNRESERVED ESTATE AUCTION SALE

1249 Manahan Ave.
Saturday, Sept. 17th at 11:00 am
(Viewing Day Before 9:00 am till 3:00 pm Only)

Having received instructions from the Executor Managers of K&K Mfg. Inc., we will sell the following: (Part 1)

- FORKLIFTS & SCISSOR LIFTS**
4-Sky Jacks scissor lifts * Mec Scissor Lift* Hyster 15,000 lbs. gas forklift* Allis Chalmers propane 6,000 lbs. forklift* Cast MC 30 electric forklift 3,000 lbs.*
SHELVING
6-Cantilever racks* assorted pallet rack beams* 10-sections of Interlake pallet racking*
EQUIPMENT & TOOLS
Bertsch & Co. 16' 3/16 shear* Cincinnati 10' brake* Chicago 16' brake* Cincinnati 9' shear 3/16" Roussell punch press* 2-older punch press* UBT Iron worker type 210-13 model 1102" 4-Industrial drill presses* Miller MP-30E welder* Canox Starpower 304c-cc/cu" Miller CP-200 welders* Lincoln electric Power Arc 5000" Pynablast pressure washer & others* Rigid 535 pipe threader* Rigid 300 pipe threader* Milwaukee magnetic drill* power hack saw* Fairbanks-Morse scale* electric mobile cement mixer* 7-pallet jacks* 6' electric plate roller* etc.
MISCELLANEOUS
fencing (5-gates, rolls of fencing w/poles)* 5-8X8 pressure treated timbers* 6x4 Safe w/key* 1-mobile stock ladder* Rite TS-2000 trailer stand* assorted propane cages* assorted forklift chargers* Coifing worm drive hoist* Large vise* sheets of metal* strapping machines* Canarm mobile fan* pallet metal siding* assorted farms & flooring* plus other misc. items too numerous to mention.

TERMS:
Cash, Visa, MasterCard & Debit Paid in Full Day of Sale, 5% Buyer's Fee
"Everything Sold As is, Where is" with no warranties implied or expressed
"SUBJECT TO ADDITIONS & DELETIONS"
KAYE'S AUCTIONS
204-668-0183 Wpg.
www.kayesauctions.com

McSherry Auction Service Ltd
CONSTRUCTION/ AGRICULTURE
Marilyn Mateychuk Late George

Sat. Sept. 17th @ 10:00 am
Steinbach, MB - 15 Miles South On Hwy 12 #38019 or 5 Miles North West on Hwy 12 - Zhoda Turn Off
Contact: (204) 434-6622
AUCTION NOTE: Internet Bidding will be available!
Go to www.bidspotter.com

- Crawlers, Excavators & Screener:** CAT 225 Track Excavator 5991 Hrs * Screener 28" W 36" L 4 Cyl Wisc w Side Load Hopper * CAT D7 P Shift Hyd Angle Dozer * 87 CAT D6B Straight Dozer w Winch 6714 Hrs * Komatsu 65E P Shift Straight Dozer Ext Track Full Canopy * CAT D7E Disassembled Not Complete - For Parts * **Wheel Loaders, Graders & Scrapers:** 2) Champion 740 Graders w Snow Wing 1) P Shift * AC 940 P Shift 3 Yard Wheel Loader 3124 Hrs * Michigan 75A Series 3, 2 1/2 Yard Wheel Loader * Int 3850 1 1/2 Yard Wheel Loader * 2) Cat 619 Scraper Buggy Std * **Tractors & Skid Steer:** JD 6605 MFWA Cab Quad P Shift w L/H Rev 3 PH 540/1000 FEL w 5903 Hrs. * Ford New Holland TD 145 Bi Direct w FEL & 3PH 3300 Hrs * Case 2290 Cab 540/1000 w Factory Duals 9641 Hrs * 94 Belarus 5170 MFWA Cab 3PH 540/1000 w FEL 4372 Hrs. * JD 3020 Dsl 540/1000 w FEL * 2) Vers 145 4 Wheel Drive * Bobcat 722 Skid Steer 4536 Hrs. * Ford 8 N 3PH * **Farm Equip:** NH 414 12' Disc Bine * Vermeer 605 J Auto Tie Rd Baler * Vicon 6 Wheel rake * AC Side Del. Rake * Amco 24' Tandem Disc * Hyd 48' Diamond Harrows * Crown Hyd Rock Picker * JD Trail 6' Rotary Mower * Flexicoil Trailer Post Pounder * 3PH Posthole Auger * **Trucks:** 93 Chev 2500 Gas 350 4x4 w Service Box 229,000 KM * 92 Western Star Wet Kit 1,123,038 KM * 73 Kenworth W900 Wet Kit * 73 White Freightliner w Wet Kit * **Trailers:** Martin 50 Ton Triple Axle Low Bed * 82 Great Dane 20 Yard Belly Dump Gravel Trailer * 75 Ames 22' End Dump * Trailmobile 50' Flat Deck Highboy w Sliding Tandem * Semi 40' 2 Room Freight Trailer * 03 ABU B H 16' Tandem Flat Deck Trailer * WW B H 16' Tandem Skid Trailer * BH 12' Flat Deck w Fuel Tank * Semi Converter * **Construction Misc:** Hobbard Trailer Gas Welder * Gardner Denver Trailer Air Compressor 4 Cyl Dsl * 5 HP Pull Type 6' Vibrating Packer * 2) Snow V Plows * D8 Straight Dozer * Angle Dozer for D7 * 7' 3 Way Dozer * Dozer A Frame for D8 * Grader Blades * Hyd Cylinders * Pup Engine Off D7E * Air Jack Hammer * **Misc & Tools:** Squeeze Chute * Corral Panels * Honda 5000 Watt Generator 25 Hrs * Water Pumps * Fuel Slip Tanks w 12 V Pumps * Trailer Post Auger w New Engine * Tire Machine & Balancer * Metal Band Saw * Upright Air Comp * Acetylene Torches * Drill Press * Hyd Crimper w Fittings * Air Tools * Power Tools * Hand Tools * Shop Misc *

Stuart McSherry
(204) 467-1858 or (204) 886-7027 www.mcsberryauction.com



MORE AND MORE FARMERS are choosing Mack Auction Co. to conduct their farm equipment auctions!! Book your 2016 auction today! Call 306-634-9512 today! www.mackauctioncompany.com PL311962

Call our toll-free number to take advantage of our Prepayment Bonus. Prepay for 3 weeks and we'll run your ad 2 more weeks for free. That's 5 weeks for the price of 3. Call 1-800-782-0794 today!

NEED TO SELL?
Get great exposure at a great price! Call today to place your ads by phone.

Manitoba Co-OPERATOR CLASSIFIEDS WORK

1-800-782-0794

McSherry Auction Service Ltd
AUCTION SALE
Huge Estate of Lionel Filion
Sat. Sept. 10th @ 10:00 am
Steep Rock, MB -
 2 1/2 Miles East on Hwy 239
Contact: Erwin (204) 768-0183
 Modern & Vintage Items * Over 25 Tractors * Crawlers * Wheel Loader * Haying & Grain Equip * Vintage Vehicles * Saw Mill * Tools * Antiques *
Stuart McSherry
 (204) 467-1858 or (204) 886-7027
www.mcsherryauction.com

AUTO/TRANSPORT
AUTO/TRUCK PARTS
 1100

WRECKING SEMI-TRUCKS, lots of parts. Call Yellowhead Traders. 306-896-2882, Churchbridge, SK.

VS TRUCK WORKS Inc. Parting out GM 1/2 and 1 ton trucks. Call 403-972-3879, Alsask, SK. www.vstruckworks.com

TRUCK BONEYARD INC. Specializing in obsolete parts, all makes. Trucks bought for wrecking. 306-771-2295, Balgonie, SK.

ONE OF SASK'S largest inventory of used heavy truck parts. 3 ton tandem diesel motors and transmissions and differentials for all makes! Can-Am Truck Export Ltd., 1-800-938-3323.

SOUTHSIDE AUTO WRECKERS located in Weyburn, SK. 306-842-2641. Used car parts, light truck to semi-truck parts. We buy scrap iron and non-ferrous metals.

WRECKING TRUCKS: All makes all models. Need parts? Call 306-821-0260 or email: junkman.2010@hotmail.com Wrecking Dodge, Chev, GMC, Ford and others. Lots of 4x4 stuff, 1/2 ton - 3 ton, buses etc. and some cars. We ship by bus, mail, Loomis, Purolator. Lloydminster, SK.

SASKATOON TRUCK PARTS CENTRE Ltd. North Corman Industrial Park. New and used parts available for 3 ton trucks all the way up to highway tractors, for every make and model, no part too big or small. Our shop specializes in custom rebuilt differentials/transmissions and clutch installations. Engines are available, both gas and diesel. Re-sale units are on the lot ready to go. We buy wrecks for parts, and sell for wrecks! For more info. call 306-668-5675 or 1-800-667-3023. www.saskatoontruckparts.ca DL #914394

WRECKING VOLVO TRUCKS: Misc. axles and parts. Also tandem trailer suspension axles. Call 306-539-4642, Regina, SK.

TRUCK PARTS: 1/2 to 3 ton, new and used. We ship anywhere. Contact Phoenix Auto, 1-877-585-2300, Lucky Lake, SK.

BUSES
 1300

SCHOOL BUSES: 23 to 66 passenger, 1991 to 2007, \$3000 and up. 16 buses in stock! Call Phoenix Auto, Lucky Lake, SK. 1-877-585-2300. DL #320074.

CARS
 1400

2015 SUBARU WRX, 2.0L H-4 cyl, 30,963 kms, stk#U02102. Call for our best price! Call 1-877-373-2662, DL #914077, or www.subaruofsaskatoon.ca

1976 CADILLAC FLEETWOOD 75 Series, 9 passenger limo, BC car, factory divider window. Last full sized GM factory limo, 105,000 orig. miles, good cond., asking \$9500. 306-789-0246, Regina, SK.

2012 SUBARU LEGACY 2.5i Ltd. AWD. 2.5L H-4 cyl., 61,869 kms, stk# SK-5357A. Call for price! 1-877-373-2662 or www.subaruofsaskatoon.ca DL #914077.

TRAILERS

GRAIN TRAILERS
 1505

PRAIRIE SANDBLASTING & PAINTING. Trailer overhauls and repairs, alum. slopes and trailer repairs, tarps, insurance claims, and trailer sales. Epoxy paint. Agriculture and commercial. Satisfaction guaranteed. 306-744-7930, Saltcoats, SK.

REMOTE CONTROL TRAILER CHUTE OPENERS can save you time, energy and keep you safe this seeding season. FM remote controls provide maximum range and instant response while high torque drives operate the toughest of chutes. Easy installation. **Kramble Industries**, call 306-933-2655, Saskatoon, SK. or visit us online at: www.kramble.net

LOOK HERE

NORMS SANDBLASTING & PAINT, 40 years body and paint experience. We do metal and fiberglass repairs and integral to daycab conversions. Sandblasting and paint to trailers, trucks and heavy equip. Endura primers and topcoats. A one stop shop. Norm 306-272-4407, Foam Lake SK.



WE ARE NOW dealers for Emerald grain trailers, tandem, tri-axle and Super B. Built in Western Canada. Cam-Don Motors Ltd., 306-237-4212, Perdue, SK.

CHEAP TANDEM GRAIN TRAILER, ready for the field. Call 306-290-6495, Saskatoon, SK.

NEW WILSON AND Castletons: 44' tridem, 3 hopper and 2 hopper and 36' tandem; 2014 Wilson Super B; 2010 Lode-King alum., with alum buds, lift axles, Michaels chute openers; 2005 Lode-King Super B. Ron Brown Imp. 306-493-9393 www.rbisk.ca DL#905231

1996 MIDLAND 24' tandem pup, stiff pole, completely rebuilt, new paint and brakes, like new, \$18,500. Merv 306-276-7518, 306-767-2616, leave message, Arborfield, SK. DL #906768.

GRAIN TRAILERS
 1505

SANDBLASTING AND PAINTING. We do welding, patching, repairs, re-wiring of trucks, trailers, heavy equipment, etc. We use Epoxy primers and Endura topcoats. Competitive rates. Contact Agrimex at 306-331-7443, Dysart, SK.

LIVESTOCK TRAILERS
 1510

GRASSLAND TRAILERS OFFERING quality trailers at wholesale prices. 20' steel livestock, starting at \$13,450; 20' aluminum livestock, starting at \$21,650. Call Glen, 306-640-8034, Assiniboia, SK. or email: gm93@sasktel.net



2016 NORBERT'S 53' ground load stock trailer. For specs, pics and price, visit www.kramerauction.com 1-800-529-9958.

MISC. TRAILERS
 1515

HAUSER GOOSENECK TRAILERS: Featuring 2 trailers in 1, use as HD gooseneck trailer and/or round bale transporter. Mechanical side self-unloading. LED lighting. Ramps optional. Hauser's Machinery, Melville, SK. 1-888-939-4444. www.hausers.ca

2011 MANAC 53' FLAT tri-axle step deck, good condition, low miles, w/3 bunks, 12 winches sliding on left side, \$26,500 OBO. 306-641-0071, Yorkton, SK.

REBUILT 1990 DOEPKER 32x32 hay trailers, air ride w/lift axles, Beacons, wide load lights, totally refurbished, \$30,500. Can deliver. 204-729-7297, Brandon, MB.

100 MISC. SEMI TRAILER FLATDECKS, \$2,500 to \$30,000. 7 heavy tri-axle low beds and 8 16-wheelers, \$18,800 to \$70,000. 306-222-2413, Saskatoon, SK. www.trailerguy.ca



2013 CANUCK END DUMP gravel trailer, air ride, manual tarp, vg cond., new MB. safety, \$45,000. Can deliver. Call anytime 204-743-2324, Cypress River, MB.

BEHNKE DROP DECK semi style and pintle hitch sprayer trailers. Air ride, tandem and tridems. Contact SK: 306-398-8000; AB: 403-350-0336.

2015 53' STEPDECK Lode-King w/flip over ramps, bale racks, bunks, and pullout lights. 306-778-3306, Swift Current, SK.

TOPGUN TRAILER SALES "For those who demand the best." PRECISION AND AGASSI TRAILERS (flatdecks, end dumps, enclosed cargo). 1-855-255-0199, Moose Jaw, SK. www.topguntrailersales.ca

PRECISION TRAILERS: Gooseneck and bumper hitch. You've seen the rest, now own the best. Hoffer trailers, Odessa, SK. 306-957-2033 www.precisiontrailer.com

53' AND 48' tridem, tandem stepdecks, w/wo sprayer cradles; 53', 48' and 28' tridem, tandem highboys, all steel and combos. Super B Highboys, will split; Tandem and S/A converter w/drop hitch; 53'-28' van trailers. S/A Freightliner, Allison auto, van body w/power tailgate. Ron Brown Imp. 306-493-9393, Delisle, SK. DL #905231. www.rbisk.ca

2008 WABASH 51' tandem axle dry van, low miles, current SK. safety, \$12,500. Call Larry at 306-563-8765, Canora, SK.

14' TANDEM UTILITY flat deck w/ramps, 12,000 lbs. GVW, new safety, \$4250 OBO. 204-794-5979, Springfield, MB.

24' GOOSENECK 3-8,000 lb. axles, \$7890; Bumper pull tandem lowboys: 18', 14,000 lbs., \$4450; 16', 10,000 lbs., \$3390; 16', 7000 lbs., \$2975. Factory direct. 888-792-6283. www.monarchtrailers.com

TRUCKS

NEWEST TO OLDEST
 1595

2015 CHEV 3/4 ton, High Country, DMax, crewcab, 4x4, 6.6L V8, load, 36,145 kms, Stk#G1276A, \$68,995. 1-800-667-0490. www.watrousmainline.com DL#907173.

2014 GMC SLE 1/2 ton, crewcab, 4x4, 5.3L V8, loaded, leather, 147,541 kms, Stk#G1503A, \$26,395. 1-800-667-0490. www.watrousmainline.com DL#907173.

2013 GMC SLT 1/2 ton, crewcab, 4x4, 6.2L V8, loaded, leather, 119,011 kms, Stk#G1517A, \$40,395. 1-800-667-0490. www.watrousmainline.com DL#907173.

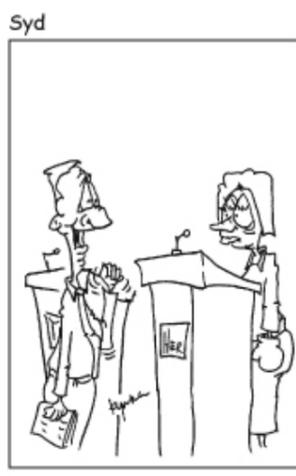
2013 FORD F150 Platinum, 4x4, Super-Crew, 5.0L, loaded, Nav, 43,114 kms, Stk#G1211A, \$40,995. 1-800-667-0490. www.watrousmainline.com DL#907173.



2011 FORD F250, reg. cab, 4x4 auto, gas, XL trim, only 107,000 kms., fresh SK safety, will consider trades, \$19,900. Cam-Don Motors Ltd., 306-237-4212, Perdue, SK.

2011 CHEV LTZ 1/2 ton, crewcab, 4x4, GFX 5.3L V8, loaded, leather, 65,619 kms, Stk#G1110B, \$32,995. 1-800-667-0490. www.watrousmainline.com DL#907173.

1996 FORD F-350 Crew Cab, red, 8 cylinder, automatic, RWD, good condition. Winnipeg, MB. Call 204-510-1543, Email: l.newhook@shaw.ca



Got no rebuttal? Give him a Presidential thump in the face. Republicans will love it.

NEWEST TO OLDEST
 1595



White, Offers. m3mbtshop@gmail.com

FOUR WHEEL DRIVE
 1670

2014 GMC DENALI 1/2 ton, crewcab, 4x4, 6.2L V8, loaded, NAV, 40,020 kms, Stk#G1302, \$49,995. 1-800-667-0490. www.watrousmainline.com DL#907173.

SEVERAL DODGE DIESELS, 2005-2014. Your diesel truck specialist! Phone 204-981-0970, Winnipeg, MB.

2014 GMC SLT 1/2 ton, crewcab, 4x4, 5.3L V8, loaded, leather, 116,951 kms, Stk#G1282A, \$35,395. 1-800-667-0490. www.watrousmainline.com DL#907173.

2015 GMC SLT 1/2 ton, crewcab, 4x4, 5.3L, loaded, NAV, sunroof, 28,239 kms, Stk#G1472A, \$49,395. 1-800-667-0490. www.watrousmainline.com DL#907173.

2009 SILVERADO 3500 LTZ dually, Crewcab, 4x4, dsL, auto, leather, 133,000 kms, 1 owner, \$33,995. Hendry's Chrysler 306-528-2171, Nokomis, SK. DL #907140.

2015 GMC SLT 1/2 ton, crewcab, 4x4, 5.3L, loaded, Iridium, 25,354 kms, Stk#G1518A, \$49,395. 1-800-667-0490. www.watrousmainline.com DL#907173.

2015 GMC SLT 1/2 ton, crewcab, 4x4, loaded, leather, Black, 73,615 kms, Stk#G1145A, \$41,995. 1-800-667-0490. www.watrousmainline.com DL#907173.

2013 RAM 2500 Laramie, Crew, 98,000 kms, \$42,900; 2012 Ram 4500, C&C, dsL, \$36,999; 2012 GMC Duramax, C&C, \$28,900; 2006 Ram 2500, Cummins dsL, Quadcab, \$13,999. 1-800-667-4414, Wymyard, SK. www.thoens.com DL #909250.

GRAIN TRUCKS
 1675

2007 WESTERN STAR 4900SA tri-drive, C15 Cat, 550 HP 18 spd., full lockers, new 24' CIM B&H; 3-2007 Macks, 10 spd. Eaton auto, new 20' CIM B&H, fresh SAK. Safeties. Call 306-270-6399, Saskatoon, SK. DL#316542. www.78truxsales.com



KENWORTH T300, 13 spd. Eaton Fuller, 8.3L Cummins 300 HP 121,000. orig. kms, 5762 hrs., 12,000 fr., 40,000 rr., 411 ratio, 2009 20' Cancade box, remote control H&T & endgate, new tires 5 years ago, super clean, never hauled fertilizer, serviced, MB. Safety. 204-734-0422, Minitonas, MB.



CIM TRUCK BODIES, grain, silage, gravel, decks, service and installation. For factory direct pricing and options, call Humboldt, SK., 306-682-2505 or www.cim-ltd.ca



2000 STERLING, TRI-DRIVE, C12 Cat eng., 10 spd., 22' BH&T, near new tires, vg cond., \$45,000. 204-642-2091, Arborg, MB

\$53,000 SPECIAL! 2002 Kenworth T800, Cummins, 18 spd., new 20' B&H, air ride, new safety. 306-563-8765, Canora, SK.

2006 IHC TANDEM, Cummins, 12 speed UltraShift, c/w 20' BH&T, remote hoist and tailgate, \$65,000 OBO. Call 306-538-4687, Langbank, SK.

ATTENTION FARMERS: 15 tandems in stock, automatics and standards. Yorkton, SK., Yellowhead Sales, 306-783-2899.

ALLISON AUTOMATIC TRUCKS: Several trucks with auto. trans. available with C&C or grain or gravel box. Starting at \$19,900. K&L Equipment, 306-795-7779, Ituna, SK. ladimer@sasktel.net DL #910885.

GRAIN TRUCKS
 1675

AUTOSHIFT TRUCKS AVAILABLE: Boxed tandems and tractor units. Contact David 306-887-2094, 306-864-7055, Kinistino, SK. DL #327784. www.davidstrucks.com

2007 IH 9400, with Cummins 435 HP 10 spd. AutoShift, 20' box, alum. wheels and tanks, exc. cond., certified, \$67,500; 2007 Mack, 460 Mack eng., 12 spd. auto. trans., 3-way lockers, alum. wheels, good tires, 20' BH&T, rear controls, pintle plate, \$69,500; 1990 Kenworth T600, 450 HP Detroit, 10 spd., alum. front wheels, good tires, pulls good w/1996 36' Cancade 2 hopper grain trailer- nice shape, \$35,000. Trades accepted. Call Merv at 306-276-7518, 306-767-2616, Arborfield, SK. DL#906768

2009 FREIGHTLINER, 10 spd Eaton auto-shift w/clutch, DD15 Detroit w/20' BH&T; 2008 TANDEM, 7600 IH, Cummins, 10 spd., new BH&T; 2004 Pete 330 single axle, Cat, Allison auto. w/new 16' BH&T. Ron Brown Imp. 306-493-9393, www.rbisk.ca

2009 MACK CH613, only 505,000 kms., new 2015 20' Neustar grain box, 365 HP 10 spd. Cam 204-470-8215, Winnipeg, MB

2007 KENWORTH, C15 CAT, 13 spd., UltraShift; 2007 Freightliner, Mercedes, 13 spd. UltraShift. Both have new grain boxes with electric tarps and are Sask. Safetied. 306-270-6399, Saskatoon, SK. DL 316542. www.78truxsales.com

REMOTE CONTROL ENDGATE AND hoist systems can save you time, energy and keep you safe this seeding season. Give Kramble Industries a call at 306-933-2655, Saskatoon, SK. or visit us online at: www.kramble.net

COMING BEFORE HARVEST: 2002 IH 2600 w/B&H; 2009 Mack AutoShift, B&H; 2009 IH ProStar 8600, Cummins eng, AutoShift, B&H. Call Merv at 306-276-7518, 306-767-2616, Arborfield, SK DL #906768

IT MAY BE YELLOW but do not underestimate it! 2006 Kenworth T800, 430 HP CAT, 13 spd., AC, c/w used 20' Lux grain box, new air operated PTO and pump, SK. Safety; 2002 PETERBILT 378 gravel truck, 15-16' alum. box, C-13 430 HP 18 spd., new 1124.5 tires, alum. wheels, dual stacks and air cleaners, picture truck, under 600,000 kms, SK. Safety. Call 306-221-2166, 306-233-5567 evenings, Cudworth, SK.

GRAVEL TRUCKS
 1676

1985 INT. TANDEM dump truck, Cummins 210 HP 9 spd., good 11R22.5 rubber, \$15,000. 204-795-9192, Plum Coulee, MB.

2013 MACK CHU613 Pinnacle, 505 HP 18 spd., 14 front, 46 rears, 222" WB, 18 wheels, 15' Renn box plumbed for pup, 174,000 kms, 11.24 rubber, \$115,000. Call 306-731-7266, Strasburg, SK.

SEMI TRUCKS
 1677

2016 VOLVO 670 I-Shift, 46,000 kms; 2014 Volvo 780, I-Shift; 2013 Volvo 430, I-Shift. Call 204-871-5170, Austin, MB.

1989 IH EAGLE, 425 CAT, 3406 engine, 5th wheel, 24.5 alum. buds, white, \$16,500. 306-960-3000, St. Louis, SK.

1998 WHITE FREIGHTLINER, Cummins, 13 spd., 40,000 diffs, new tires, condo bunk, \$16,500. 306-698-3245 Wolseley SK.

T800 KENWORTHS ALL HEAVY SPECS 18 spd., full lockers, 2008, 2007 w/bunks. Also daycab 2009, new trans. and clutch; 2009 T660 KW, new ISX Cummins, 18 spd., lockers; 2008 Western Star 10 spd. auto w/clutch; 2008 IH 9900 daycab, ISX Cummins, 18 spd., lockers, 290,000 kms.; 2007 379 Pete daycab and bunk; 2013 IH 5900i, 42" bunk, 46 diff, 4-way lock, 18 spd., 390,000 kms; 2006 378 Pete, Cat 18 spd., 46 diff, 4-way locks w/roo-bar bumper; 2007 IH 9200 daycab, ISX 435, 13 spd; 2001 Freightliner Coronado, 155 Detroit, 18 spd., lockers; 1996 T800 KW, 475 Cat, 13 spd. rebuilt diffs and tranny. Ron Brown Implements, Delisle, SK. 306-493-9393 www.rbisk.ca DL #905231.

2005 PETE 378, flattop bunk, Cat C15, 485 HP, 18 spd., full lockups, winch, new MV1, \$45,000. 780-977-4709, Edmonton, AB.

2013 VOLVO 630, 12.5 fronts, 46 rears, 4-way lockers, 12 spd. I-shift, Platinum warranty to Nov/17, 330,000 kms, wet kit, \$92,000 OBO. 306-287-7707, Quill Lake SK.

SPECIALIZED TRUCKS
 1680

1999 IH 4700, SA, flatdeck w/17' steel flatdeck, 11x22.5 tires, 230,000 kms, 444 IH dsL, 10 spd., safetied, real good shape, \$19,500. 1994 GMC Topkick tandem with 24' flatdeck, 563,000 kms, 3116 Cat diesel, 10 spd., 11x22.5 tires, real good shape, \$21,500. Call Merv at 306-276-7518, 306-767-2616, Arborfield, SK. DL #906768.

1997 MACK RD688, 100 barrel tank, pump and etc., 400 Mack, 24.5 wheels, white, \$16,500. 306-960-3000 St. Louis SK

FUEL TRUCK: 2009 IH tandem 7600, ISX, 10 spd., 24' van w/power tailgate. Call 306-493-9393, Delisle, SK.



2014 F550 FORD, w/Maxon, 1650 lbs., 144"x90" deck with lift/gate, 6550 miles, mint condition, \$58,000 OBO. Call 204-981-3636, Cartier, MB.

SPORT UTILITIES
 1682

2012 CHEV ORLANDO 1LT, 7-Pass, 2.4L, 4 cyl., loaded, cloth, Grey, 129,739 kms, Stk#G1050A, \$13,395. 1-800-667-0490. www.watrousmainline.com DL#907173.

2012 SUBARU TRIBECA Ltd. H-6 7 pass. AWD, 59,725 kms, stk# SK-3144A. Call for our best price! 1-877-373-2662 or www.subaruofsaskatoon.ca DL #914077.

2011 GMC ACADIA SLE, AWD, 3.6L, V6, loaded, towing, cloth, Green, 87,469 kms, Stk#M7161A. \$23,395. 1-800-667-0490.

BUTCHER'S SUPPLIES
3000

LARGE COPELAMETIC COMPRESSOR unit, 230-HZ60 complete, any reasonable offer. 306-825-3065, Lloydminster, SK.

CONTRACTING

CUSTOM BALING
3520

CUSTOM SWATHING AND COMBINING, cereals and specialty crops. 36' and 42' HoneyBee headers. Murray 306-631-1411.

CUSTOM TRUCKING
3550

LONG LAKE TRUCKING, two units, custom hay hauling. Call 306-567-7100, Imperial, SK.

QUICK SHIFT TRUCKING LTD. Heavy equip. hauling, pilot and Hotshot services. Air seeders & other farm machinery. Competitive rates. Will travel. Owner operator, Ray Hammel call 306-460-7737, Brock, SK.

EQUIPMENT TOWING/ HAULING. Reasonable rates. Contact G H Wells Services and Trucking, 306-741-9059, Morse, SK.

CUSTOM GRAIN HAULING FROM La Salle, MB. For more info. and rates please call 204-771-6350.

CUSTOM WORK
3560

CUSTOM LIQUID MANURE hauling, 3 tanks available. Contact George in Hague, SK. 306-227-5757.

REGULATION DUGOUTS: 120x60x14', \$2000; 160x60x14', \$2950; 180x60x14', \$3450; 200x60x14', \$3950; Larger sizes available. Travel incl. in Sask. Gov't grants available. 306-222-8054, Saskatoon, SK.

BRUSH MULCHING. The fast, effective way to clear land. Four season service, competitive rates, 275 HP unit, also avail. trackhoe with thumb, multiple bucket attachments. Bury rock and brush piles and fence line clearing. Borysiuk Contracting Inc., www.bcisk.ca Prince Albert, SK, 306-960-3804.

NEUFELD ENT. CORRAL CLEANING, payload, Bobcat with rubber tracks and vertical beater spreaders. Phone 306-220-5013, 306-467-5013, Hague, SK.

CONSTRUCTION EQUIP.
3600



EXCAVATOR ATTACHMENTS IN STOCK. WBM/CAT/CWS. Western Heavy Equipment, 306-981-3475, Prince Albert, SK.

1998 CAT D6R XL, full canopy, CAH, twin tilt angle dozer, ripper. 306-889-4203, 306-278-7740, Prairie River, SK.

CAT HYDRAULIC PULL SCRAPERS: 463, 435, 80 and 70, all very good cond., new conversion. Also new and used scraper tires. Can deliver. 204-793-0098, Stony Mountain, MB.

2005 D6R LGP w/winch, dozer w/tilt, cab and canopy, 8800 hrs., new Cat UC very clean, \$115,000. **2006 CAT D6R LGP** Series III crawler tractor w/cargo winch, 6-way dozer, \$110,000. **2004 CAT D6N** LGP crawler, 6-way dozer, AC, canopy, diff. steer, cargo winch, new UC, 10,800 hrs., \$90,000. **1999 CAT D6R** LGP crawler, 6540 hrs., w/dozer, tilt, AC, canopy, new UC, \$70,000. **2007 KOMATSU PC200** LC-8 hyd. excavator w/QA cleanup bucket, 9'6" stick, aux. hyds., 12,582 hrs., \$55,000. **To fit 320 KOMATSU loader:** loader forks, \$2800; pallet forks, \$3400; 104" 3.5 yd tooth bucket, \$5000. **6-64" excavator cleanup buckets,** \$4,000- \$5,000 ea.; **58" wrist swivel bucket,** like new, \$8500; **62" cleanup bucket,** \$4000; **48" frost ripper,** \$2500; **New hyd. thumb and cyl.,** \$4000. 204-871-0925, MacGregor, MB

1980 CAT 966C loader. Completely rebuilt c/w third valve, \$65,000. 306-764-6877 or 306-960-4651, Prince Albert, SK.

1988 JD 644E wheel loader, 23.5x25 tires, 4 cubic yard bucket w/teeth, \$29,750. 204-795-9192, Plum Coulee, MB.

CONSTRUCTION EQUIP.
3600



EXTREME DUTY BRUSHCUTTER. Made in Canada, 1/4" steel, 66" cut Omni HD gear-box & Parker hyd. motor. Cuts up to 4" trees, two 1/2"x3"x24" blades on a stump jumper, c/w hyd. hoses and flat face couplers. Std. flow operation, open rear discharge prevents under deck build up, fits most skidsteers, \$4995. 72" & 80" also in stock. Agrimex, 306-331-7443, Dysart, SK.



ESCORT VEHICLE SIGN c/w LED lights and sign inserts, HD electric cylinder for sign lift, \$800; **4 GOOD YEAR TIRES,** P265/65R18, tires taken off 2015 GMC Sierra, good cond., \$150. 204-822-3445 or call/text 204-823-1220, Morden, MB.

CONSTRUCTION EQUIP.
3600

CATERPILLAR 60 flat bottom scraper, vg shape, tires all vg, good paint, \$22,000; 2, 14.9x26 on 8 hole wheels, \$75 ea; 3, 11.2x24 and 1, 12.4x24 tractor tires, \$40 ea. 204-746-8733, Morris, MB.

ATTACHMENTS: Skidsteer brush cutters, forks, buckets, augers, brooms. Conquest Equipment, 306-483-2500, Oxbow, SK.

2014 TEREX FINLAY 683 2 deck screener, c/w 50' Kaska radial stacker, Cat powered, 1500 hrs., very nice cond., \$205,000. 306-536-5055, Lumsden, SK.

MAGNUM 8.0 KW light tower generator, Kubota diesel, \$4400. Call Larry at 306-563-8765, Canora, SK.

PIONEER 2436 PRIMARY jaw crusher, good running condition, \$95,000 OBO. Call 204-372-6832, Broad Valley, MB.

W20C CASE, 1983 payload, 6600 hrs., grapple fork, 2200 hrs. on motor and trans., tires- 95%, always shedded, vg, \$32,000. 306-648-7766, Gravelbourg, SK.

ROAD GRADERS CONVERTED to pull behind large 4 WD tractors, 14' and 16' blade widths avail. 306-682-3367, CWK Ent. Humboldt, SK. www.cwcenterprises.ca

ATTACHMENTS PARTS COMPONENTS for construction equipment. Attachments for dozers, excavators and wheel loaders. Used, Re-built, Surplus, and New equipment parts and major components. Call Western Heavy Equipment 306-981-3475, Prince Albert, SK.

HYDRAULIC SCRAPERS: LEVER 60, 70, 80, and 435, 4 to 30 yd. available. Rebuilt for years of trouble-free service. Lever Holdings Inc. 306-682-3332 Muenster, SK.

YELLOW ROSE CONSTRUCTION has a 45' Genset tower van, 3406 Cat eng., 400 KW; 24 electrical boxes w/cord outlets, control switches in tower, 5 HP to 150 HP; 1100 gal. belly fuel tank; Shop van full of extra parts, tools, welder; Ingersoll Rand L120 generator light plant. Call Bill McGinnis, 306-567-7619, Craik, SK.



1992 CHAMPION GRADER, 740 Series III w/snow-wing, 14,000 hrs., 16R24TG Bridgestone tires, all around good cond., \$42,000. 204-981-3636, Cartier, MB.

CAT 631B MOTOR scraper 31 yd. capacity, runs good, \$18,500. Call Larry at 306-563-8765, Canora, SK.

1994 JLG 60HA 4x4 boom lift, 4736 hrs., (104 on rebuilt Deutz engine), no computer, \$14,000. 204-326-3109, Steinbach, MB.

JD 544B LOADER, \$14,500; Bobcat 943 skidsteer, \$14,900; NH LX865 skidsteer, \$12,900; Midland 8.5 yd. scraper, \$8500; Soil Mover 7 yd. scraper, \$7000; Ashland 6 yd. scraper, \$5000. Call 1-866-938-8537.

CONSTRUCTION EQUIP.
3600



HYDRAULIC PULL SCRAPERS 10 to 25 yds., exc. cond.; Loader and scraper tires, custom conversions available. Looking for Cat cable scrapers. Quick Drain Sales Ltd., 306-231-7318, 306-682-4520 Muenster SK



2002 KOMATSU WA380-3L WHEEL loader, low hrs., 4 yd. bucket, 23.5x25- 90%, exc. cond., \$73,000. 306-921-7583 Melfort, SK.



EXCELLENT FARM CATS for sale come with warranty; Komatsu, Cat, Fiat Allis. Call for more info excellent working condition. Most newer UC, rebuilt engine, and trans bush, guarded. Call for price. Can deliver. 204-743-2324, Cypress River, MB.

COMPACTORS: 84", 66" and 54". Pad foot and smooth drum. For sale or rent. 306-483-2500 Conquest Equip. Oxbow, SK.

SKIDSTEER LOADERS: 2008 CASE 440 CT series, \$34,500 OBO; 2008 Case 440, series 3, \$29,500 OBO; 2006 Case 440, \$26,500 OBO; 2007 Case 420, \$24,500 OBO. 204-794-5979, Springfield, MB.

DIESEL ENGINES
3700

RUNNING ENGINES: 330 CAT; 3306 Cat power unit c/w rad and skid; 6V71 power unit; Rebuilt 353 Detroit. Western Diesel, 306-280-4132, Saskatoon, SK.

290 CUMMINS, 350 Detroit, 671 Detroit, Series 60 cores. 306-539-4642, Regina, SK

GREAT PRICES ON new, used and remanufactured engines, parts and accessories for diesel pickups. Large inventory, engines can be shipped or installed. Give us a call or check: www.thickettengine rebuilding.ca Thickett Engine Rebuilding. 204-532-2187, Russell, MB.

WANTED DIESEL CORES: ISX and N14 Cummins, C15 Cats, Detroit Ddec 3, 4, DD15. Can-Am Truck 1-800-938-3323.

ELECTRICAL MOTORS
3825

FARM AND INDUSTRIAL ELECTRICAL motor sales, service and parts. Also sale of, and repairs to, all makes and sizes of pumps and phase converters, etc. Tisdale Motor Rewinding 1984 Ltd., 306-873-2881, fax 306-873-4788, 1005A-111th Ave., Tisdale, SK. tmr@sasktel.net Website: www.tismtrrewind.com

ENGINES
3850

2 FORD ENGINES: 1972 460 cu. in., and 1974 429 cu. in. Both completely rebuilt, \$4000/ea. Phone 306-764-6877 or 306-960-4651, Prince Albert, SK.

FARM BUILDINGS
4000

AFAB INDUSTRIES POST frame buildings. For the customer that prefers quality. 1-888-816-AFAB (2322), Rocanville, SK.

FOR ALL YOUR STRUCTURAL STEEL, Roofing and siding needs, big or small. Call Fouillard Steel Supplies, St. Lazare, MB. 1-800-510-3303. Remember nobody sells roofing and siding cheaper!! Nobody.

WOOD POST BUILDING packages or built on site. For early booking call 1-800-667-4990 or visit our website: www.warmanhomecentre.com

INSULATED FARM SHOP packages or built on site, for early booking call 1-800-667-4990 or visit our website: www.warmanhomecentre.com

FARM BUILDINGS
4000



SUMMER SPECIAL on all post or stud frame farm buildings. Choose: sliding doors, overhead doors, or bi-fold doors. New-Tech Construction Ltd. Phone: 306-220-2749, Hague, SK.

POLE BARNs, WOODSTEEL packages, hog, chicken and dairy barns. Construction and concrete crews available. Mel or Scott, MR Steel Construction, 306-978-0315, Hague, SK.

PRE-ENGINEERED STEEL BUILDINGS for all your agricultural, equestrian, industrial, shop or storage needs. Call 306-249-2355 for a free quote. Montana Construction www.montanasteelbuilders.ca Saskatoon.

BEHLEN STEEL BUILDINGS, quonsets, convex and rigid frame straight walls, grain tanks, metal cladding, farm-commercial. Construction and concrete crews. Guaranteed workmanship. Call your Saskatoon and Northwest Behlen Distributor, Janzen Steel Buildings, 306-242-7767, Osler, SK.

STRAIGHT WALL BUILDING packages or built on site. For early booking call 1-800-667-4990 or visit our website: www.warmanhomecentre.com

STEEL CLADDING SALE: New Grade A 29 gauge white-white metal cladding 3/4" high rib cut to your length for only .75c/sq.ft. All accessories, fasteners and flashings are available. Call Prairie Steel in Clavet, SK, 1-888-398-7150, or email buildings@prairiesteel.com

100'x200'x22' Steel Farm Building. Ready for set-up on your farm today. Foundation specs can be supplied. Includes 26 gauge ext. sheeting and trims, **\$153,900 plus tax.** Add doors and insulation as needed. Other sizes available. 1-888-398-7150 or email buildings@prairiesteel.com

BINS
4003



PORTABLE GRAIN RINGS made of steel. New 20 gauge wide-corr steel sheets 48"H. Sizes from 3650 bu., \$2072 to 83,000 bu., \$11,447 including hardware. All sizes in stock. All rings 4'H. Best quality available. Canadian made quality silver cone shaped tarps avail. for all sizes. All tarps in stock. Complete packages include freight to any major point in Western Canada. Overnight delivery to most major points in Western Canada. Willwood Industries toll free 1-866-781-9560, fax 306-781-0108. For all pricing, details, pictures visit our website: www.willwood.ca

BROCK (BUTLER) GRAIN BIN PARTS and accessories available at Rosler Construction. 306-933-0033, Saskatoon, SK.

CUSTOM GRAIN BIN MOVING, all types up to 22' diameter. 10% spring discount. Accurate estimates. Sheldon's Hauling, 306-961-9699, Prince Albert, SK.

LIFETIME LID OPENERS. We are a stocking dealer for Boundary Trail Lifetime Lid Openers, 18" to 39". Rosler Construction 2000 Inc., 306-933-0033, Saskatoon, SK.

BIN MOVING, all sizes up to 19' diameter, w/w floors; Also move liquid fert. tanks. 306-629-3324, 306-741-9059, Morse, SK.

FOR ALL YOUR grain storage, hopper cone and steel floor requirements contact: Kevin's Custom Ag in Nipawin, SK. Toll free: 1-888-304-2837.

TIM'S CUSTOM BIN MOVING and Hauling Inc. Up to 22' diameter. 204-362-7103 binmover50@gmail.com

4- 1650 BU Westeel Rosco bins, 2 on wood floors, 2 on concrete; 3300 bu on concrete 306-231-8355, 306-944-4325, Bruno, SK.

2015 CIM BIN Cranes (Westeel design), 8000 lb. capacity. For factory direct pricing and options call 306-682-2505, Humboldt, SK. or www.cim-ltd.ca

FRIESEN HOPPER BOTTOM BIN 1500 bu. \$2400; Friesen 1000 bu. hopper bottom bin, \$1800. 204-388-4291 leave msg, Ile des Chenes, MB.

2015 CIM BIN TRANSPORT TRAILER 17,000 lb. cap., 32' bed accommodates up to 21' dia. bin. For factory direct pricing and options call 306-682-2505, Humboldt, SK. or www.cim-ltd.ca

SYD



I was a gymnast. You can tell me to jump through hoops all day and I can do it.

BINS
4003



TEMPORARY GRAIN BINS, selected 3/8" fir plywood with all holes drilled. Wood sizes from 1750 bu., \$431 to 11,700 bu., \$852 including hardware. All sizes in stock. All rings 4' high. Best quality avail. Canadian made quality silver cone shaped tarps available for all sizes. All tarps in stock. Complete packages include freight to any major point in Western Canada. Overnight delivery to most major points in Western Canada. Willwood Industries toll free 1-866-781-9560, fax 306-781-0108. For pricing, details, pics: www.willwood.ca

TALBOT HOT BIN SEALING, we seal bins on wood and concrete floors. Serving SK, AB, and MB. 306-631-0203, Moose Jaw, SK. talbotbinsealing@gmail.com

5 WESTEEL 2280 bu. and 3 Behlen 3000 bu., all with hoppers and skids. Call 306-675-4848, Leross, SK.

SUPERIOR BINS: Hopper bottoms from 3300 to 12,000 bu.; 18' 5000 bu. combo at \$11,800. Middle Lake Steel 306-367-4306 or 306-367-2408, Middle Lake, SK.

HOPPER BOTTOM CONES: We make cones and steel floors for all makes of bins. Call Middle Lake Steel 306-367-4306 or 306-367-2408, Middle Lake, SK. Visit us on-line at: www.middlelakesteel.com

BOOK NOW, TAKE DELIVERY, DON'T PAY UNTIL NOVEMBER, 2016. Top quality MERIDIAN bins. All prices include: skid, ladders to ground, manhole, set-up and delivery within set radius. Meridian Hopper combos: 3500 bushel, \$10,450. **SPECIAL:** 5000 bu., \$13,990. We manufacture superior quality hoppers and steel floors for all makes and sizes. Know what you are investing in. Call and find out why our product quality and price well exceeds the competition. We also stock replacement lids for all makes and models of bins. Leasing available. Hoffer Services Inc., 306-957-2033, Odessa, SK.

Go public with an ad in the Manitoba Co-operator classifieds. Phone 1-800-782-0794.

STORAGE/CONTAINERS
4005

20' AND 40' SHIPPING CONTAINERS, large SK. inventory. Ph. 1-800-843-3984, 306-781-2600.



HORNOI LEASING NEW and used 20' and 40' sea cans for sale or rent. Call 306-757-2828, Regina, SK.

SHIPPING CONTAINERS FOR SALE. 20'-53', delivery/ rental/ storage available. For inventory and prices call: 306-262-2899, Saskatoon, SK. www.thecontainerguy.ca

CONTAINERS FOR SALE OR RENT: All sizes. Now in stock: 50 used, 53' steel and insulated SS. 306-861-1102, Radville, SK.



Is your ag equipment search more like a needle in a haystack search?

OVER 30,000 PIECES OF AG EQUIPMENT!

Find it fast at **AGDealer.com**

AUCTION SALES
0900



Winkler, MB • 1-204-325-4433

- 1990 chev 1/2 ton 120,000 km, one owner immaculate
- Massey Ferguson 1250 Compact tractor FWA, 3pth, pto only 2347 hrs
- White 6065 Tractor FWA, with 1170 loader, only 1722 one owner hrs
- 4-500 bu westeel bins with air and centre unload, two 1200 bu hoppers
- See or website for many nice attachments, trailers, tools yard items, very clean exceptional auction



Owners: Franco Nicola Poala 204-864-2165

See our website: www.billklassen.com for complete listing or call 204-325-4433 cell 6230

BILL KLASSEN AUCTIONEERS

AUCTION SALES
0900

POALA RETIREMENT ACREAGE AUCTION

SAT., OCTOBER 1, 10 AM ST FRANCIS XAVIER, MB

FROM WINNIPEG WEST TILL THE WHITE HORSE AT ST FRANCIS XAVIER, TURN OFF CONTINUE 1 MORE MILE WEST, GO NORTH ON 424 PR, WHICH YOU FOLLOW WEST FOR APROX 3/4 MILE, YARD #4185

WILL HAVE GOOD SIGNAGE ON AUCTION DAY



Owners: Franco Nicola Poala 204-864-2165

See our website: www.billklassen.com for complete listing or call 204-325-4433 cell 6230

BILL KLASSEN AUCTIONEERS

STORAGE/CONTAINERS
4005



BEAVER CONTAINER SYSTEMS, new and used sea containers, all sizes. 306-220-1278, Saskatoon and Regina, SK.

20' TO 53' CONTAINERS. New, used and modified. Available Winnipeg, MB; Regina and Saskatoon, SK. www.g-airservices.ca 306-933-0436.

FARM MACHINERY

AERATION
4103

KEHO/ GRAIN GUARD/ OPI STORMAX. For sales and service east central SK. and MB., call Gerald Shymko, Calder, SK, 306-742-4445 or toll free 1-888-674-5346.

AERATION
4103

KEHO/ GRAIN GUARD Aeration Sales and Service. R.J. Electric, Avonlea, SK. Call 306-868-2199 or cell 306-868-7738.

CONVEYORS
4106

2010 BATCO CONVEYOR 1585, 35 HP Vanguard, \$26,000; 1515 8 HP Honda, c/w mover, \$7500. Both units used very little. Call 306-677-2598, Hodgeville, SK.

2011 BATCO 20105 swing w/hydraulic swing and lift, excellent condition, \$33,000 Phone 306-648-3622, Gravelbourg, SK.

BUILD YOUR OWN conveyors, 6", 7", 8" and 10" end units available; Transfer conveyors and bag conveyors or will custom build. Call for prices. Master Industries Inc. www.masterindustries.ca Phone 1-8

GRAIN BAGS/EQUIPMENT

2014 LOFTNESS, GL System 10 with swing away truck unloading auger. Incl. optional road transport system for highway travel. Has only filled 25 bags, stored inside. Call Roy Bailey, 306-935-4702, Milden, SK.

GRAIN CARTS

2004 BRENT 1084, tandem walking axle, always shedded, 1000 bu., rubber and fighting good, green in color, \$39,500. Call Chad 306-741-7743, Swift Current, SK

NEW 2016 ARMSTRONG 750 bu. 4 wheel, \$28,900. New 2016 Armstrong 750 bu., on tracks, \$38,900. Both available with PTO or hydraulic drive. **K&L Equipment and Auto**, Ladimer, 306-795-7779, Ituna, SK.

2005 BRENT 572 (green), corner auger, hyd. drive kit, 24.5x32 Firestone tires, used very little, always shedded, \$25,500. 306-896-2311, Langenburg, SK.

GRAVITY WAGONS: New 400 bu, \$7,400; 600 bu., \$12,500; 750 bu., \$18,250. Large selection of used gravity wagons, 250-750 bu. Used grain carts, 450 to 1110 bushel. View at: www.zettlerfarmequipment.com 1-866-938-8537, Portage la Prairie, MB.

2010 JM 875, tarp, scale, hyd. drive and delivery available, \$36,000. 306-563-8482.

GRAIN CLEANERS

CUSTOM COLOR SORTING chickpeas to mustard. Cert. organic and conventional. 306-741-3177, Swift Current, SK.



CARTER DAY AIR screen cleaner, Model #F515, Style #DDK1, vg cond., only 2 yrs. use, always shedded, c/w fan and 120 spare screens of various sizes, \$50,000. Call 306-617-9009, Zealandia, SK. Email: james@canpulsefoods.com

DUAL STAGE ROTARY SCREENERS and Kwik Klean 5-7 tube. Call 204-857-8403, Portage la Prairie, MB. or visit online: www.zettlerfarmequipment.com

6 CLELAND DOUBLE spiral separators, fair condition, \$3000. Call 306-335-2280, Lemberg, SK

DUAL SCREEN ROTARY grain cleaners, great for pulse crops, best selection in Western Canada. 306-946-7923, Young SK

GRAIN DRYERS



WESTERN GRAIN DRYER, mfg. of grain dryers w/auto. drying/moisture control. Updates to Vertec roof, tiers, moisture control. Economic designed dryers avail. 1-888-288-6857, westerngraindryer.com

VERTEC 3600 GRAIN dryer, natural gas or propane, \$4500 OBO. Call 306-548-4344, Sturgis, SK.

FARMFAN AB8, continuous batch 120 bu., canola screens, propane, new fan, exc. cond., \$5500. 306-862-1457, Choceland, SK.

GRAIN ELEVATORS

R W ORGANIC IS offering for sale, lease or rent a grain elevator in Gravelbourg, SK. built in 1982. 144,000 bu. cap. with warehouse storage. Call Jason 306-354-2660.

GRAIN TESTERS

REFURBISHED PROTEIN TESTERS for sale. Protein in wheat and durum, 2 units avail. Protein in wheat, barley and durum, 2 units available. Jason 204-772-6998.

MODEL 919® MOISTURE TESTER Service and recalibration by the original manufacturer (Dimo's/Labtronics®). No one beats our pricing!!! Same day turn around. Do not install any digital alterations. For more info visit www.labtronics.ca

GRAIN VAGUMS

TRAILTECH FULL CARRY swather transport, tandem, 14000 GVW, lights, brakes, c/w all transporting hardware, \$12,000. 306-466-7744, Leask, SK.

HARVESTING/HAYING

BALING EQUIPMENT

NEW IDEA 4865 5x6, hyd. PU, rubber mount teeth, 2300 bales, shedded, good. 306-944-4325, 306-231-8355, Bruno, SK.



2013 CLAAS 3300 RC Quadrant 3x4 square baler, approx. 7000 bales made, vg cond., \$110,000. Can deliver. Call anytime 204-743-2324, Cypress River, MB.

NEW HOLLAND BB940 square baler, low bale count, excellent condition, \$37,000. 204-573-6354, Brandon, MB.

TRI-HAUL SELF-UNLOADING ROUND bale movers: 8' to 29' lengths, 6-18 bales. Also exc. for feeding cattle in the field, 4 bales at time with a pickup. 1-800-505-9208. www.trihaulbale movers.com

BALING EQUIPMENT

MORRIS 1400 BALE PICKER, heavy axles and rims, \$15,000. Call 306-528-7712, Nokomis, SK.

BALE SPEAR ATTACHMENTS for all loaders and skidsteers, excellent pricing. Call now 1-866-443-7444.



8 AND 14 BALE WAGONS in stock, Morris and Inland. Call Cam-Don Motors Ltd., 306-237-4212, Perdue, SK.

MORRIS MODEL 1400 HAY HIKER, chains replaced 2 yrs ago, exc. working cond. \$12,000. 306-858-7772, Lucky Lake, SK.

BALE SPEARS, high quality imported from Italy, 27" and 49", free shipping, excellent pricing. Call now toll free 1-866-443-7444, Stonewall, MB.

WANTED: 80 CHAIN SPROCKET from New Idea 484 or CIH 3450 balers or baler for parts. 306-283-4495 eves, Langham, SK.

LOOKING FOR DECENT NH 851 baler with hydraulic tilt. Must be reasonably priced. 204-764-2015, Hamiota, MB.

SWATHERS

2012 MACDON M155 w/30' draper header #W22651A, 236 hrs., D50 30' single reel \$123,600. 306-922-2525, Prince Albert, SK. or www.farmworld.ca

2005 9220 30' MF swather, 1000 hrs., double swath, excellent, \$55,000. Call 306-567-8614, Davidson, SK.

8100 HESSTON, double swath, PU reel, new canvases, guards and knife, field ready. 306-322-4755, Rose Valley, SK.

4700 VERSATILE SWATHER, one owner, 30' header, always shedded, \$5500 OBO. Phone 204-736-2941, Sanford, MB.

1998 35' WESTWARD 9300, 960 header, PU reel, turbo, big tires, excellent cond., \$29,500. Call 306-861-4592, Fillmore, SK

2010 MF 9430, 36', 750 hrs., shedded, very good, \$69,000. Call Cam-Don Motors Ltd., 306-237-4212, Perdue, SK.

RETIRING: PREMIER 30' PTO, autofold, batt reels, very good condition, \$1800. Call 306-638-4550, Findlater, SK.



2016 MACDON M155, 40', DK, DC, transport, last one before DEF. Call Cam-Don Motors Ltd., 306-237-4212, Perdue, SK.

CASE/IH 8240, 36' PT swather, Roto-Shear, low acres, \$3800. Ph Larry 306-563-8765, Canora, SK.

2007 MF 9430 w/30' draper header #W22408A, 1108 hrs., 30' center delivery \$59,000. 306-864-3667, Kinistino, SK. or www.farmworld.ca

1995 CASE 8820, 30' header, PU reel, 21.5-16.1 tires, excellent condition, \$17,500. Call 306-861-4592, Fillmore, SK

1997 CIH 6000 w/25' draper header #PN3020D, 3893 hrs., 25' shift header, \$15,000. 306-922-2525, Prince Albert, SK. or www.farmworld.ca

2011 30' 1203 Case/IH SR PU reel and transport, \$77,000; 2002 30' 9250 Westward SR PU reel, \$40,000. Call A.E. Chicoine Farm Equipment, 306-449-2255, Storthoaks, SK.

HESSTON 1200 PT, 30', batt reels, good condition, \$4500. Call 306-245-3777, Francis, SK.

2014 MACDON M155 w/35' draper header #W22653A, 129 hrs., 35' D65 triple delivery header, \$161,000. 306-922-2525, Prince Albert, SK. or www.farmworld.ca

2013 MF 9725 w/30' draper header #N22068A, 174 hrs., 30' center delivery \$98,000. 306-864-3667, Kinistino, SK. or www.farmworld.ca

1999 MACDON 2920 w/30' draper header #W22404C, 2660 hrs 30' 962 header, center delivery, PU reel, \$29,900. Humboldt, SK, 306-682-9920 or www.farmworld.ca

36' WESTWARD 9000 SP swather, PU reel, big tires, swath roller, knives good shape, \$28,000. 306-786-6510, Rhein, SK.

2012 MF WR 9740, 36', 400 hrs., \$99,000. 0% for 36 months OAC. Cam-Don Motors Ltd., 306-237-4212, Perdue, SK.

WESTWARD 3000 PT swather, 25' PU reel, vg cond; Co-op 550, 18' plus 18' PU reel on transport. 306-491-2227, Blaine Lake, SK.

2013 MF 9740 w/36' draper header #W22657B, 180 hrs., 36' center delivery header, \$127,000. 306-922-2525, Prince Albert, SK. or www.farmworld.ca

40' MACDON SWATHER, 130 hours, used 1 season. Call 306-834-7619, Luselund, SK

CASE/IH 736 36' swather, not used in 12 years, excellent, shedded, \$4000. Call 306-628-4267, Liebenhal, SK.

IHC 4000 SR 24.5' with UII PU reel, runs, \$1500. 306-358-2120, Macklin, SK.

2015 MACDON M-155 40' D65 double knife drive, GPS, hyd. roller, 47 cutting hrs, shedded. 306-287-7707, Quill Lake SK

1995 30' MACDON Premier 2900, PU reel, 960 MacDon header, 21.5-16.1 tires, exc. cond., \$24,500. 306-861-4592, Fillmore SK

MF 9420 SR 30', 989 hrs., UII PU reels, \$55,000; JD 590 PT, 30', batt reels, exc. condition, \$4500. Both shedded, field ready. Retired. 306-493-7871, Harris, SK.



1994 HESSTON 8100 swather, 2676 hrs, 30' UII pickup reel, double knife drive, shiftable drapers for DS, poly skid plates, rear weights, poly swath roller, shedded, \$22,000 OBO. 306-377-2002, Herschel, SK.

CIH 6500 SP 21', MacDon PU reel, 2870 hrs. new wobble box, knife, canvas, \$12,500 OBO. 306-338-7603, Margo, SK.

2005 NH HW325 with 36' draper header, #HN3119A, 1926 hours, \$56,000. 306-864-3667, Kinistino, SK. or www.farmworld.ca

Syd



Martha took up senior's yoga. She don't want no flowers at the hospital but says candy is okay.

SWATHERS

1995 MASSEY 200 swather, 2258 hrs., UII PU reel, Schumacher knife drive, runs well. 306-478-2520, McCord, SK.

2006 CASE/IH WDX1202 w/36' draper header #W22816B, 1057 hours, \$63,000. 306-864-3667, Kinistino, SK. or www.farmworld.ca

2012 NH H8060 w/36' draper header #HW3388A, 509 hrs., HB36 header, \$105,000. 306-682-9920, Humboldt, SK. or www.farmworld.ca

SWATH ACCESSORIES

20' UII PU REEL, late model, exc. shape, steel teeth, \$1850; SwathHent roller on wheels, \$500. 306-960-3000, St. Louis, SK.

10' PULL BEHIND swath roller, exc. cond. 306-460-9440, Smiley, SK.

2001 MACDON 972 25' header, Keer Shears, double swath, new knife, exc. shape. 306-435-7893, Moosomin, SK.

H/H VARIOUS

FLEXHEADS-CASE-IH 1020 25-FT. \$6000; 30-ft \$8000; 2020 30-ft, \$15,000; 1015 PU Header, \$3500; JD 925, \$6500; JD 930, \$9000; Nissen bean windrower, \$5000; Large selection of used Grain carts & Gravity wagons. 204-857-8403.

COMBINES

CASE/IH

2013 CASE/IH 7230, full auto-guidance, 620 duals, hyd. folding tank cover, Stk #018867, \$325,000. 1-888-576-5561, Swift Current, SK. redheadequipment.ca

1999 CASE/IH 2388 with Swathmaster PU, #HN3133B, 2819 hrs., 2129 threshing hrs, \$68,000. 306-682-9920, Humboldt, SK. or www.farmworld.ca

1987 CASE/IH 1680 combine w/header reverser, internal chopper, \$10,500. Located at Canora, SK. Call 780-926-9773.

2006 CASE/IH 2388, field ready, rake-up PU, chopper, 1700 thrash hrs., \$75,000. Call 306-353-4400, Riverhurst, SK.

2014 CASE/IH 7130, 800 singles, deluxe cab, lateral tilt, elec. folding hopper cover, Stk #014705, \$279,000. Saskatoon, SK. 1-888-576-5561. redheadequipment.ca

2015 CASE/IH 9240, c/w 3016 PU header, 620 duals, HD lateral tilt, Stk #019788 \$510,000. 1-888-576-5561, Saskatoon, SK. or www.redheadequipment.ca

1994 CIH 1688, internal chopper, straw and chaff spreader, hopper toppler. Recent repairs incl: all shaker bushings, hydro pump, top and bottom rotor bearings and rear tires, shedded, field ready, \$15,000. 306-744-7663, Saltcoats, SK.

2004 CASE 8010 heavy land combine, RWA, exc., better than new, \$140,000 OBO. Call ED 204-299-6465, Starbuck, MB.

2009 7120 CASE/IH w/2016 header, \$165,000; 2007 7010 Case/IH, dual wheels, w/2016 header, \$170,000. Call A.E. Chicoine Farm Equipment, 306-449-2255, Storthoaks, SK.

1979 IH 1460 combine, field ready, \$7000 OBO; Versatile PT #10 swather w/extra parts, \$600 OBO. Call or text Les 403-548-5758, Golden Prairie, SK.

1994 CASE/IH 1688, 5875 eng. hrs., spec. rotor, through ship in 2012, \$13,000. Call 306-231-8999, Humboldt, SK.

2003 CASE/IH 8010, c/w 2016 PU header, 900 singles, rear wheel assist, Stk #016932, \$119,000. 1-888-576-5561, Saskatoon SK. www.redheadequipment.ca

2011 CIH 8210 w/3016 PU, PN3305B, \$250,000. 306-922-2525, Prince Albert, SK. or www.farmworld.ca

1986 CASE 1680, 3500 eng. hrs., rice tires, good condition, \$17,000. 204-824-2196, 204-573-6723, Wawanesa, MB.

2000 2388 w/1015 header, \$65,000. 2004 2388 w/2015 PU header, \$115,000. 2006 2388 w/2015 PU header, \$130,000. 2009 7088 w/2016 PU header, \$180,000. A.E. Chicoine Farm Equipment, 306-449-2255, Storthoaks, SK.

FORD/NH

2002 NH TR99, new feeder chain, new clean grain chain, fine cut chopper, lateral tilt, moisture tester, AHH, hopper toppler. Call 306-542-7786, Kamsack, SK.

2004 NH CR9070 with Rake-Up, #HN3179B, 3600 hrs., 2308 threshing hours, \$95,000. 306-682-9920, Humboldt, SK. or www.farmworld.ca

2008 NH CR9070 with Swathmaster PU, #N22195B, 2130 hrs, 1654 threshing hrs., \$172,000. 306-922-2525, Prince Albert, SK. or www.farmworld.ca

FORD/NH

2005 NH CR9060 with Swathmaster PU, #HN3375B, 2781 hrs., 2295 threshing hours, \$75,000. 306-682-9920, Humboldt, SK. or www.farmworld.ca

2005 NH CR970 with Swathmaster PU, #PN3202B, 2312 hours, \$89,000. 306-922-2525, Prince Albert, SK. or www.farmworld.ca

1994 TR96, 36' HoneyBee header, PU reel, vg canvases and tires, Redekop chopper w/PU table and Sund PU, \$20,000. 306-296-4741, 306-296-4741, Frontier, SK

1994 TR97, 3500 eng. hrs, intake and exhaust valves done, Swath Master PU, Redekop chopper, hopper toppler, \$17,000 OBO. Call 306-929-4580, Albertville, SK.

2009 NH CR9080 with Swathmaster PU, #HN3373B, 1292 hrs., 1292 threshing hrs., \$210,000. 306-682-9920, Humboldt, SK. or www.farmworld.ca

GLEANER

2004 GLEANER 475 w/Swathmaster PU, #N225110, 2750 hrs., 16' PU, \$99,000. 306-864-3667, Kinistino, SK. or www.farmworld.ca

1976 GLEANER L, 24' straight cut header, duals, chopper, PU, transport, open to offers. Call 306-693-9847, Moose Jaw, SK.

2011 GLEANER A6 with Swathmaster PU #PN3014C, 836 hours, \$255,000. 306-922-2525, Prince Albert, SK. or www.farmworld.ca

2005 GLEANER R75 w/Swathmaster PU, #N22511D, 2750 hrs., 16' PU, \$99,000. 306-864-3667, Kinistino, SK. or www.farmworld.ca

JOHN DEERE

2008 9770 STS, dual wheels w/2010 615 PU header, \$195,000. A.E. Chicoine Farm Equipment, 306-449-2255, Storthoaks, SK.

2008 JD 9770, Contour-Master, AutoSteer, 800/70R38 tires, 28LR26 rears, 1852/1350 hrs., Michel's hopper cover, shedded, exc., \$185,000. 306-628-7337, Leader, SK.

2001 JD 9650, 12' JD PU, long auger, big tires, 2500 hrs., \$48,000. 306-786-6510, Rhein, SK.

2008 9870 STS, w/615 PU, approx. 1500 sep. hrs., duals, loaded up nice, vg cond., \$149,000. Call 306-948-7223, Biggar, SK.

JD 7721 TITAN II PT combine, located at Findlater, SK. Call 403-871-2441 or 928-503-5344.

2011 JD 9770, AutoTrac ready, Contour Master, HD DFH, 520/42 duals, extended wear pkg., 615 PU header, always shedded, 1100 sep. hrs., mint cond., \$229,000 will deal. 204-324-6298, Altona, MB.

2010 JD 9870 STS, fully loaded, only 550 sep. hrs., 650 straddle duals, long auger, c/w P615 PU header. Call 218-779-1710.

1997 JD 9400, 2114 eng. hrs., 1626 sep. hrs., ext. range cyl. drive, Y&M, long auger, new: PU belts, feeder chain, rub bars and concave, straw chopper, spreader, 914 PU, exc. cond., \$60,000. Call Dave Klein, 306-957-4312, 306-695-7794, Odessa, SK.

1994 JD 9500, 3400 eng. hrs., 2389 sep. hrs., 914 header w/Rake-Up PU, 930 rigid header w/PU reels, \$42,000 OBO. 306-848-0088, Weyburn, SK.

1990 9600, 4300 sep. hrs., 914 PU w/new belts, chaff spreader, always shedded, \$26,000 OBO 204-773-0111 Angusville MB

1995 JD 9600, 3248/4302 hrs., shedded, \$39,

SALVAGE
4214

COMB-TRAC SALVAGE. We sell new and used parts for most makes of tractors, combines, balers, mixmills and swathers. Phone 306-997-2209, 1-877-318-2221, Borden, SK. www.comb-tracsalsalvage.com We buy machinery.

PARTING OUT low houred 9700 White combine. 204-764-2642, Hamiota, MB.

SMITH'S TRACTOR WRECKING. Huge inventory new and used tractor parts. 1-888-676-4847.

SILAGE EQUIPMENT
4229

4WD SP CORN SILAGE HARVESTER, diesel motor, cab, good rubber, 3 row header, retired. Reasonable price. Phone: 204-638-5689, Dauphin MB.

RICHARDTON 1200, 700, 750 hydumps; JD 3970 Harvester, corn and hay head. 1-866-938-8537 Portage La Prairie, MB.

SPRAYING EQUIPMENT

PT SPRAYERS
4238

FLEXI-COIL/NH SF-216 susp. boom, 2008, 100' boom, used 2 seasons, \$25,000 OBO. 306-259-4881, 306-946-9513, Young, SK.

SP SPRAYERS
4241

2010 JD 4830, 100', SS 1000 gal. tank, 2 sets tires, Stk #016381, \$208,000. 1-888-492-8542, Lloydminster, SK. www.redheadequipment.ca

2009 CASE/IH 4420, 100', AIM, 1200 gal., Norac boom height, Stk #020576, \$199,500. 1-888-576-5561, Estevan, SK. or view www.redheadequipment.ca

2004 JOHN DEERE 4710, 100' 800 gal. SS, 380/90R46 and 520/85R38 tires, ITC JD AutoSteer, mapping, boom control and AutoHeight, very good, \$95,000 OBO. 306-227-5217, 306-644-2166 Loreburn SK

2011 ROGATOR 1396, 120', Sharp Shooter, 2 sets tires, Viper, dividers, Smartrax, Stk #020465, \$240,000. 1-888-576-5561 or www.redheadequipment.ca

2015 CASE/IH 4440, 120', luxury cab, active susp., 710 floaters and 380/90R46, Stk #019629, \$480,000. 1-888-576-5561, Prince Albert. www.redheadequipment.ca

2003 SPRA-COUPÉ 4640 High Clearance sprayer, 80' boom, 600 hrs., \$65,000. A.E. Chicoine Farm Equipment, 306-449-2255, Storhacks, SK.

1998 CASE/IH SPX3185, 90', 2 sets of tires, Stk: 017817, \$79,000. Saskatoon, SK., 1-888-576-5561 or view website: www.redheadequipment.ca



2013 VERSATILE SX275, 120', 1200 gal., 14.9x46 duals, crop dividers, AutoBoom, AutoSteer, 550 hrs., 1 owner, shedded, vg, \$179,000. Call Cam-Don Motors Ltd., 306-237-4212, Perdue, SK.

2013 CASE/IH FL4530 floater, 70', auto fold tip, luxury cab, 810 flex air applicator, Stk #021154, \$320,000. Prince Albert, SK. 1-888-576-5561. redheadequipment.ca

2012 JD 4940, 120', 1200 gal., Boom Trac Pro 5, leveling, 1300 hrs., STK# 020967, \$297,000. 1-888-576-5561, Swift Current, SK. or view www.redheadequipment.ca

2011 CASE/IH 4420, 120', 2 sets of tires, deluxe cab, Pro 600, 262 Receiver, 2500 hours, Stk #020293, \$240,000. 1-888-576-5561. redheadequipment.ca

SPRAYING VARIOUS
4244

TRIDEKON CROP SAVER, crop dividers. Reduce trampling losses by 80% to 90%. Call: Great West Agro, 306-398-8000.

FLOATER TIRES: Factory rims and tires: JD 4930/4940, R4045; 800/55R46 Goodyear tire and rim; 710/60R46 Goodyear LSW; Case 650/65R38 Michelins, \$13,500. Duals available for combines. 306-697-2856, Grenfell, SK.

FLOATER TIRES: Four 24.5x32 fits Rogator 1254, \$5000; Four 20.8x42 fits Case/IH, \$6000. 306-922-8155, Prince Albert, SK.

TILLAGE/SEEDING

HARROWS/PACKERS
4256

DEGELMAN 7000 STRAWMASTER 70', new tires, good condition, \$19,000. 306-273-4705, 306-621-2605, Rhein, SK.

TILLAGE EQUIPMENT
4262

ASHLAND TSI 18 yard direct mount scraper, GPS mount, JD or STX hitch, vg cond., \$44,900. 204-324-6298, Altona, MB.

2009 CASE/IH PTX 600 chisel plow, floating hitch, 44' c/w heavy harrows, heavy transport wheels, 1 owner, excellent condition. Bought 54'. Asking \$43,250. 204-723-5000, Notre Dame, MB.

CASE 5800 DEEP TILLER, 41', single point depth, edge-on shank, Summers 106 harrows, self-leveling hitch, good tires, excellent condition, \$25,500 OBO. 204-324-3264, Halbstadt, MB.

HORSCH JOKER DISCER PT400, large floatation tires, done very little acres, exc. cond., \$97,000. 204-573-6354 Brandon MB.

SALFORD 41' VERTICAL tillage unit, c/w MaxQuip NH3 pump, sectional control. Great for fall straw management and fertilizer application. 306-620-2218, Ituna, SK.

12' KELLO DISC plow, single, with hyd. or rope. 306-233-5241, Wakaw, SK.

2008 ST830 47' chisel plow, 5 plex, 650 lb. trip, 8" knock-on shovels, anhydrous Raven rate control, factory hitch, hyd. winch, 9/16" heavy harrows, \$75,000 OBO. Call 204-733-2446, Ochre River, MB.

TILLAGE EQUIPMENT
4262

USED WISHEK: 14', 16', 30'; Roam 16'; Hesston #2410 50' one-way; Kewanee breaking disc, 14'; DMI 5-7 shank rippers. www.zettlerfarmequipment.com 1-866-938-8537, Portage la Prairie, MB.

TRACTORS

CASE/IH
4286

WRECKING FOR PARTS: IHC 886, c/w Overhauled eng., 18.4x34 Firestone radials at 90%, 690 Leon loader, bucket, grapple and joystick. 1-877-564-8734, Roblin, MB.

2001 CASE CX90, 2200 hrs., CAHR, 3 PTH, 595 Allied loader QA, bale fork, 540/1000 PTO, \$45,000. 306-862-3136, Nipawin, SK

IH 4386/4586/4786 PUMPS in stock, built here. We can increase pump flow for air seeder use. Call with your part #. 800-667-7712 Hydratec Hydraulics, Regina

LIZARD CREEK REPAIR and Tractor. We buy 90 and 94 Series Case, 2 WD, FWA tractors for parts and rebuilding. Also have rebuilt tractors and parts for sale. 306-784-7841, Herbert, SK.

STEIGER
4289

STEIGER PUMPS IN stock. Spline drive and gear drive models built here and are in stock. Call us with part #. Hydratec Hydraulics, 1-800-667-7712, Regina, SK.

STEIGER TRACTOR PARTS. New and used, from radiator to drawpin, 1969 to 1999. Give us a call 1-800-982-1769 or www.bigtractorparts.com

JOHN DEERE
4293



JOHN DEERE 8440 4 WD tractor, very good condition, only 5300 hours, PTO, shedded, Greenlighted in 2015, 6 tires at 75%, 2 new tires, \$25,000. Call for more information 306-333-4912, Abernethy, SK.

1991 JD 4760, 15 spd. PS, big 1000 RPM PTO, 16.5Lx16.1SL front, 20.8R42 duals, 9300 hrs., shedded, orig. owner, \$36,000. 306-280-1405, 306-225-4550, Hague, SK.

STEVE'S TRACTOR REBUILDER specializing in rebuilding JD tractors. Want Series 20s, 30s, 40s, 50s, 7000s to rebuild or for parts. pay top \$\$\$. Now selling JD parts. 204-466-2927, 204-871-5170, Austin, MB.

JD 8970, new tires; JD 4440, rebuilt engine; JD 4450, FWD, 3 PTH, new engine; JD 4255, FWD. 204-871-5170, Austin, MB.

JD 4440, factory duals, dual PTO, very clean, 6782 hrs., \$23,500. Call 204-746-2016, 204-746-5345, Morris, MB.

RETIRING: 1980 JD 4640 tractor, recent drop-in 50 Series eng. and trans. service. Call 306-638-4550, Findlater, SK.

1981 JD 8640, 4WD, 8300 hours, good condition, \$18,500. Call 306-739-2442, Moosomin, SK.

2007 JD 9400, 24 spd., new triples, 6900 hrs., Greenlighted, \$105,000 OBO. Call Ed for details 204-299-6465, Starbuck, MB.

1983 JD 8450, 4780 hrs., 3 hyd., inside tires 3 years old, good cond., \$27,000 OBO. 306-889-2035 eves, Mistatim, MB.

2001 JD 8210, 3850 hrs., AutoTrac ready; 2001 7710, 4200 hrs., 3 PTH. Both have 540/1000 PTO. 204-522-6333, Melita, MB.

2001 7810 FWA, 20 spd. AutoQuad trans., LHR, 3 PTH, HD front susp., 741 self-level loader w/grapple, 7300 hrs., recent OH on trans, \$85,000. 306-883-9230, Leoville, SK

MASSEY FERGUSON
4301

1973 MF 1135, 18.4x38 (new), 6000 hrs, real good original tractor, \$10,900. Cam-Don Motors, 306-237-4212, Perdue, SK.

MASSEY 4000/4840/4880/4900 hydraulic pumps built here and in stock. Suitable to run air seeder systems. Big savings, superior product. Hydratec Hydraulics, 1-800-667-7712, Regina, SK.

VARIOUS SYSTEM IMPROVEMENTS for 800/900 series Versatile tractors. Can easily be converted to pull air seeders. Hydratec Hydraulics, 800-667-7712, Regina.

NEW HOLLAND
4304

2011 NEW HOLLAND 1530, w/FEL, 45 HP diesel, like new, only 188 hrs., \$18,500 OBO. Call 306-281-8440, Saskatoon, SK.

VERSATILE
4310

1984 VERSATILE 975, w/855 Cummins, new paint, new interior, new pins and bushings, 8000 hrs., very nice, hard to find! Call 218-779-1710.

ESTATE SALE: 935 Versatile, NH 7090 round baler, like new; Sconcrete 848a 8' tractor mounted 3 PTH snowblower; 1975 Int. 1466, duals, new sleeves/pistons; 1977 Ford F600 3 ton, 40,000 miles; 1975 MF 760 V8 hydro combine; Walinga 6614 agra vac. 403-304-9217, Hoosier, SK.

1978 VERSATILE 835, 1000 PTO, 7300 hrs., clutch, rad, batteries replaced last 500 hrs. 204-535-2253, Baldur, MB.

2013 VERSATILE 450, PS, PTO, 800 duals, deluxe cab, 675 hours, vg, shedded, \$279,000. Call Cam-Don Motors Ltd., 306-237-4212, Perdue, SK.

VARIOUS TRACTORS
4319

2013 FENDT 724, 2450 hrs., 3PTH, Auto-Steer, FEL, FWA, deluxe cab, 240 HP, excellent condition, \$190,000. Call or text 403-394-4160, Coaldale, AB.

AIR SEEDER DRIVE systems available for older tractors, lots of variations. Hydratec Hydraulics, 1-800-667-7712, Regina, SK.

2008 MAHINDRA 3316, 700 hrs., 33 HP hydrostatic, c/w QA bucket, \$13,000 OBO. 306-547-3434, Preeceville, SK.

LOADERS/DOZERS
4322



2009 HYUNDAI LOADER HL740XTD, S/N# LF0710299, mint condition, 13,540 hrs., \$58,000. Call 204-981-3636, Cartier, MB.

IHC TD7E LGP dozer, 6-way blade; IHC 125E crawler loader w/4-in-1 bucket and ripper. M&M Equip. Ltd. Parts & Service, Regina, SK. 306-543-8377.

MISCELLANEOUS
4325

37' LAURIER HANGING packer bar, in good shape. 1-1/2 HP elec. pressure washer, 1500 PST. 204-745-2784, Carman, MB.

ODESSA ROCKPICKER SALES: New Degelman equipment, land rollers, Strawmaster rockpickers, protil, dozer blades. 306-957-4403, 306-536-5097, Odessa, SK.

JD 6601 PT, good cond., \$900; Massey 851 PT, needs tire, asking \$800; Massey 24' PT swather, asking \$1000; Brandt 850 72' PTO grain auger, asking \$2000. 306-395-2651, 306-690-5715, Chaplin, SK.

FLAX STRAW BUNCHER and land levelers. Building now, taking orders. Don't delay, call now! 306-957-4279, Odessa, SK.

1972 GMC 2 ton grain truck, tilt cab, B&H, roll tarp; Flexi-Coil PBH swath roller; 50' Flexi-Coil harrow packers; CIH 25' heavy tandem disc; Morris 36' cult.; Morris 36' rowweeder. 306-227-0075, Alvena, SK.

GRAIN SCREENERS: HICAP 44, \$3000; Neco 52, \$5000; Sukup 50-in., \$4000; Hutchinson 1600 w/tailings auger, \$3500; Kwik Kleen 587 tube cleaners, \$5000 up; Screens \$150; New 10-ft Landlevelers, \$2450; 12-ft, \$2650; Scrapers: Ashland 4.5-yd, \$4500; Ashland 6-yd, \$5000; Everman 6-yd, \$5500; John Deere 6.5-yd, \$6500; Solmover 740, \$7000; Midland 8-yd, \$8000; V Drainage plow, \$2000. 204-857-8403.

NH TR85 COMBINE, 1900 hrs, field ready, 30' Westward PTO swather, field ready, NH 34' air seeder, w/Magnum II Morris cult. 306-682-2585, Humboldt, SK.

NH 270 SQ. BALER; IHC 16.5' cult.; 10 sec. harrows w/drawbar; 27' Mayrath and 31' Vers. grain augers; 42' field sprayer. 204-256-8668, 204-425-3602, Zhoda, MB.



AVAILABLE FOR HARVEST Devloo Canola Crusher, \$840. Gerry 204-744-2773, devlooc@xplornet.ca Somerset, MB.

ELIMINATE DUST WITH ACE DUST SUPPRESSANT- safe alternative to chemicals. We use canola oil, environmentally friendly. Water repellent drying rods faster, lasts much longer than calcium chloride. Excellent for dust control when mixing with your livestock feed. Call Ace Enterprises, Saskatoon, toll free 1-844-291-6582. Or visit our website: www.aceenterprises.com

1977 IHC 1600 w/15 ft. box & hoist, roll tarp, \$5000; 27 ft. R-7 Gleaner header with transport, \$5500; Gleaner N-6 & R-7 parts, chopper, twin spreader, rotor, fans, pulleys, etc.; Farm King 7x41 & 8x46 augers with motors, \$1500 each. Call 204-785-0498, Selkirk MB.

WESTFIELD AUGER, w/hopper, 48', vg, \$3700 OBO. JD double disc, 20', good cond., \$550 OBO. Also NH sq. baler, \$600 OBO. Jack 204-827-2162, Glenboro, MB.

WANTED
4328

WANTED: NH3 GOPHER exterminator. Call 306-567-4702, Davidson, SK.

WANTED shop manual for white tractor model 6085. 204-659-5842

WANTED: 2 OLDER STYLE batt reels, any size, wood or steel. Call 306-698-3245, Wolseley, SK.

TRACTORS WANTED: 1105 Massey Ferguson or Case 2090 or 2290 (w/loader) In good shape. 204-212-0549.

WANTED

MF #36 DISCERS. Will pay top dollar and pick from anywhere. Phone Mike 306-723-4875, Cupar, SK.

WANTED: Older and newer tractors, in running condition or for parts. Goods Used Tractor Parts, 1-877-564-8734.

LOOKING FOR: Macdon 96-1999 w/blown motor or burn SP windrower; Also 18' 972 draper header. 306-796-4546, Chaplin, SK.

WANTED: USED, BURNED, old or ugly tractors. Newer models too! Smith's Tractor Wrecking, 1-888-676-4847.

FENCING
4400

CUSTOM FENCING AND corral building, no job too big or too small. Call 306-699-7450, Qu'Appelle, SK.



IT'S FINALLY HERE...The World's First Cordless, Hoesless Fence Stapler! Also Gallagher Power Fence Products. Available from D&R Prairie Supplies, 306-221-1558, Saskatoon, SK.

FENCING
4400

GUARANTEED PRESSURE TREATED fence posts, lumber slabs and rails. Call Lehner Wood Preservers Ltd., ask for Ron 306-763-4232, Prince Albert, SK.

SOLIDLOCK AND TREE ISLAND game wire and all accessories for installation. Heights from 26" to 120". Ideal for elk, deer, bison, sheep, swine, cattle, etc. Tom Jensen ph/fax: 306-426-2305, Smeaton, SK.

FIREWOOD
4423

BLOCKED SEASONED JACK Pine firewood and wood chips for sale. Lehner Wood Preservers Ltd., 306-763-4232, Prince Albert, SK. Will deliver. Self-unloading trailer.

FISH/FISH FARMING
4500

LOOK HERE

BEV'S FISH & SEAFOOD LTD., buy direct, fresh fish: Pickerel, Northern Pike, Whitefish and Lake Trout. Seafood also available. Phone toll free 1-877-434-7477, 306-763-8277, Prince Albert, SK.

Call our toll-free number to take advantage of our Prepayment Bonus. Prepay for 3 weeks and we'll run your ad 2 more weeks for free. That's 5 weeks for the price of 3. Call 1-800-782-0794 today!

FORESTRY/LOGGING EQUIPMENT
4550

WANTED: LOG DEBARKER. For sale: 128 mobile Dimensional SAWMILL, 3 blade, Volkswagen motor. 204-848-2254.

GENERATORS
4725

DIESEL GENSET SALES AND SERVICE. 12 to 300 KWs, lots of units in stock. Used and new: Perkins, John Deere and Deutz. We also build custom gensets. We currently have special pricing on new John Deere units. Call for pricing 204-792-7471.

NEW AND USED generators, all sizes from 5 kw to 3000 kw, gas, LPG or diesel. Phone for availability and prices. Many used in stock. 204-643-5441, Fraserwood, MB.

HEATING/AIR CONDITIONING
4850

The Icynene Insulation System®

- Sprayed foam insulation
- Ideal for shops, barns or homes
- Healthier, Quieter, More Energy Efficient®

ICYNENE PENTA
www.penta.ca 1-800-587-4711

IRON/STEEL
4960

BRUNSWICK STEEL

125 BISMARCK STREET, WINNIPEG, MANITOBA (off Springfield Rd)

STORE

- No minimum order
- Sells steel by the length, or by the foot & full or part sheets
- While-you-wait we can: saw, shear, punch, drill
- Express delivery

CONTACT THE STORE DIRECT: store@brunswicksteel.com 204-224-6212

SERVICE CENTRE

- Competitively priced on volume orders
- Superior stock selection
- Processing Services
- Hardox Wearparts
- Express Orders (Processed parts within 24hrs)
- Stainless & Aluminum

CONTACT THE SERVICE CENTRE: sales@brunswicksteel.com 204-224-

CATTLE

AUCTIONS SALES 5005

GRUNTHAL LIVESTOCK AUCTION MART

Hwy #205, Grunthal (204) 434-6519

GRUNTHAL, MB. AGENT FOR T.E.A.M. MARKETING

REGULAR CATTLE SALES every TUESDAY at 9 am Sept. 13, 20 & 27

Thurs., September 8th at 5:00 pm OPEN HOUSE Beef on a Bun Fundraiser Auction for Bethesda Foundation

Mon., Sept. 12th at 12:00 Noon Sheep and Goat with Small Animals & Holstein Calves

For on farm appraisal of livestock or for marketing information please call Brad Kehler (Manager) Cell 204-346-2440 Auction Mart (204) 434-6519 MB. Livestock Dealer #1111

WWW.GRUNTHALLIVESTOCK.COM

BLACK ANGUS 5010

BELMORAL HERD DISPERSAL: Canadian bloodlines, 20 Reg. cows, 1600-1800 lbs. Have to see to appreciate. 306-877-2014, 306-745-7505, Dubuc, SK.

SELLING: BLACK ANGUS BULLS. Wayside Angus, Henry and Bernie Jungwirth, 306-256-3607, Cudworth, SK.

PUREBRED BLACK ANGUS long yearling bulls, replacement heifers, AI service. Meadow Ridge Enterprises, 306-373-9140 or 306-270-6628, Saskatoon, SK.

BLACK ANGUS BULLS, two year olds, semen tested, guaranteed breeders. Delivery available. 306-287-3900, 306-287-8006, Englefeld, SK. www.skinnerfarms.ca

RED ANGUS 5015

2 YEAR OLD RED PB bulls, semen tested, \$2500 each. Phone 204-371-6404, St. Anne, MB.

RED ANGUS BULLS, two year olds, semen tested, guaranteed breeders. Delivery available. 306-287-3900, 306-287-8006, Englefeld, SK. www.skinnerfarms.ca

CHAROLAIS 5055

POLLED YEARLING BULLS, easy calving, good looking, quiet, reasonable price. Message at 306-931-8069, Saskatoon, SK.

2 AND 3 yr. olds and yearling bulls. Silver Bullet and Specialist breeding, Marten's Charolais, 204-534-8370, Boissevain, MB.

QUIET POLLED YEARLING CHAROLAIS bulls. Will semen test and deliver. Call Bar H Charolais, Kevin Haylock, 306-697-2901 or 306-697-8771, Grenfell, SK.

HIGHLAND 5100

FRESH AND SPRINGING heifers for sale. Cows and quota needed. We buy all classes of slaughter cattle-beef and dairy. R&F Livestock Inc. Bryce Fisher, Warman, SK. Phone 306-239-2298, cell 306-221-2620.

LIMOUSIN 5115

TRIPLE R LIMOUSIN HAS Bulls for sale. 2-yr olds & yearlings. Red, Black & Yellow. Polled & performance, or calving ease ones. Limousin, Limousin X Angus, Limousin X Charolais. All bulls guaranteed & can deliver. Volume discount. 204-685-2628 or Cell: 204-856-3440.

SHORTHORN 5200

INTERESTED IN GETTING SHORTHORN influence into your breeding program? Visit us at: manitobashorthorns.com or call our field rep. Tom Walls 204-895-8191

CATTLE VARIOUS 5240

BLACK ANGUS AND HEREFORD BULL and a few cows. 855 and 851 NH baler. Two 250 3 wheelers. 204-425-3016, MB.

COW/CALF PAIRS, approx. 30, \$2900 per pair. Can pasture until October. Located near Dunblane, SK. Call 306-653-0135.

40 RED AND 80 Black big 1350 lbs. heifers with calves for sale. Call 306-773-1049 or 306-741-6513, Swift Current, SK.

CATTLE WANTED 5245

WANTED: 200 Red or Black Angus cross younger cows, lease to own. References available. 306-542-2575, 306-542-7007, Verigin, SK.

HORSES

AUCTIONS SALES 5305

MBPHB LOUD AND PROUD Foal and Horse Sale, Sept. 17, 1:00 DST, at Spot 4 Quarter Arena, Pierson, MB. 204-634-2375 for info. www.mbpainthorsebreeders.com

PONIES 5408

QUALITY PONIES, harness and saddle trained. Bamford Pony Farm, La Riviere, MB, 204-242-2369.

HARNESS/VEHICLES 5470



EXCELLENT HORSE BUGGY W/SHAFTS: 38" wheels fr., 44" wheels rr., \$2800. Also brand new pole (Ont. built-never used), double tree & neck yoke for extra \$800. Call Stan at 306-290-7677, Saskatoon, SK.



4 PERSON HORSE WAGON with pole and neck yoke, newly painted, 26" motorcycle tires, solid construction. Can be easily pulled with single horse (quarter horse size), shafts not included, \$1875. Ready to go! Stan at 306-290-7677, Saskatoon, SK.

SHEEP

AUCTIONS SALES 5505

ANNUAL PRE-SORT FALL SALE: Hosted by SSSB, Sat., Sept. 24/16 at 1 PM, Saskatoon Livestock Sales. All pre-booked stock must be in by 4 PM on Friday, Sept. 23rd. Ph 306-933-5200, web: www.skssheep.com or email: sheepdb@sasktel.net

D5 PERFORMANCE HORSES and Guests Production Sale, Saturday, September 24th at 1:00PM. Sale conducted by Johnstone Auction Mart, Moose Jaw, SK. 2016 foals; Younger started horses; and Riding horses. Catalogues are available on-line at www.johnstoneauction.ca or call 306-693-4715 for more info. PL #914447

SHEEP VARIOUS 5590

COTSWOLD EWES AND RAMS. Scrapie resistant genotype. Phone 306-285-3639, Lashburn, SK.

SHEEP SERVICE/ SUPPLIES 5598

SASK. SHEEP DEV. BOARD sole distributor of sheep ID tags in Sask., offers programs, marketing services and sheep/good supplies. 306-933-5200, Saskatoon, SK. www.skssheep.com

SWINE

SWINE WANTED 5675

WANTED: BUTCHER HOGS SOWS AND BOARS FOR EXPORT P. QUINTAINE & SON LTD. 728-7549 Licence No. 1123

ORGANIC PRODUCTS

CERTIFICATION SERVICES 5943

WANT THE ORGANIC ADVANTAGE? Contact an organic Agrolgist at Pro-Cert for information on organic farming: prospects, transition, barriers, benefits, certification & marketing. Call: 306-382-1299, Saskatoon, SK. or at info@pro-cert.org

GRAINS 5947

WANTED

ORGANIC FEED GRAIN. Call DMI 306-515-3500, Regina, SK.

Do you want to target Manitoba farmers? Place your ad in the Manitoba Co-operator. Manitoba's best-read farm publication.

WANTED: ORGANIC LENTILS, peas and chickpeas. Stonehenge Organics, Assiniboia, SK., 306-640-8600, 306-640-8437.

PERSONAL

PERSONAL ADS Personal Advertisements will not be accepted over the telephone. Only those advertisements carrying the written signature of the advertiser will be published. (Although name and address will not appear in one's ad, we must have this information for our files.) Full payment must also accompany Personal Ads. Replies to Western Producer box numbers will be forwarded for two months.

TIME TO APPRECIATE RELATIONSHIPS! Life is meant to be shared. We are here to help you. Candlelight matchmakers. Confidential, Rural, Photos/Profiles to selected matches, Local, Affordable, Serving MB, SK, NW-ON. Write/Call: Box 212, Roland, MB. ROG 1TO, 204-343-2475, or candlelightmatchmakers@gmail.com

LEON 755 MANURE SPREADER, brand new beater assembly, \$39,000 OBO. Phone 306-739-2748, Wawota, SK.

SVEN ROLLER MILLS. Built for over 40 years. PTO/elec. drive, 40 to 1000 bu./hr. Example: 300 bu./hr. unit costs \$1/hr. to run. Rolls peas and all grains. We retrograde and repair all makes of mills. Call Apollo Machine 306-242-9884, 1-877-255-0187. www.apollomachineandproducts.com

PERSONAL VARIOUS 5952

DO YOU KNOW an amazing single guy who shouldn't be? Camelot Introductions has been successfully matching people for over 22 years. In-person interviews by Intuitive Matchmaker in MB and SK. www.camelotintroductions.com or phone 306-978-LOVE (5683).

LIVESTOCK EQUIPMENT 5790

STOP WASTING GRAIN! Try our grain troughs: 30' c/w skids, made of conveyor belting and pipe, \$750 ea. 306-538-4685, 306-736-7146, Kennedy, SK.

FREESTANDING CORRAL PANELS for cattle, horses, bison and sheep. 21'x5-bar, \$219; 21'x6-bar, \$239; 21' horse panel, \$179; 21'x7-bar bison, \$299; 24'x5-bar HD continuous panels, \$189; Feedlot continuous bunk feeders "you will love them"; 30' windbreak frames; Framed gates; FS panels w/gates; 20' barrel feed trough, \$295; 21' belted feed trough, \$395; 20' bunk feeder panels, \$399; 50' round pen kits from \$1385; 10' panels, \$79; 10' bull panel, \$129; Horse haysavers, \$489; Round bale feeders. For sheep: 4' and 7' panels; 21' freestanding panels; Feed troughs; Rnd. bale feeders; Small hay feeders; Lots of gates. 1-844-500-5341. For pics/info www.affordablelivestockequipment.com Will accept custom orders. Reasonable trucking rates available for delivery.

CREEP FEEDER: 250 bu. on wheels, asking \$3000. 204-212-0549, Glenella, MB.

GREG'S WELDING: Freestanding 30' 5 bar panels, all 2-7/8" drill stem construction, \$470; 24'x5.5' panels, 2-7/8" pipe with 5-1" sucker rods, \$350; 24'x6' panels, 2-7/8" pipe with 6-1" rods, \$375; 30' 2 or 3 bar windbreak panels c/w lumber. Gates and double hinges avail. on all panels. Belting troughs for grain or silage. Calf shelters. Del. avail. 306-768-8555, Carrot River, SK.

We know that farming is enough of a gamble so if you want to sell it fast place your ad in the Manitoba Co-operator classifieds. It's a Sure Thing. Call our toll-free number today. We have friendly staff ready to help. 1-800-782-0794. =

MISC. ARTICLES 5850



PLASTIC STACKABLE PALLET: Heavy duty 3000 lb. weight, 48x40", \$8/each; **STEEL PALLET:** 40.5x40.5", 44x44", \$20/each. Call 204-822-3445 or call or text 204-823-1220, Morden, MB.

NOTICES 5925

NOTRE DAME USED OIL & FILTER DEPOT

- Buy Used Oil
- Buy Batteries
- Collect Used Filters
- Collect Oil Containers
- Antifreeze

Southern and Western Eastern and Western

Tel: 204-248-2110 Manitoba

ORGANIC PRODUCTS

CERTIFICATION SERVICES 5943

WANT THE ORGANIC ADVANTAGE? Contact an organic Agrolgist at Pro-Cert for information on organic farming: prospects, transition, barriers, benefits, certification & marketing. Call: 306-382-1299, Saskatoon, SK. or at info@pro-cert.org

GRAINS 5947

WANTED

ORGANIC FEED GRAIN. Call DMI 306-515-3500, Regina, SK.

Do you want to target Manitoba farmers? Place your ad in the Manitoba Co-operator. Manitoba's best-read farm publication.

WANTED: ORGANIC LENTILS, peas and chickpeas. Stonehenge Organics, Assiniboia, SK., 306-640-8600, 306-640-8437.

PERSONAL

PERSONAL ADS Personal Advertisements will not be accepted over the telephone. Only those advertisements carrying the written signature of the advertiser will be published. (Although name and address will not appear in one's ad, we must have this information for our files.) Full payment must also accompany Personal Ads. Replies to Western Producer box numbers will be forwarded for two months.

TIME TO APPRECIATE RELATIONSHIPS! Life is meant to be shared. We are here to help you. Candlelight matchmakers. Confidential, Rural, Photos/Profiles to selected matches, Local, Affordable, Serving MB, SK, NW-ON. Write/Call: Box 212, Roland, MB. ROG 1TO, 204-343-2475, or candlelightmatchmakers@gmail.com

LEON 755 MANURE SPREADER, brand new beater assembly, \$39,000 OBO. Phone 306-739-2748, Wawota, SK.

SVEN ROLLER MILLS. Built for over 40 years. PTO/elec. drive, 40 to 1000 bu./hr. Example: 300 bu./hr. unit costs \$1/hr. to run. Rolls peas and all grains. We retrograde and repair all makes of mills. Call Apollo Machine 306-242-9884, 1-877-255-0187. www.apollomachineandproducts.com

PERSONAL VARIOUS 5952

DO YOU KNOW an amazing single guy who shouldn't be? Camelot Introductions has been successfully matching people for over 22 years. In-person interviews by Intuitive Matchmaker in MB and SK. www.camelotintroductions.com or phone 306-978-LOVE (5683).

PETS

THE ANIMAL PEDIGREE ACT
No person shall, without an express statement that the animal's registration, identification or status as a purebred is from a jurisdiction other than Canada and that the animal will not be registered or identified in Canada by the person, sell, as registered or identified, or as eligible to be registered or identified, or as a pure-bred, any animal without providing to the buyer thereof within six months after the sale the animal's duly transferred certificate of registration or certificate of identification. Any person who contravenes any provision of this Act or the regulations (a) is guilty of an offence punishable on summary conviction and is liable to a fine not exceeding twenty-five thousand dollars; or (b) is guilty of an indictable offence and is liable to a fine not exceeding fifty thousand dollars. For further information contact: Canadian Kennel Club Etobicoke, Ont.

WORKING DOGS 5973

WANTED: LABRADOR OR Chesapeake retriever pup, with field trial background. Registered dog for hunting purposes. Call 204-757-2023, St. Andrews, MB.

BONAFIDE REG. AUSTRALIAN Kelpie pups, parents make a living on cow/calf operation at community pasture. Also started working Kelpies. Call Watkinson Working Kelpies, 306-692-2573, Moose Jaw, SK.

REAL ESTATE

COTTAGE/LOTS 6125

LOTS AND CABINS FOR SALE at Sun Hills Resort, Lake of the Prairies, 40 min. East of Yorkton, SK. Phone 306-597-9999 or visit www.sunhillsresort.com

HOUSES/LOTS 6126

SMALL HOUSE, 837 Main St., Saskatoon, SK. 720 sq. ft., 2 bdrm, 26.5' lot, close to Broadway Ave and University, asking \$272,900. Selling by owner. 306-280-2646 or 306-343-6704.

TIMBER FRAMES, LOG STRUCTURES and Vertical Log Cabins. Log home refinishing and chinking. Certified Log Builder with 38 years experience. Log & Timber Works, Delisle, SK, 306-717-5161. Email info@logandtimberworks.com Website at www.logandtimberworks.com

MOBILE HOMES 6127

BEST CANADIAN HOMES built by Moduline Best prices! 1520 sq. ft., \$111,500; 1216 sq. ft. \$99,900; 1088 sq. ft. \$92,900. Ready for delivery. Custom orders welcome. On-site consultation. Yellowhead Modular Home Sales, 306-496-7538, 306-849-0002 weekend calls. Personalized service. www.affordablehomesales.ca

MEDALLION HOMES 1-800-249-3969 Immediate delivery: New 16' and 20' modular homes; Also used 14' and 16' homes. Now available: Lake homes. Medallion Homes, 306-764-2121, Prince Albert, SK.

READY TO MOVE: 1999 RICHWOOD, 76x16, asking \$45,000. Open concept, 3 bdrm, 2 baths, nat. gas furnace, water heater, fireplace, jet tub, AC, 4 appliances, front and back deck. 306-268-2600, 306-268-7436, Horden, SK.

READY TO MOVE 6128

RTMS AND SITE built homes. Call 1-866-933-9595, or go online for pictures and pricing at: www.warmanhomes.ca

READY TO MOVE HOMES: just completed, 1560 sq. ft. home, 3 bdrm, 2.5 bath, master has ensuite bath & walk-in closet, main floor laundry, beautiful large kitchen & island, front covered deck. Call or email for more info Marvin Homes Inc, Marvyn Vogt, Mitchell, MB. 204-326-1493 or 204-355-8484. marvinhomesinc@live.com www.marvinhomes.ca

READY TO MOVE MODULAR. Beautiful, well-kept, 1250 sq. ft., 3 bed., 2 bath single family home. Vaulted ceilings, large kitchen, jacuzzi off master bedroom, central air. Numerous renovations. \$85,000 elnico@mymts.net

FARM & RANCHES

SASKATCHEWAN 6133



SPECTACULAR RANCH ON Lake Diefenbaker, 10,670 acres for sale. Prime Sask. real estate. Tenders closing Sept. 16. View: www.castlelandranch.com

RM LEASK #464, MLS# 580974. 479 acre cattle farm with 364 acres in tame hay, balance bush and pasture openings, fenced with 4 wires and treated post. 3 bdrm home with full basement in nice condition. 40x60 quonset with dirt floor, 28x40 quonset style barn, well and 2 water bowls plus hydrant in barn. Also a small lake stocked with rainbow trout. To view call Lloyd Ledinski, Re/Max of the Battledowns, 306-446-8800, 306-441-0512.

160 ACRES, near Regina, w/yard and business opportunity; 15 acres w/large character home, plus 2nd home on property within 35 miles of Regina or Weyburn on Hwy. #35; 160 acres w/large home, 3 car heated garage, large shop, horse barn, plenty of water, 20 min. NE of Regina. Beside Regina, SK: 3 acre property/house/greenhouses; Near Pilot Butte, 80 acre development land; 90+ acres, Hwy. #11, 7 miles North of Saskatoon, development; RM Perdue, 2 quarters W. of Saskatoon on Hwy #14; 2 miles East of Balgonie Hwy. #1, 145 acre development land. Brian Tiefenbach 306-536-3269, Colliers Int., Regina, SK. www.collierscanada.com

WANTED 6138

FARMS WANTED. If you are considering selling your farm, contact me. I have eight years experience selling farms and farmed all my life. All discussions are confidential. Rick Taylor, Homelife Home Professional Realty. 204-867-7551, rtaylor@homelife.com www.homelifeopro.com

ACREAGES 6139

NE-2-25-27-W1st. PICTURESQUE 14.05 acre holding, located approx. 15 miles south of Roblin, MB. Includes numerous outbuildings and older dwelling. Contact Roblin Realty and Travel, Terry Hawryluk, 204-247-0672, 204-937-4698.

SASKATCHEWAN 6133



ESTATE OF WALTER SHIPOWICK and Vange Shipowick Auction, Unreserved Real Estate Auction, Monday, Oct. 3, 2016, 1:00 PM. Directions: 5 miles North on #9 to Mehane Road, 2 miles East, 1/4 South. Call Wayne 587-938-7630 for viewings. Sale on location. Location! Location! Location! NE-1/4-31-26-3-W2, RM of Wallace. Approx. 130 acres of alfalfa, large 2600 sq. ft. house, 3 bdrms upstairs, 3 bdrms downstairs in fully developed basement suite. New shingles, attached garage, sheltered yard, close road access. Large abundance of water. Extra buildings including 120' quonset, barn, corrals, and second house which is still in use with new water heater and new furnace. This property is very well sheltered with trees, flowers, grass, etc. Property is situated North of Yorkton on Mehane Road, 10 min. drive to Yorkton. For further info visit www.ukrainetzauction.com PL915851

FOR RENT: 24 quarters of cultivated land, on share basis. 11 quarters in one block. Rest in 2 mile radius of each other. Serious inquiries only. Box 5589, c/o The Western Producer, Box 2500 Saskatoon SK S7K2C4

RM CANWOOD #494- just listed. This 140 acre scenic property is close to the Cookson pasture and the Prince Albert National Park. 1232 sq. ft. home built in 1960, 30x32 hip roof horse barn. Approx. 65 acres of tame hay. Balance is some harvestable spruce timber plus pasture openings. Just a great well sheltered yard. Fenced with 3 wires and treated post. MLS#584810. For further info. or to view call Lloyd Ledinski, Re/Max of the Battledowns, 306-446-8800, 306-441-0512.

MACK AUCTION CO. presents a Land Auction for Reg and Dale Faber, Thursday, October 20, 7:00 PM, Alameda, SK., Legion Hall. Four quarter sections of pasture and hay land situated on #9 Hwy. South of Carlyle, SK., in the RM Moose Creek #33. Parcel 1: SE-24-05-03-W2, Parcel 2: The following 3 quarters sell as one package with a combined oil SLR of 95000 annually. SE-31-05-02-W2, NE-31-05-02-W2, SW-31-05-02-W2, 4 water sources, bar-wire fence. For details view website: www.mackauctioncompany.com PL911692



RM 496: 296 acres, 235 broke, all seeded Alfalfa/Brome, plus 160 acres of lease. 1677 sq. ft., 4 bdrm, 1 bath, root cellar, outbuildings, various fruit trees, \$335,000. Also 10.43 acres, water, power, phone, \$80,000. 306-427-4716, Spiritwood, SK.

MANITOBA 6134

EXCELLENT LIVESTOCK FARMS: 1) 1000 head feedlot, Hartney. 2) 1732 deeded acres w/4425 acres of Crown land, fenced, small bungalow, very good buildings and metal coral system, can carry 450 cow/calf pairs. 3) 1270 deeded acres cattle farm by Lac du Bonnet, 640 acres Crown land, turnkey operation. 4) Excellent horse ranch in Erickson, MB., Riding Arena and buildings in fantastic condition. 5) 640 acres mixed farm within 15 min. of Brandon. Jim McLachlan 204-724-7753, HomeLife Home Professional Realty Inc, Brandon, MB. www.homelifeopro.com

NORMAN AND FERN LUSSIER of Lac du Bonnet, MB. intend to sell private lands: SE-1-16-10-E, N1/2-2-16-10-E, E1/2-12-16-10-E, S1/2-3-16-10-E, SE-35-15-10-E, N1/2 of NW-36-15-10-E to Rupert and Mary Theuerer, Moose Jaw, SK, who will be considered by Manitoba Agriculture, Food, and Rural Development for possible transfer of Crown Land forage lease associated with this ranch unit. This forage lease currently consists of the following: NE-11-16-10-E, SE-11-16-10-E, NW-12-16-10-E, SW-12-16-10-E. If you wish to comment on, or object to the potential transfer of this forage lease to this purchaser, write to: MAFRD, Agricultural Crown Lands, PO Box 1286, Minnedosa, MB. R0J 1E0 or fax 204-867-6578.

DAVID AND CAROL SRAYBASH of Rorketon, MB. intend to sell private lands: SW-19-28-15-W, NE-24-28-16-W, SE-24-28-16-W, NE-25-28-16-W, NW-36-28-16-W to Dallas Klassen who will be considered by Manitoba Agriculture for possible transfer of the Crown land forage lease associated with this ranch unit. This forage lease currently consists of the following: NE-31-27-13-W, NW-31-27-13-W, NW-32-27-13-W, NE-05-28-13-W, NW-05-28-13-W, SE-05-28-13-W, SW-05-28-13-W, NE-06-28-13-W, NW-06-28-13-W,

WHEAT 6419

Independent Seed Grower since 1982

We have your 2017 Winter Wheat!

AAC Gateway AC[™]Emerson

We grow the top varieties from Western Canada's leading seed breeders. Call to reserve your seed today!

Court Seeds courtseeds.ca
courtseeds@gmail.com
Plumas, MB
204 386-2354

MUSTARD 6462

BESCO GRAIN LTD. Buyer of all varieties of mustard. Call for competitive pricing. Call 204-736-3570, Brunkild, MB.

COMMON SEED

CEREAL SEEDS 6482

FALL RYE SEED, high germination, cleaned and field ready, \$9.50/bu. 306-335-2805, Lemberg, SK.

FORAGE SEEDS 6485

TOP QUALITY ALFALFA, variety of grasses and custom blends, farmer to farmer. Gary Waterhouse 306-874-5684, Naicam, SK.

FOR SALE: ALFALFA, TIMOTHY, Brome, Clover, hay & pasture blends, millet seed, Crown, Red Prozo, Leonard Friesen 204-685-2376, Austin, MB.

VARIOUS 6492

FEED GRAIN 6505

BUYING: HEATED CANOLA & FLAX

- Competitive Prices
- Prompt Movement
- Spring Threshed

WESTCAN "ON FARM PICK UP" 1-877-250-5252

HAY/STRAW 6510

2016 ALFALFA and ORCHARD grass bales, 3x4x8", 4¢/lb. and up depending on quality, reasonable freight. Call Alvin 204-355-4980, cell 204-371-5744.

BIG ROUND BALES, 1200 lbs., Orchard grass alfalfa mixture, solid core, no rain, \$35/bale. 204-886-2083 eves, Teulon, MB.

FERTILIZER 6530

COVER CROPS. Do you want to be free of fertilizer bills and have cleaner fields? N Fixation P&K scavengers. Taproot short and long season plants. Limited quantity. Give me a call 204-851-2101, Virden, MB.

WELL DRILLING 7300

KORNUM WELL DRILLING, farm, cottage and acreage wells, test holes, well rehabilitation, witching. PVC/SS construction, expert workmanship and fair pricing. 50% government grant now available. Indian Head, SK, 306-541-7210 or 306-695-2061

CAREER TRAINING 8001

U-DRIVE TRACTOR TRAILER Training, 30 years experience. Day 1 and 2 week upgrading programs for Class 1A, 3A and air brakes. One on one driving instructions. 306-786-6600, Yorkton, SK.

FARM/RANCH 8016

ROY HARVESTING is hiring for the 2016 harvest. Require combine operators and Class 1A truck drivers. Wages \$25/hr. plus room and board. Ph. Chuck 306-642-0055, Chris 306-632-0076, Glentworth, SK.

POSITION AVAILABLE Cypress Hills, SK. area. Background yearling grasser operation and cow/calf. Modern facilities and equipment. Good working environment. Class 1 preferred. Wages negotiable depending on experience. 306-295-7473.

FARM HELP REQUIRED for grain farm in Ituna, SK. area. Duties include: operating modern farm equip. and general farm duties. Must be able to work long hours and weekends in busy seasons. Class 1A license is a asset. Competitive wage according to experience. Call 306-620-2217.

Zeghers Seed Inc.

Phone: 204-526-2145 | www.zeghersseed.com
Email: shawnz@zeghersseed.com

Quality Fall Cereal Pedigree Seed Available

HAZLET Fall Rye - Proven performance!

EMERSON Winter Wheat - Excellent FHB Rating "R"! Improved winter hardiness, excellent yields!

Winter Triticale - Excellent cover crop, high yielding green feed and forage.

Looking for Pea seed, Yellow, Green or Forage types. Give us a Call!

Zeghers Seed Inc. is also a exporter of special crops. Dealing in flax, Mustard, Rye, Triticale, Spelt, Peas, Canary, Damaged Canola, millets, and others. Give us a call or Visit online for marketing opportunities!

NOW Available

COVER CROPS. HICKSEED LTD., Mossbank, SK. Now has on the floor for organic plowdown: Daikon radish (zero till); Hairy Vetch; Austrian Winter peas; Buckwheat; Yellow Blossom sweet clover. Also, green feed blends available. For all your seed needs call Hickseed Ltd. Barry 306-354-7998 or Dale 306-229-9517

FEED MISCELLANEOUS

FEED OATS, for sale, 4% wheat, .06¢/lb. Will deliver up to 150 kms. 306-336-2684, 306-331-8305, Lipton, SK.

WANTED: FEED BARLEY Buffalo Plains Cattle Company is looking to purchase barley. For pricing and delivery dates, call Kristen 306-624-2381, Bethune, SK.

Vanderveen Commodity Services Ltd.

LICENSED AND BONDED GRAIN BROKERS
37 4th Ave. NE Carman, MB R0G 0J0
Ph. (204) 745-6444
Email: vscltd@mts.net
Andy Vanderveen • Brett Vanderveen
Jesse Vanderveen
A Season to Grow... Only Days to Pay!

Emerson Milling Inc.

WE BUY OATS
Call us today for pricing
Box 424, Emerson, MB R0A 0L0
204-373-2328

Manitoba Co-OPERATOR

Have all the latest ag news and information at your fingertips.

Download the app at agreader.ca/mbc

DAIRY COW & CALF CARE: for someone who enjoys working with animals. Duties may include: feeding and caring for calves, treating sick cows and doing other barn work. Looking for self motivated, reliable individual who pays attention to detail. Competitive wages. Call 204-379-2640 or 204-745-7864 or email your resume to: borstlap@xplornet.com Haywood, MB.

CERTIFIED #1 CDC MOATS winter wheat. Hickseed Ltd., Mossbank, SK., Barry 306-354-7998 or Dale 306-229-9517.

SEED-EX Inc.

WE BUY:

- 2 and 6 row Malt Barley
- 15.0+ protein Hard Red Spring Wheat and 11.5 Protein Winter Wheat
- Soybeans, Canola and Pea's
- Feed Wheat, Barley and Corn

Farm Pick up Available
1-800-258-7434
mat@seed-ex.com
Best pricing, Best option, Best Service

FARMERS, RANCHERS, SEED PROCESSORS

BUYING ALL FEED GRAINS

Heated/Spring Threshed Lightweight/Green/Tough, Mixed Grain - Barley, Oats, Rye, Flax, Wheat, Durum, Lentils, Peas, Canola, Chickpeas, Triticale, Sunflowers, Screenings, Organics and By-Products

- ✓ ON-FARM PICKUP
- ✓ PROMPT PAYMENT
- ✓ LICENSED AND BONDED

SASKATOON, LLOYDMINSTER, LETHBRIDGE, VANCOUVER, MINNESOTA

1-204-867-8163

TANKS 6925

POLY TANKS: 15 to 10,000 gal.; Bladder tanks from 220 to 88,000 gallon; Water and liquid fertilizer; Fuel tanks, single and double wall; Truck and storage, gas or dsl. Wilke Sales, 306-586-5711, Regina, SK.

Hit our readers where it counts... in the classifieds. Place your ad in the Manitoba Co-operator classified section. 1-800-782-0794.

MANAGEMENT 8025

Zeghers Seed Inc.

Holland, MB.

Zeghers Seed Inc. is a food grains Processing and Packaging facility. We are currently looking to fill a Full-time ADMINISTRATIVE POSITION To assist with and coordinate administrative tasks in support of the sales, production, finance, customer and marketing functions of Zeghers Seed Inc.

Experience with Microsoft Office, data entry, accounting, and reception are definite assets.

Application closing date is: **September 9, 2016.**

Applicants can email resumes to Email: jonasc@zeghersseed.com

Zeghers Seed Inc.

Holland, MB.

Zeghers Seed Inc. is a food grains Processing and Packaging facility. We are currently looking for:

PROCESSING AND PACKAGING PERSONNEL

Experience in production, safety, agriculture, general mechanical skills, are definite assets but is not necessary. Eligible employ would receive full training in operations, quality, food safety, and personal safety.

Applicants can email resumes to Tryggvi@zeghersseed.com or call 1-204-526-2145. Application Deadline **September 9, 2016.**

ATTENTION

WANTED HEATED CANOLA. No broker involved. Sell direct to crushing plant. Cash on delivery or pickup. 306-228-7306 or 306-228-7325, Unity, SK.

LACKAWANNA PRODUCTS CORP. Buyers and sellers of all types of feed grain and grain by-products. Call 306-862-2723, Nipawin, SK.

WANTED: OFF-GRADE PULSES, oil seeds and cereals. All organic cereals and specialty crops. Prairie Wide Grain, Saskatoon, SK., 306-230-8101, 306-716-2297.

ATTENTION

NUVISION COMMODITIES is currently purchasing feed barley, wheat, peas and milling oats. 204-758-3401, St. Jean, MB.

TARPAULINS 6925

TEMPORARY GRAIN BIN replacement tarps for all sizes from 22' diameter to 105' dia. Best quality available Canadian made quality silver cone shaped tarps available for all sizes. All sizes in stock. Shipped overnight to most major points in Western Canada. For all pricing, details, and pics visit our website at www.willwood.ca or phone Willwood Industries toll free 1-866-781-9560, fax 306-781-0108.

FARM LABORER REQUIRED immediately for progressive grain and livestock farm in NE Sask. Top wage paid, wages depending on experience. Call Darcy 306-865-7859, Hudson Bay, SK. Please email resumes to friver@xplornet.com

TRADES/TECHNICAL 8044

FULL-TIME HD OR AG Journeyman and Apprentice mechanic needed. JD Ag Equipment experience is an asset. Wages depending upon experience, overtime avail. Jamie 306-259-1212, 306-946-9864, Young, SK. jamie640@hotmail.com

FORAGE SEEDS

MANAGE CROP RESIDUE WITH MICROBES

Ecotea™

Liquid Biological Amendment.

Now available for large commercial farms.

(204) 417-4122
Winnipeg, MB.
dale@overtonee.ca • www.ecotea.ca

HAY/STRAW 6510

LONG LAKE TRUCKING, two units, custom hay hauling. Call 306-567-7100, Imperial, SK.

TARPCO, SHUR-LOK, MICHEL'S sales, service, installations, repairs. Canadian company. We carry aeration socks. We now carry electric chute openers for grain trailer hoppers. 1-866-663-0000.

EXPERIENCED HELP for large grain farm, Class 1 an asset. Competitive wages/house avail. 306-550-4894, Odessa, SK.

EXPERIENCED COMBINE/EQUIPMENT operators for harvest. Call Mike 306-469-7741, Big River, SK.

ALFALFA 6425

TOP QUALITY CERTIFIED alfalfa and grass seed. Call Gary or Janice Waterhouse 306-874-5684, Naicam, SK.

400 BROME/ALFALFA 3x4 big square bales, put up dry, no rain. 306-364-4700, 306-320-1041, Leroy, SK.

ROUND BALE PICKING and hauling, small or large loads. Travel anywhere. Also hay for sale. 306-382-0785, Vanscoy, SK.

SHUR-LOK TRUCK TARPs and replacement tarps for all makes of trucks. Alan, 306-723-4967, 306-726-7808, Cupar, SK.

EXPERIENCED RANCH HAND available for fall/winter while you go on vacation. NS, ND, single. References available. Email: robertleimoine5555@gmail.com

EMPLOYMENT FOR A live in companion, or helper for a senior or with children, will do light housekeeping and cooking. Call 306-238-7743, Goodsoil, SK.

SPECIALTY CROPS

400 BROME/ALFALFA 6x6 round hay bales, .04¢ per lb., no rain. 306-634-7920, 306-421-1753, Estevan, SK.

LARGE ROUND AND LARGE square hay and alfalfa, delivered in semi loads. Call or text 306-408-0038, Moosomin, SK.

GOOD USED TRUCK TIRES: 700/8.25/900/1000/1100x20s; 11R22.5/11R24.5; 9R17.5, matched sets available. Pricing from \$90. K&L Equipment and Auto. Ph Ladimer, 306-795-7779, Ituna, SK; Chris at 306-537-2027, Regina, SK.

EMERSON MILLING INC. WE BUY OATS. Call us today for pricing. Box 424, Emerson, MB R0A 0L0 204-373-2328

FLAT ROCK OF Rouleau, SK. is hiring. Must be dependable, have a clean driver's abstract and clean criminal record. Farm experience an asset but not necessary. Salary or wage negotiable. Accommodations provided if needed. Ph 306-776-2510 or e-mail: candice_zinn@hotmail.com

MUSTARD 6462

MUSTARD SEED! We can supply you with new cert. treated or untreated seed. We can upgrade your low grade mustard. Ackerman Ag Services, 306-638-2282, Chamberlain, SK.

WANTED: FEED GRAIN, barley, wheat, peas, green or damaged canola. Phone Gary 306-823-4493, Neilburg, SK.

HAY AND STRAW Delivered Anywhere: Now loading and hauling 48 large round bales. Also hauling 90 large square (3 wide in SK. and AB.) Phone or text Hay Vern 204-729-7297, Brandon, MB.

MR. TIRE CORP. For all your semi and half ton tire needs call Mylo 306-921-6555 Serving all of Saskatchewan.

Download the app at agreader.ca/mbc

EMPLOYMENT WANTED 8050

WANTED: FEED BARLEY Buffalo Plains Cattle Company is looking to purchase barley. For pricing and delivery dates, call Kristen 306-624-2381, Bethune, SK.

WATER PUMPS 7150

PTO AUGER WATER PUMPS, Cardale Tech, 4000/8000 gal. per minute, mud, ice, slurry, plant matter. No prime, no filters, no seize. New condition. Call 204-868-5334, Newdale, MB. www.cardalotech.com

TIRES 7050

FOUR 775/65R29 BRIDGESTONE radials. M&M Equip. Ltd. Parts & Service, Regina, SK. 306-543-8377.

EXPERIENCED COMBINE/EQUIPMENT operators for harvest. Call Mike 306-469-7741, Big River, SK.

EXPERIENCED RANCH HAND available for fall/winter while you go on vacation. NS, ND, single. References available. Email: robertleimoine5555@gmail.com

Prairie-Wide Display Classifieds

MORE OPTIONS TO SAVE YOU MONEY

Buy one province, buy two provinces or buy all three. **Great rates whatever you choose**

Contact
Email: classdisplay@fbcpublishing.com

Alberta Farmer EXPRESS Manitoba Co-OPERATOR

MORE NEWS

LOCAL, NATIONAL AND INTERNATIONAL NEWS



A Prairie tractor makes a long trip to France

A request from a French agriculture museum reveals an interesting tale of a tractor

BY ALEX CAMPBELL

Manitoba Agricultural Museum

The Conservatory of Agriculture, the premier agricultural museum of France, recently contacted the Manitoba Agricultural Museum.

It was seeking a digital copy of a Sawyer Massey tractor advertisement we were using on our web page on the Sawyer Massey 25-45 tractor in our collection.

The Conservatory of Agriculture, better known as Le Compa, has a Sawyer Massey 20-40 tractor in its collection and also wanted the ad for interpretation of this tractor. The Manitoba Agricultural Museum was pleased to provide a digital copy of the ad to Le Compa.

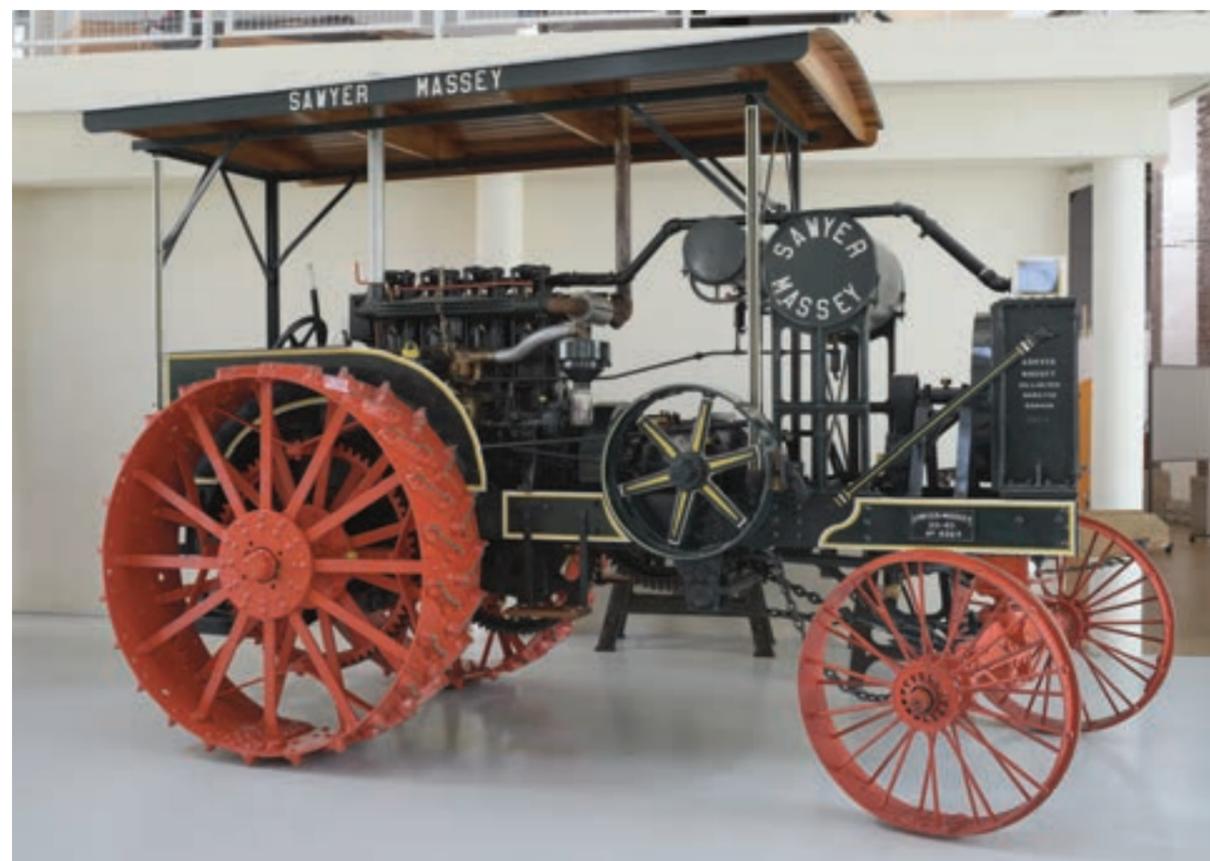
We were curious about the history of the Le Compa tractor, as Sawyer Massey tractors are not exactly common and for one to make its way to France is very interesting — particularly as the Sawyer Massey 20-40 is classed as the early tractor design style known as the “Prairie Style,” which borrowed heavily from steam engine design. The Prairie-style tractors were large, heavy machines as a result.

While many tractors were shipped to Europe during the First World War as a result of the need to increase agricultural production and replace agricultural workers called into the military, these tractors were smaller units such as the IHC 10-20 Mogul or Waterloo Boy tractors. Even the smaller Prairie-type tractors like the Sawyer Massey 20-40 were not suitable for European conditions.

The Le Compa Sawyer Massey 20-40 was purchased in 1985 at auction in the U.S. by a French tractor collector from the Meuse region of France. This collector also purchased a 1912 Case tractor and a 1922 Rumely tractor at the same auction. All three tractors were shipped across the Atlantic by boat. In 1995 Le Compa purchased the three tractors with the help of the French Ministry of Culture. The Sawyer Massey was completely restored by Le Compa's restoration team, who put in 3,000 hours of work on the tractor.

Engine upgrades

The 20-40 Sawyer Massey was built from 1916 to 1921. It was part of a tractor lineup from Sawyer Massey that included the



La Compa, France's best-known agricultural museum, is displaying a Massey Sawyer that was better suited for Prairie fields.

PHOTO: MANITOBA AGRICULTURAL MUSEUM

Sawyer Massey tractors are not exactly common and for one to make its way to France is very interesting.

25-45, which was built in various versions from 1911 to 1922, as well as two smaller tractors the 11-22 and 17-34. With the exception of the 20-40 the other Sawyer Massey tractor models were subject to engine upgrades and so the engine ratings changed. To confuse matters significantly, the 25-45, when first brought out, was listed as a 20-40 but when tested the tractor was discovered to be more powerful and the rating was upped to 22-45 then re-upped to 25-45.

Just why Sawyer Massey felt it necessary to introduce the 20-40 when there was a 25-45 in the lineup is not known. The 25-45 was a very heavy tractor and probably Sawyer Massey felt there was a market for a tractor with similar engine horsepower but lighter and somewhat smaller. One easy way to

determine if you are looking at a 20-40 or a 25-45 is to look at the rear wheels. The 25-45 uses noticeably heavier rear wheels, identical to the rear wheels used on the large Sawyer Massey steam engines such as the 35-115.

Sawyer Massey was a major Canadian manufacturer of steam engines, threshing machines, clover hullers, saw mills, road machinery and other implements. In 1910, Sawyer Massey began work on a gas tractor design and an engine to power this tractor. The Sawyer Massey-designed engine powered both the 20-40 and the 24-45. The smaller Sawyer Massey engines used engines from outside suppliers.

Tough competition

By the mid-1920s, Sawyer Massey, along with other

small manufacturers of farm equipment, began to find it increasingly difficult to compete with larger concerns such as International Harvester Corporation (IHC) which were better financed, had integrated manufacturing facilities, offered complete machinery lines, larger sales organizations and could afford the increasingly expensive research and development costs associated with new farm machinery. Sawyer Massey exited the farm machinery business in the mid-1920s and concentrated on road machinery. After the Second World War, the Sawyer Massey Company was wound down, liquidated and entered history.

Le Compa operates a website at <http://www.lecompa.fr/>. One can also find images of La Compa online. La Compa has a very impressive collection of immaculate tractors and farm machinery. As well La Compa operates out of a modern display building that appears to blend a modern glass and steel technology with a traditional French barn — a great blend of farm architecture with modern materials.

Feds appoint Pettigrew to promote CETA

The former cabinet minister and international trade specialist says he's confident the landmark trade deal will happen

BY ALEX BINKLEY
Co-operator contributor

A Chrétien-era former cabinet minister has been tapped to promote the faltering Canada-EU Comprehensive Economic and Trade Agreement (CETA).

Pierre Pettigrew, a former international trade minister, has been appointed a special envoy to promote the ratification of CETA.

In the years since he left government, Pettigrew founded a management company and sits on several corporate boards.

"His deep understanding of Europe, trade and business will be instrumental in getting CETA signed this year and ratified in 2017," International Trade Minister Chrystia Freeland said in a statement announcing the appointment.

While Canada and Europe are to formally sign the trade deal in October, considerable



Former cabinet minister Pierre Pettigrew is Canada's new special envoy to promote CETA ratification.
PHOTO: MARTIN C. BARRY/CREATIVE COMMONS

confusion reigns over how it will be ratified by the 28 EU members and whether opposition to parts of the deal could derail it.

"The mood around trade has not been too good lately."

PIERRE PETTIGREW

Pettigrew told CBC that his job is to ensure Canadian and European businesses appreciate the importance of the deal, support efforts to bring about the ratification of the deal in Europe and to assist in its promotion in Canada.

Pettigrew says he's confident the deal will be completed as projected in 2017. "It will be a lot of hard work in the next few weeks for the whole team."

In addition to reservations about the deal in at least six EU countries, "The mood around trade has not been too good lately," he says. "You've seen it with the Brexit vote, you hear

it in the American presidential election right now. The negativity around trade is very strong, so clearly it will be very important that the European Union has some good news with this trail-blazing agreement."

He also said that with the current mood towards trade in the U.S., it might be a big challenge to complete the Trans-Pacific Partnership (TPP) deal, whereas CETA has widespread support in both Europe and Canada.

As for European ratification, Pettigrew doubts one country could actually block it," he says. "I don't think that this will be an issue as far as the trade agreement is concerned, as long as they understand that the government is looking at that issue as well."

Pettigrew also said that he does not expect Brexit to in any way hamper the completion of CETA and that he fully expects the deal to be done before Britain exits the EU.

Freeland will be in Europe

next month to discuss CETA at a conference of Germany's governing Social Democratic Party and with EU trade ministers.

Meanwhile former agriculture minister Gerry Ritz, who played a large role in the CETA negotiations under the former government, is questioning Pettigrew's business connections.

He notes Pettigrew is the executive adviser on international affairs for Deloitte Canada, an advisory board member for Forbes Manhattan and consultant for two mining companies Fura Emerald and Copper One. He also sits on the board of directors for Black Iron Inc., Sulliden Mining Capital, IC Potash and Brazil Potash.

"This appointment raises serious questions about what steps have been taken to ensure Mr. Pettigrew's new role does not conflict with his role serving on the boards of various corporations while serving in this position," Ritz says.

Canadian Young Speakers for Agriculture Competition



Join the young Canadians who are speaking up for agriculture.

Are you passionate about agriculture? Do you enjoy sharing your views with others?
Join the upcoming Canadian Young Speakers for Agriculture competition.

As part of this unique competition, contestants prepare a five-to seven-minute speech on one of five agriculture-related topics and present it in public. Cash prizes are available for two age groups:
Junior (11 to 15) and Senior (16 to 24).

The 32nd annual Canadian Young Speakers for Agriculture competition takes place on
Saturday, November 5, 2016 at the Royal Agricultural Winter Fair in Toronto, Ontario.

For competition rules, a list of speaking topics and accommodation assistance please visit www.cysa-joca.ca.

The application deadline is Sept. 30, 2016.



Naber Specialty Grains farmer-creditors out of pocket

STAFF

Producers who were owed money following the collapse of Naber Specialty Grains in June of 2015 have collected just 14.2 cents on the dollar.

The 26 eligible producers were invited to make claims against the now-defunct Melfort, Saskatchewan company's \$150,000 security deposit this June and requested a total of \$1,055,927. Those payments have now been issued.

These claims represent the value of regulated grains delivered to the company and for which a primary elevator receipt had been issued to producers within the 90 days prior to May 9, 2015. Naber Specialty Grains operated a licensed primary elevator in Melfort until May 8, 2015.

Naber Specialty Grains was placed into receivership on June 18, 2015 leaving unsatisfied obligations.

In a media release the Canadian Grain Commission noted "as this matter has been referred to the Royal Canadian Mounted Police for investigation, the Canadian Grain Commission will not be commenting further at this time."

The CGC also said to minimize the risk of not getting paid for their deliveries, producers are encouraged to:

- Understand if the company they are dealing with is licensed by the Canadian Grain Commission;
- Ensure they are in receipt of an authorized document (i.e. receipt, cash purchase ticket or cheque) upon delivery to a company licensed by the Canadian Grain Commission;
- Cash cheques or deposit funds right away; and
- Contact the Canadian Grain Commission immediately if they do not receive prompt payment for their delivery or if they experience any issues with payment.

Russia muscled into rivals' markets as it grows into top wheat exporter

Once one of the world's biggest wheat importers in Soviet times, now it's set to become the world's biggest exporter

BY POLINA DEVITT
MOSCOW/Reuters

Russia is muscling in on the markets of its European and North American competitors as it overtakes the European Union to become the world's biggest wheat exporter for the first time.

Russia is expecting a record crop in the 2016-17 marketing season which began on July 1, while EU harvests are poor. That means traders will be negotiating to ship Russian wheat to countries that have seldom or never bought it before.

"It is already clear that competition will be really severe this year," a Moscow-based trader said.

The arrival of Russian wheat in new markets could potentially cause problems for other big exporters, allowing customers to drive a harder bargain with North American, European and Australian suppliers in the future.

In the eight weeks since the start of the season, Russia has already supplied wheat to Mexico, which is usually dominated by the United States, and booked private sales to Algeria and Morocco, traditionally France's market.

It has also shipped wheat to Mali, Malta and Myanmar for the first time in a long period, according to the state Grain Quality Service. That body said last week it had also met standards for Indonesia, the largest buyer of Australian wheat, which imposed new quality certification requirements in February.

The U.S. Department of Agriculture (USDA) expects Russia to export 30 million tonnes in the 2016-17 season, which would allow it to beat EU exports of 27 million tonnes and become the world's largest wheat exporter. EU exports have been hurt by weak crops in France and Germany in 2016.

The trend shows how much agriculture in Russia, as well as in fellow ex-Soviet states Ukraine and Kazakhstan, has been transformed since the Soviet era where Moscow was often one of the world's largest grain importers.

"The small size of the French harvest will alter the flow of imports in favour of the Black Sea. The challenge will be to regain those market shares," a French trader said.

Competition from Russia in Mexico, one of the most reliable markets for U.S. exporters, heaps further pain on U.S. wheat farmers already struggling with a glut of supply and the lowest crop prices in a decade.

While most U.S. wheat arrives in Mexico by rail, about a third of Mexico's imports arrive by sea, and Russian wheat could take a chunk of that.

"The Mexican wheat imports that come by water are going to be up for grabs, and the Russians are going to compete for that," said a U.S. wheat trader.

Russia will also increase supplies to its traditional markets like Egypt this year and will build up sales to Bangladesh and Mozambique, said Igor Pavensky, the head of marketing at rail infrastructure operator Rusagrotans.

According to IKAR consultancy, Russia exported 2.3 million to 2.5 million tonnes of wheat in July

and will supply 3.0 million to 3.2 million tonnes in August.

The precise figures can be difficult to confirm because official customs data lags real supplies due to technical issues and does not match significantly higher data from ports and the state Grain Quality Service.

Longer season

Russia is now harvesting a bumper crop for the third year in a row thanks to good weather and a weaker ruble, which among other factors has increased farmers' ruble margins and allowed producers to increase investment per hectare amid stable state support, Dmitry Rylko, the head of IKAR said.

The Russian wheat-exporting season is expected to be longer this season than in recent years, when the bulk of its supplies would put significant pressure

on the market only in the first months of the season.

"Russian farmers have become richer and are not in a hurry to sell. External demand is also weak because buyers clearly see that there will be a glut in the market," the trader said.

This and other factors, like a smaller share of high-quality wheat than in 2015, means Russia cannot rush its exports, and will therefore still be selling long after the summer harvest ends.

More competition will soon come from next-door Kazakhstan, which is expected to reap a large crop, competing for Russia's traditional export markets to other ex-Soviet states. Kazakhstan's grain harvesting will get underway in the coming weeks.

"This year, Kazakhstan is heading to a high crop of high quality. It will be a significant player in the market," Pavensky said. The



Russian President Vladimir Putin (r) inspects the wheat harvest near the village of Vyselki, western Russia, in this undated handout photograph. PHOTO: GOVERNMENT OF RUSSIA

USDA sees Kazakhstan's 2016-17 wheat exports at 8.0 million tonnes compared with 7.6 million tonnes in the previous year.

Russia, Kazakhstan and

Ukraine will be able to export additional volumes to the EU's traditional markets and substitute for a lack of supplies from France, UkrAgroConsult consultancy said.



AGRICULTURAL EXCELLENCE CONFERENCE

PLAN & PROSPER: SET THE COURSE FOR FARM SUCCESS

November 22-24, 2016 *Calgary, Alberta*

The Agricultural Excellence Conference is a one-of-a-kind event in Canada, focusing on bringing diverse industry experts and stakeholders together from across disciplines, regions and commodity sectors to share and explore beneficial farm management practices, advice, and insight with leading farm business thinkers.

Agenda Highlights

The Great Debate

Industry experts debate a current topic with ample time for questions from the delegates.

Panel Discussion: What are the greatest risks facing Canada's Agricultural Industry?

Panel discussion between producer, industry and government leaders.

Concurrent Sessions

Choose 3 of 6 to attend!

Towards the Next Ag Policy Framework

Be part of a national conversation dedicated to the next agricultural policy framework for Canada.

Voice your opinion, share your insights, help shape the future of farm management.

Farm Management Initiatives Showcase

Take part in this 'show and tell' event exploring the latest and greatest in farm management programs, resources, projects and tools across Canada.

Bridging the Gap Forum:

Young Farmer Bear Pit & Young At Heart Forum

Young farmers and those who are 'young at heart' gather in separate Conference rooms to discuss challenges and opportunities in sustaining a successful agricultural industry, then come together to discuss as a group.



Register Now!

Buy One Get One Registration at 50% off for a limited time.

For the agenda and registration details visit:

www.fmc-gac.com

KNOWLEDGE, LEADERSHIP, PROSPERITY



Are You a Young Farmer in Manitoba? You could be eligible for 75% off Registration. Visit Manitoba Agriculture, Food and Rural Development website or call us for more details.

For more information:
1-888-232-3262

WWW.FMC-GAC.COM

info@fmc-gac.com

COUNTRY CROSSROADS

CONNECTING RURAL FAMILIES

'The End of Our Memories' shows the challenges of small-town museums

Gimli-based filmmakers Andy Blicq's and Huw Eirung's half-hour documentary interviews volunteer proprietors of small-town museums about their struggles and successes

BY LORRAINE STEVENSON

Co-operator staff

A new film depicting the plight of small-town museums is a cautionary tale of what rural communities will lose if they're closed, say museum advocates.

These aren't merely collections of curios, tools, books and other things donated by local pioneer families, says Monique Brandt, executive director of the Association of Manitoba Museums.

They're tangible connections to local history. But many face an uncertain future.

"They're struggling to stay open," Brandt said.

Some face the very real possibility of closure and collection dispersal one day.

"We're hoping that this maybe opens eyes up to people a bit more."

'This' is the "The End of Our Memories," a documentary released this summer for the Manitoba Telecom Service series "Stories from Home."

It was co-produced by Gimli-based filmmakers Andy Blicq and Huw Eirung and premiered in July at the Gimli Film Festival. The 25-minute documentary takes viewers to locales throughout rural Manitoba where volunteers describe their struggles with dwindling volunteers and next to no cash to make upgrades or develop programs to boost revenues.

Blicq said he was personally touched by their troubling tales which he says are really a bellwether issue about what's going on in rural Canada.

"It's a symptom of much larger issues around change," he said, adding that small museums are falling through the cracks as demographics shift.

"Populations are aging and shrinking. People are very busy. It's difficult to find people to volunteer and it's a lot of work. It's difficult to make these museums run anymore."

Blicq said he hopes this film also shows why more people should care about what's happening to these sites.

"The museum is a repository of the community's memories," he said. "Lose that and that connection to our past is gone. So is a fundamental way of telling a story all Canadians, including those with no connection to Canada's pioneer past, need to hear."

"You've always been able to come to Canada with nothing, and work hard and find a future for your family."



The St. Malo museum closed its doors forever this spring, after the making of the film. The collections will be dispersed back to donors this month. PHOTOS: THE END OF OUR MEMORIES



Monique Brandt, of the Association of Manitoba Museums, says there are small-town museums struggling to stay open.



Edmée Gosselin wanted the St. Malo Museum to stay open, but admits she's tired.

"It's a symptom of much larger issues around change."

ANDY BLICQ,
co-producer of the film

He hopes the film can start a more urgent conversation about the issue.

In the film several volunteer museum operators are interviewed about what they do and why they persevere to keep one going, including St. Malo's Edmée Gosselin, the museum's proprietor and last board member. She talks about the significance of the historical artifacts to the community, but also the very real prospect having to close up the site permanently.

"I'm tired," she says in the film.

The documentary also tells the story of the intense grief residents felt when an arsonist destroyed the St. George museum in 2014.

National museum management expert Pat Bovey is also interviewed, and says the woes of small-town museums are by no means a Manitoba phenomena, but a problem right across the country.

But she sees not "the end of an era" but "time for a quantum change," in how museums are operated.

That view is echoed by Peter Cantelon, executive director of the Canadian Fossil Discovery Centre in Morden. He speaks in the film about Morden deciding to focus on its very specific collection, as well as concentrate on giving museum visitors more hands-on experiences.

"It's difficult to simply be a large space that people walk through and leave," he says in

the film. "You can't be in what some people see as a maintain mode or a good enough mode because there isn't any such thing."

Small-town museums in search of their future must know their target audience, develop a business plan and market a focused experience to funders and the public, he stresses.

Brandt says that's what more would like to do, but often it's simply a lack of people to do these things.

The story of small-town museums isn't entirely bleak either, however.

The film also describes sites doing well, including the 13-acre Arborg Multicultural Heritage Village site on the

edge of the north Interlake town. There they've found new and innovative ways to engage and keep volunteers, including offering a complimentary fall supper on site to those buying an annual museum membership.

It's a way to keep loyal volunteers happy, explains the museum's manager Pat Eyolfson in the film.

Brandt says all their association can do to help those struggling is to share ideas and advice and point museum committees to potential resources. The status of this province's approximately 200 small-town museums does vary from place to place, she added.

"There's some doing really well and some that are dying or dead," she said.

The Association of Manitoba Museums hopes to help distribute "The End of Our Memories" as a DVD so it can be made widely available to the public.

The association hosts its annual general meeting in Boissevain September 22 to 24.

lorraine@fbcpublishing.com

Prairie fare



Fresh food, practical menus and a healthy way to eat

Two Alberta professors of nutrition designed a healthy diet based on our locally produced foods

BY LORRAINE STEVENSON
Co-operator staff



One of the best steaks I ever ate was at a meal served on a Manitoba Forage Council pasture tour. We'd bounced around on a bus all day, looking at rotational grazing systems and winter feeding methods. Then it was time for supper. We were served these unbelievably tender and flavourful steaks, and baked potatoes and boiled corn on the cob. The crickets sang in the grass and the sun dipped into a hazy sky. I think there was pie.

It was a perfect Prairie evening and a pure Prairie meal. That sort of dinner, I'd learn later on, fits nicely into the Pure Prairie Eating Plan too.

That's a dietary eating pattern launched a couple of years ago by two nutrition professors at University of Alberta.

Rhonda Bell and Catherine Chan initially called it a 'Mediterranean Diet for Alberta' or the 'Alberta Diet' because they'd created it as part of the Physical Activity and Nutrition for Diabetes in Alberta (PANDA) project to help improve the diet and health of those with Type 2 diabetes.

But as they put their 28-day structured menu plan through clinical trials, proving that consuming foods like whole grains, heart-healthy canola oil and cold-hardy berries on a regular basis could help lower blood glucose and cholesterol levels, not to mention shed weight and shrink waist size, it became evident this was a healthy way for everyone to eat. Then they gave this expert-approved diet a distinctive Prairie twist, putting an emphasis on its many western Canadian-produced ingredients — from pulses and potatoes to dairy foods, eggs, and meat, and, of course, canola oil.

What Bell and Chan ultimately combined was sound nutritional science with all the foods we raise and grow on the Prairies, creating a truly pan-Prairie pattern of eating. Their aim was that eating this way become a 'way of life' just as the traditional Mediterranean diet, with its emphasis on olive oil and wine is among southern Europeans.

The Pure Prairie Eating Plan presents these familiar foods in meal plans, with recipes and menus for food choices for three meals plus three snacks per day in portion sizes meeting the recommendations of Canada's Food Guide. It offers cooking tips, and weekly shopping guides too.

It was a perfect Prairie evening and a pure Prairie meal.

Notably, it was launched at a time when many were conscientiously trying to shift their eating to more local foods too, but the Pure Prairie Eating Plan doesn't focus on local-only. Rather, this is a 'mostly local' way of eating, emphasizing foods readily available, familiar and acceptable to those who live on the Prairies. It's a way of eating that's easy to sustain and embrace.

There's a website — www.pureprairie.ca — where you can learn more about the Pure Prairie Eating Plan and/or purchase the plan (\$29.50) if you wish.

Meanwhile, I hope you will continue to eat many more delicious — and memorable meals of pure Prairie foods.

Here are two recipes selected from the www.gobarley.com and its featured cookbook *Go Barley: Modern Recipes for An Ancient Grain*. The Alberta Barley Commission was one of many sponsors supporting the development of the Pure Prairie Eating Plan.

Beer Braised Beef On A Bed Of Barley

4 tbsp. canola oil, divided
2 large onions, thinly sliced
2 lbs. boneless beef blade steak, sliced 1/4 inch thick
1 tsp. salt
1/2 tsp. pepper
1/3 c. whole barley flour
1 bay leaf
1/4 tsp. dried thyme
1 (341-ml) bottle or can of beer
3/4 c. pot or pearl barley
1 (284-ml) can lower-salt beef broth
1 c. water
2 tbsp. chopped parsley

In a large skillet, heat 1 tbsp. oil. Add onion slices and brown lightly. Remove to a separate dish. Add 2 tbsp. oil and half of the meat; sprinkle with half of the salt and pepper and brown. Sprinkle with about half of the flour; stir and remove to a heavy Dutch oven or large saucepan. Repeat with the remaining meat, salt and pepper. Spoon into the Dutch oven and top with browned onions. Add bay leaf, thyme and beer. Bring to a boil and cover. Reduce heat and simmer 1-1/2 hours or until the meat is tender. Meanwhile, in a medium saucepan, heat remaining oil. Stir in barley. Add beef broth and water and bring to a boil. Cover and reduce heat. Simmer 40 to 45 minutes or until barley is tender. Spoon barley onto a serving plate and top with beef and onion mixture. Sprinkle with chopped parsley.

Makes 6 servings.



PHOTO: GOBARLEY.COM

Prairie Streusel-Topped Cake

3/4 c. whole barley flour
3/4 c. all-purpose flour
4-1/2 tsp. baking powder
1/4 tsp. salt
1/3 c. butter or margarine
3/4 c. granulated sugar
2 eggs
3/4 c. milk
4 c. saskatoon berries
1 c. sliced rhubarb

In a small bowl, combine the barley flour, all-purpose flour, baking powder and salt. In a large bowl, cream butter and granulated sugar. Beat in eggs and milk. Gradually stir in dry ingredients. When mixed, pour into a greased 13x9-inch baking dish. Sprinkle saskatoon berries and rhubarb over top of batter. Cover with topping.

Topping:

3/4 c. whole barley flour
3/4 c. all-purpose flour
1/2 c. granulated sugar
1-1/2 tsp. cinnamon
1/3 c. butter or margarine

In a small bowl, combine the barley flour, all-purpose flour, granulated sugar, butter or margarine and cinnamon using a pastry blender or fingertips. Sprinkle evenly over top of the base. Bake at 350 F for 40 to 45 minutes.

Note: For dessert, serve warm with ice cream. For a snack, serve with coffee or tea.

Makes 10 servings.

For more recipes log on to www.gobarley.com.

COUNTRY CROSSROADS

Camouflage can be a lifesaver for many birds

Often achieved by feather colour, it can also be helped by posture and behaviour

BY DONNA GAMACHE

Freelance contributor

Now I see it; now I don't. One minute I think there is a bird in my vision; the next it's gone, even though I didn't see any movement. The ability to use camouflage to hide in plain sight is an interesting feature of many birds and animals, and a valuable one in helping to escape predators. But to birders such as myself, trying to locate or watch a particular bird, this can sometimes prove frustrating.

The camouflage effect is usually due to the colour of the birds' plumage, but may also be helped by their posture and behaviour. Birds which nest or forage on the ground particularly need this. Often, both male and female have dull-coloured feathers, while most juveniles have light-brownish plumage.

Colour, as a feature of camouflage, is particularly noticeable during the breeding season. The females of many species are a nondescript colour, while males will flaunt their brightest feathers then, in order to attract a mate and draw attention away from nesting females. Contrast the summer plumage of the male American goldfinch or the Baltimore oriole with that of the much duller, olive-greenish females. Or compare the male mallard duck — with its bright, iridescent green head, yellow bill, rusty-brown chest feathers and contrasting



The American bittern is camouflaged by both colour and posture. GAMACHE PHOTOS



Egg colour of ground-nesting birds is mottled to blend in with surroundings.

lighter breast — with the mottled-brown female. The difference in wood duck partners is even more distinct, for the male has contrasting colours including a bright-orange bill, green head and red eyes. Shades of brown, grey, and buff will help a bird blend into its background, while stripes and mottling help even more. But it is not just the colour which helps create the camouflage effect. The mottled plumage makes the female's shape less noticeable to predators.

Similar to the seasonal colour change of rabbits and weasels, the ptarmigan also adapts in this way. Found in the northern part of Manitoba, it is mottled brown in summer but molts before winter. The new feathers are almost fully white, so it can hide against snow.

The snowy owl is another northern bird camouflaged by colour. Both are white, but the male is usually more overall white. The female (and juvenile birds) are more mottled, with various amounts of black and grey speckling to help blend in with tundra vegetation in summer. (Because they nest in the Arctic, they are ground nesters.)

A ground nester that is well camouflaged in summer is the ruffed grouse, or partridge. The barred, mottled brown and white feathers blend with grasses and branches. This bird's behaviour also helps, for it will remain motionless until danger is past.

A bird's posture can also have a camouflaging effect. One Manitoba bird particularly adept at this is the American bittern. The brown and white

streaked colour of the bird, as well as its shape help it to hide in marshy grasses, but the posture really adds to the effect. When trying to hide, this bird extends its neck skyward and blends into the background. On windy days, the bittern will sway back and forth like the bulrushes, increasing the camouflage effect. Even the young birds in the nest, if startled or frightened, will sit motionless with necks and bills craning upwards to mimic surrounding vegetation.

One feature that helps protect nesting birds is the eggs themselves. Ground-nesting birds, especially, often have spotted or blotched eggs that are well camouflaged. Small bits of bark, twigs or leaves scattered about the nest by the birds also help. If threatened by a predator or per-

son walking nearby, the female often slips away and the mottled eggs will remain hidden unless the predator smells them or steps on the nest. A female killdeer will actually perform some injured-wing acting to lead a threat away from the nest.

Camouflage is also useful for nocturnal birds like nighthawks and most owls, which are active at night but rest during the day. To hide during the day from predators or from bothersome birds like crows, nocturnal birds will roost against trees with bark resembling their mottled feathers.

Whatever their reason for hiding, camouflage is a useful, life-saving feature for many bird species.

Donna Gamache writes from MacGregor, Manitoba

Leaves come in various shapes

Knowing some of the basic words used to describe them will be useful in choosing plants

BY ALBERT PARSONS

Freelance contributor

There are entire books — big thick ones! — dedicated to describing the various shapes that leaves have. Much of the nomenclature is Latin based and I have struggled over the years learning the proper terms, never having taken Latin in school other than my studies in Guelph University's diploma in horticulture courses. Therefore, I generally refer to leaf shapes in terms other than Latin, and even then it can be confusing but knowing the meanings of some of the basic words can be helpful when choosing plants from catalogues or from reading plant tags.

Some shapes are described by a very well-known plant that has that leaf shape. The oak tree is an example; another is the maple tree. When we see a description of a leaf as oak leaf shaped or maple leaf shaped, we instantly know what that means. When I bought an oak leaf mountain ash tree last year, I knew that the shape of the leaves would resemble those of the oak tree. Oak-leaved grape ivy and some of the scented pelargoniums are examples of plants that have oak-shaped leaves. Hibiscus plants are often described as having maple leaf-shaped leaves.

Leaf shape can also be described by common shapes such as oval and heart



Clockwise from lower left: oval (spinach), narrow linear (day lily), opposite toothed (sumac), whorl (martagon lily), toothed palmate (perennial potentilla), finely serrated (fern peony and fern-leaved tansy), clover-leafed (oxalis), and in the centre, heart-leafed (morning glory). PHOTO: ALBERT PARSONS

shaped. If a plant, such as arrowhead vine, is described as having arrow-shaped leaves, we immediately know what the shape will be. Sometimes the shape is included in the name of the plant, such as the houseplant heart-leafed philodendron. Leaves can be described as narrow, lobed, and linear. We expect a plant that is described as having lobed leaves to have several sections, shaped somewhat like an earlobe, that are separated by an indentation in the leaf. Terms like narrow and linear lead us to believe the foliage will be grassy, like grassy iris or day lilies.

Some shapes are described by a very well-known plant that has that leaf shape. The oak tree is an example; another is the maple tree.

The description can also involve the way compound leaves are put together — a compound leaf being a leaf structure that includes several leaflets attached to the same stem. Leaves that have but one structure and no additional leaflets are called "simple." The placement of the leaflets on a stem is usually described in words that are easy to understand. For example, if the leaf structure is said to be opposite, it means the leaflets will appear in pairs opposite each other along the length of the stem. If they are described as alternate, then the leaflets will be placed so that they are not opposite each other, but offset along the stem.

Sometimes the shape of a compound leaf will also be described using terms that refer

to well-known plants. Leaves that are pinnate have several sections that fan out like a branch of a pine tree, while a leaf described as palmate will have leaflets attached to create a full circle around the centre of the leaf structure. If the term toothed is used, then the leaf will have a saw-edged look to its margins, while whorled leaves will refer to leaves that encircle the stem of the plant in a whorl of leaflets — such as martagon lily leaves do.

There are other words that are useful to know. Serrated refers to leaf edges that are toothed — like a serrated knife blade, except that the serrations, or indentations, go deeply into the body of the leaf, creating a very fine, lacy effect. Pointed refers to the tip of the leaf coming to a point at its end. Such leaves might be oval, linear, wide or narrow, but each one will terminate in a point at its tip, unlike oval or round leaves.

Knowing leaf shape terminology is helpful so that when plants are chosen, their foliage gives the desired effect. The texture created will differ greatly depending on whether the plant has finely serrated foliage or large-lobed leaves. Including various leaf shapes in a plant composition will create texture and interest. Knowing basic terminology makes it possible to visualize the shape of plant leaves when plants are being ordered.

Albert Parsons writes from Minnedosa, Manitoba

Healthy rivers, healthy communities

RRBC RELEASE

How much do you interact with the Red River and its tributaries? More than you would think. Although you might not directly interact with the river you are indirectly interacting every single day.

Historically, communities were built around rivers for food, shelter, transportation and basic survival. Our reliance and interaction with the river has changed significantly over the years but one thing remains constant, we still need it for survival. The Red River and its tributaries provide the main source of water for a variety of consumers, from citizens, businesses and agriculture producers. It is also home to many animals, aquatic species, and plant species.

There are many ways you can impact the river ecosystem in a positive way. The Nature Conservancy has outlined a few simple ways you can take action:

- Plant a tree in your yard or a friend's yard. Trees help keep soil in place — rather than flowing into our streams and lakes — and help slow water down, reducing flooding and enabling more rainwater to trickle down into groundwater supplies.
- Take these steps to reduce your impact when it comes to your own yard and lawn:

- a) Water your lawn or garden in the morning or the evening when the water will evaporate less rapidly. Adjust sprinklers to avoid the pointless watering of sidewalks or paved areas.



PHOTO: THINKSTOCK

- b) Sweep patios and sidewalks rather than hosing them, which wastes water and carries contaminants into freshwater systems.
- c) Limit pesticide use. Pesticides are the only substances we intentionally introduce into our environment to kill living things, and besides being potentially dangerous to people, pets and wildlife, they'll eventually be carried into our freshwater supply by run-off.
- Volunteer for a stream cleanup or wetland restoration event.
- Take someone on a hike near a river or lake — or better yet, get in or on the water — swimming, kayaking, canoeing, etc. People protect things they care about.

Things you can do online:

- Use social media to spread the word about the need to save water and save our water sources. Challenge your friends to match the actions you take.

- Find out where your water comes from and urge others to do the same. Knowledge is power.
- Use social media to ask your favourite brands what they're doing to reduce their water use and their impacts on water sources.
- Donate to support a community project that helps protect water for people and nature.

There are many ways to leave your mark in cleaning up our rivers and streams. For more information on river cleanup activities, river ecosystem education and actions you can take in a group or on your own, visit the Nature Conservancy website at www.nature.org.

The Red River Basin Commission (RRBC) is a grassroots organization that is a chartered not-for-profit corporation under the provisions of Manitoba, North Dakota, Minnesota, and South Dakota law. Contact the Winnipeg office at 204-982-7254, or you can check out the website at www.redriverbasincommission.org.

READER'S PHOTOS



Sheep enjoying a sunny afternoon. PHOTOS: LILLIAN DEEDMAN



Getting right in the water for a drink and a cool-down from the summer heat.

Welcome to Country Crossroads

If you have any stories, ideas, photos or a comment on what you'd like to see on these pages, send it to Country Crossroads, 1666 Dublin Ave., Winnipeg, Man. R3H 0H1, phone 1-800-782-0794, fax 204-944-5562, email susan@fbcpublishing.com. I'd love to hear from you.

Please remember we can no longer return material, articles, poems or pictures.

— Sue



This Old Elevator

In the 1950s, there were over 700 grain elevators in Manitoba. Today, there are fewer than 200. You can help to preserve the legacy of these disappearing "Prairie sentinels."

The Manitoba Historical Society (MHS) is gathering information about all elevators that ever stood in Manitoba, regardless of their present status. Collaborating with the *Manitoba Co-operator* it is supplying these images of a grain elevator each week in hopes readers will be able to tell the society more about it, or any other elevator they know of.

MHS Gordon Goldsborough webmaster and Journal editor has developed a website to post your replies to a series of questions about elevators. The MHS is interested in *all* grain elevators that have served the farm community.

Your contributions will help gather historical information such as present status of elevators, names of companies, owners and agents, rail lines, year elevators were built — and dates when they were torn down (if applicable).

There is room on the website to post personal recollections and stories related to grain elevators. The MHS presently also has only a partial list of all elevators that have been demolished. You can help by updating that list if you know of one not included on that list.

Your contributions are greatly appreciated and will help the MHS develop a comprehensive, searchable database to preserve the farm community's collective knowledge of what was once a vast network of grain elevators across Manitoba.

Please contribute to This Old Grain Elevator website at: <http://www.mhs.mb.ca/elevators>. You will receive a response, by email or phone call, confirming that your submission was received.



A grain elevator at Binscarth, on the CPR Bredenbury Subdivision in what is now the Municipality of Russell-Binscarth, was built in 1928 by United Grain Growers. The annex was added in 1957. Both were destroyed by fire on November 8, 1978, along with an estimated 30,000 bushels of wheat, oats, barley, and canola. A nearby fertilizer storage shed was saved by local firefighters and two boxcars next to the elevator were pushed out of danger by a tractor. At the height of the blaze, a freight train roared past the burning structure. There were no injuries but damages were assessed at over a half-million dollars. The elevator was not rebuilt. PHOTOS: AGRICORE UNITED ENGINEERING DEPARTMENT, TOM PRICE (MGR), PROVIDED BY GLENN DICKSON (1966); FIRE PHOTO BY HENRY GRAHAM (1978).

VICTORY[®]
HYBRID CANOLA

ADVANCED TECHNOLOGY

NEW VICTORY[®] V14-1 CANOLA

A GIANT LEAP FORWARD IN HYBRID PERFORMANCE

When it comes to hybrid canola, there's only one choice for ultimate production and premier profit protection. New VICTORY[®] V14-1 Canola outperforms competitors in yields and outsmarts blackleg and clubroot, too – providing revolutionary dual disease resistance that safeguards your profits.

Put the advanced technology of V14-1 to work for you! Learn more at victorycanola.com.



Enter to win a Phantom 4 Quadcopter at
VictoryDroneSweeps.com



*The Cargill logo, *VICTORY and *VICTORY Hybrid Canola logo are registered trademarks of Cargill Incorporated, used under license. Genuity,® Genuity and Design,® Genuity Icons, Roundup Ready,® and Roundup® are trademarks of Monsanto Technology LLC, used under license. Always follow grain marketing and all other stewardship practices and pesticide label directions. Details of these requirements can be found in the Trait Stewardship Responsibilities Notice to Farmers printed in this publication. ©2016 Cargill, Incorporated. All rights reserved.

Cargill[®]

www.victorycanola.com
www.cargillag.ca