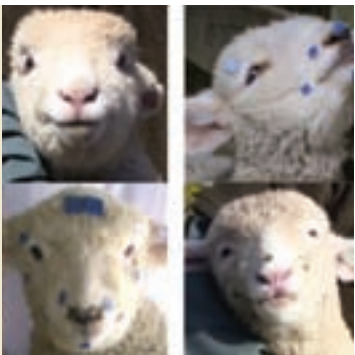


DIGITAL
DETECTION

A high-tech read on animals » PG 14



DIGGING
DEEPER

4-H'ers examine
soil health » PG 18



Manitoba Co-OPERATOR

AUGUST 10, 2017 SERVING MANITOBA FARMERS SINCE 1925 | VOL. 75, NO. 32 | \$1.75 MANITOBACOOOPERATOR.CA

Brandon
University
launches new
drone training

New course gives students
opportunity to become
certified drone pilots

BY LORRAINE STEVENSON
Co-operator staff

Brandon University will be one of the first post-secondary institutions in Canada to offer an unmanned aerial vehicle (UAV) pilot ground school when it introduces a course credit for taking the program this fall. Pilot training schools now offer similar training but not university course credits.

See DRONES on page 7 »

Hemp industry looks to
overcome growing pains

Hemp yields have jumped as agronomy and varieties improve, but now processors on are the hunt for new markets to deal with oversupply risk

BY ALEXIS STOCKFORD
Co-operator staff

Hemp is no longer a complete novelty — but it isn't exactly mainstream either. It occupies the somewhat risky middle ground of being better established, but still niche. There's plenty of interest in growing it, but that capacity could swamp markets that are still developing. Market research by Manitoba Harvest, one of the province's major hemp processors, showed less than three per cent of Canadians and less than one per cent of Americans have tried hemp-based foods. "Even though it's been legalized here in Canada for almost 20 years, it is still an emerging market," Kelly Saunderson, public affairs manager with Manitoba Harvest said. "We're still very much building consumer demand for it." Hemp acres have risen dramatically, but not steadily, in Manitoba since the crop was legalized in 1998. From 2001 to 2006, industrial hemp

See HEMP on page 6 »



Jeff Kostuik, central region director of operations for Hemp Genetics International, speaks on hemp agronomy and variety improvements during a field day in Melita July 25. PHOTO: ALEXIS STOCKFORD

Publication Mail Agreement 40069240

COUNT ON US



Crop
Production
Services



Esso® is a registered trademark of Imperial Oil Limited. Imperial Oil Licensee.
CPS CROP PRODUCTION SERVICES and Design is a registered trademark of Crop Production Services, Inc. | 05/17-56061

INSIDE

LIVESTOCK



Disease response

PEDv is just one reason Pork Council is hiring a health specialist

12

CROPS



To till or not?

That's the question for soybean growers hoping for sustainable options

17

FEATURE



Apple press restarts

A farm-based company is ready to press apples into juice

22

CROSSROADS



Pioneer Deere

The green machines were early favourites of Manitoba settlers

20

Editorials	4	Grain Markets	11
Comments	5	Weather Vane	16
What's Up	9	Classifieds	26
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?

Vegetarian junk food panned

Researchers say there are plenty of plant-based unhealthy dietary choices out there

STAFF

Medical researchers have long said plant-based diets are healthier — but it turns out what type of plant-based foods matter a lot.

Fruits, vegetables, whole grains, legumes and other 'basic' plant foods can in fact lower the risk of heart disease, result in less obesity and other positive impacts. But a recent study published in the *Journal of the American College of Cardiology* looked at data from 200,000 people and discovered another alarming trend.

Many were choosing highly processed plant-based foods like processed snacks, sugary cereal and fake bacon in the mistaken belief they were healthy. In fact they're the opposite, and a high intake of these foods were found to cause a higher risk of heart disease. This negative impact was consistent when the researchers controlled for age, sex, BMI, and family history.

Boiled down the researchers found plant-based diets that did not include processed food were the healthiest. The next best choice was



Veggie chips aren't magically healthy just because they're made from vegetables. PHOTO: THINKSTOCK

diets that included plenty of whole fruits and vegetables but little processed food. The worst diets were the ones — vegan, vegetarian or including meat — that were high in processed foods.

"These studies of vegetarian and vegan diets haven't distinguished between different qualities of plant food," says lead author Ambika

Satija, a post-doctoral fellow at Harvard T. H. Chan School of Public Health. "Certain plant foods, like whole grains and fruits and vegetables, are associated with lower risk of Type 2 diabetes and cardiovascular disease. But other plant foods, such as sugar-sweetened beverages, are actually associated with increased risk."

READER'S PHOTO



PHOTO: SUZANNE PADDOCK

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 Glacier FarmMedia LP

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



EDITOR Gord Gilmour
gord.gilmour@fbcpublishing.com
204-294-9195

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

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

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

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

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

Alexis Stockford
astockford@farmmedia.com
204-230-9345

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

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

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

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

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 #R5161 6185 RT0001)
Canada
12 months \$67.00 (incl. GST)
24 months \$111.00 (incl. GST)
36 months \$139.00 (incl. GST)

USA
12 months \$150.00 (US funds)

Publications Mail Agreement #40069240 ISSN 0025-2239
Canadian Postmaster: Return undeliverable Canadian addresses (covers only) to: Circulation Dept., 1666 Dublin Ave., Winnipeg, MB. R3H 0H1

We acknowledge the financial support of the Government of Canada.



Aphid-borne virus found in Manitoba oat fields

The virus, and its associated chlorosis and premature maturation, has been noted in several oat fields

BY ALEXIS STOCKFORD
Co-operator staff

Oat fields in central Manitoba are fighting off barley yellow dwarf virus.

“We see it from year to year,” Manitoba Agriculture field crop pathologist Holly Derksen said. “I think this is probably the most severe that I’ve seen it in fields, but that being said, it’s historically been present in Manitoba and in varying levels.”

Four to five cases of the virus have been reported in the Carman and Elm Creek areas, as well as some instances along the Red River. The virus also may take root in its namesake barley or other cereals like wheat.

Derksen added it is unclear if there are other, unreported, cases.

Early stages of the virus cause green to fade from leaf edges and tips, often leaving a central green strip, according to the July 26 Manitoba Insect and Disease Update. In oats, the discolouration often appears red, pink or purplish.

Advanced infections cause premature ripening, stunted plants and unfilled or missing grain heads.

“It would be nice to catch it, obviously, before it got to that point where your whole plant is affected,” Derksen said.

Yield impact may vary according to the severity of the infection, she added.

“It does seem like this year there are some bigger patches and when it is a severely infected plant, you will have blasting of the florets and then, of course, you will not have seed production,” she said. “It really depends on the incidence in the field, but if there are big patches that are affected, there could be some significant yield loss.”

Yield loss may be limited if plants are more mature when infected, Manitoba Agriculture says. The provincial government cites yield loss if infection occurs before the four- or five-leaf stage, while



A patch of oats infected by barley yellow dwarf virus appears to prematurely mature.

PHOTOS: MANITOBA AGRICULTURE

plants infected after the boot stage show “few or no symptoms.”

The province also notes that susceptibility will vary according to variety, although no truly resistant cereal varieties are available.

Look down

Farmers should keep their gaze close to the ground while insect scouting to prevent the disease, Manitoba Agriculture entomologist John Gavloski said.

The infection is solely aphid-borne and is often spread by the oat-birdcherry aphid, which may feed on an affected plant before moving to healthy vegetation. The “dull olive-green” insect, as described by July 26 update, frequents lower leaves and stems.

“Generally, we still use a 12- to 15-aphid-per-stem threshold, but if it’s early in the season and it’s mainly the oat-birdcherry aphid, people might want to go a little bit lower than that, although we don’t have a separate threshold for that aphid,” Gavloski said.

Other aphids could hypothetically carry the infection, he added, although not as efficiently. The English grain aphid, the florescent-green insect often found on cereal heads, is not considered a major risk.

There have been more oat-birdcherry aphids than average this year, Gavloski said. Populations vary year to year as neither the oat-birdcherry aphid nor English grain aphid overwinter in Manitoba and are instead blown



Oat plants in central Manitoba display chlorosis discolouration, one of the first signs of barley yellow dwarf virus.

“I think this is probably the most severe that I’ve seen it in fields, but that being said, it’s historically been present in Manitoba and in varying levels.”

HOLLY DERKSEN
Manitoba Agriculture field crop pathologist

in every year from the southern United States.

“We always see some, but this year they were more visible than normal,” Gavloski said.

The virus must be transmitted by aphids and does not spread through soil or seed, according to Manitoba Agriculture, although the virus can overwinter in winter cereals.

astockford@farmmedia.com

Ottawa announced details of CETA assistance

Transition programs will assist farmers adapt to an expected influx of European cheese

BY ALEX BINKLEY
Co-operator contributor

With the European free trade deal CETA set to launch next month, Ottawa is smoothing out a few wrinkles.

The federal government has backed down a bit in a dispute with the European Union over the allocation of new tariff-free cheese imports.

It also said it would start accepting applications Aug. 22 from dairy farmers and processors for funding under transitional programs for improvements made to or planned for their operations to increase productivity.

Under the four-year \$250-million Dairy Farm Investment Program, licensed producers can apply before next March for projects which were started after Nov. 10 last year, when Agriculture Minister Lawrence MacAulay announced the program. The first-come, first-served program will cover up to 50 per cent of approved project costs, up to a maximum of \$250,000.

Dairy processors are eligible for support under a \$100-million program that covers new equip-

ment and infrastructure, or provide access to specialized expertise to introduce new products or processes.

Dairy Farmers of Canada said the program will “mitigate some of the negative impact on Canada’s dairy farmers” coming from the trade deal.

The government had acknowledged that the tariff-free access for an additional 17,700 tonnes of European cheese “would negatively impact Canadian dairy farmers. We are looking forward to seeing the Dairy Farm Investment Program in action to ensure that it functions as intended, and that the program has the ability to be adjusted if required, to truly benefit farmers.”

Pierre Lampron, newly elected president of Dairy Farmers of Canada, said his organization wanted the new cheese imports to go to the processors, “who would have imported cheeses that are not already produced in Canada, providing greater variety of cheeses to Canadian consumers, while supporting the continued growth of the Canadian dairy sector. Importing cheeses not already made in Canada would offer a greater variety of cheeses to Canadian consumers.”

DFC and Dairy Processors Association of Canada (DPAC) said the decision to split the quotas among cheese makers and retailers “missed an opportunity to support the future growth of the Canadian dairy industry.”

In June, the government said it planned to allocate 60 per cent of the new import quota to domestic dairy processors to sell. This caused one of many tempests between Brussels and Ottawa, as the two sides ironed out the details of the trade deal. The government cut that back to 50 per cent with the benefit going to retailers.

The additional cheese being admitted duty free under the Europe trade deal will equal about two per cent of Canadian milk production — representing 17,700 tonnes of cheese that will no longer be produced in Canada. Dairy Farmers of Canada says this is equivalent to the entire yearly production of Nova Scotia, and will cost Canadian dairy farmers up to \$116 million a year in perpetual lost revenues.

The former Harper government had committed to provide the dairy industry with up to \$4.3 billion worth of compensation to offset the impact of the trade

deal. MacAulay said last year the Liberal government would honour that commitment but then backtracked to the \$350-million program. DFC has questioned how many farmers will actually benefit from the funding.

MacAulay said the government wants to align program funding with the relative size of the milk quota in each province.

The dairy farm program will cover upgrades to the barn technology and equipment to improve productivity. The program will support large investments such as the adoption of robotic milkers and feeding system and small investments such as herd management and barn operation equipment.

The dairy-processing fund will provide up to \$10 million for each capital investment project, such as installing new equipment and infrastructure, or up to \$250,000 for each project to access technical, managerial or business expertise that could lead to new varieties of cheese coming to the market.

Jacques Lefebvre, president and CEO of the Dairy Processors Association of Canada, said Ottawa ignored provincial requests to have all the additional cheese quota go to dairy processors.

“When it comes to competition from European imports, our dairy sector is at a disadvantage,” he said. “Unlike the European sector which is heavily subsidized, the Canadian industry is not. Furthermore, the new cheeses coming into the market from Europe will enter Canada tariff free. While we are still early days, this will result in less production by Canadian cheese makers. In turn, this will impact Canadian dairy farmers who will not be producing the milk for these domestic cheeses. It is incumbent on the government to explain its logic to the 80,000 Canadian families that depend on our sector for their livelihood.”

CORRECTION

In the Aug. 3 issue of the *Manitoba Co-operator* a headline was inadvertently changed during the production process to “Dicamba drift surfaces in canola fields.” It should have read “Dicamba drift surfaces in soybean fields.” We regret any confusion this error has caused.

OPINION/EDITORIAL

Parts run



Gord Gilmour
Editor

The road to town from my brother's farm doesn't vary too much from trip to trip. Depending on the season it's rutted mud, packed snow and ice, or a dusty trail, but the scenery remains the same. One part of that scenery, just on the outskirts of town, is a small business that just celebrated its 50th year of operation. The place has a formal name of course, but it's known far and wide simply as "Jimmy's" in honour of the founder, chief operating officer and jack of all trades.

The business sells farm equipment, services all makes and of course has a good supply of belts, bearings and other crucial parts available to keep equipment running — or limping — along.

I don't think it's a stretch to say that there's a lot of crop that made it into the ground in the spring and bin in the fall because this business was there, and has a long history of putting a big emphasis on service.

Now in his seventh decade, Jimmy doesn't show many signs of slowing down. In fact during a recent visit he shared the tale of a phone call with one of his daughters. She'd called to see how her dad was doing and it seemed she also gently 'gave him the gears' about maybe considering retirement, like a normal person.

"I told her if I dropped dead in the middle of the shop, that would be one of the happiest days of my life," he said, with a chuckle. "She said, 'Probably the only thing that would make you happier is if there was a cheque in one hand.'"

Buried in that amusing exchange is a simple truth though. These businesses have long operated on the herculean dedication of the owners and staff. I can't count the number of times I've passed the place on a Sunday afternoon to see a lone truck out front, waiting, just in case there's a need during seeding or harvest.

On the face of it, there's no sound business rationale for keeping the doors open during those times. It's unlikely there will be enough business to even cover the cost of staff. An MBA would take one look at the numbers and put up the "I'm sorry, we're closed" sign until Monday morning.

But Jimmy, and others like him, are cut from a different cloth. They grew up on farms themselves, usually in the area where they do business. They understand what a farmer needs and the importance of timely repairs. They exhibit their loyalty to their customers by staying open, in the hope that when it's time for less urgent business, that loyalty is returned.

His 50 years in the business suggests his strategy has worked. But the times they are a-changing. Lately as I travel through Western Canada, I see less of these small local shops, and more large chains with many outlets.

This isn't necessarily bad, but it will be different. On the positive side they'll benefit, like the farms they serve, from economies of scale. They'll have the chance to offer more specialized services, like precision ag and data management, spread out over a larger customer base, for example.

On the less positive side, they will by definition become just a bit more impersonal. Decisions will be made at a distant head office that influence local operations and it's not a stretch to think those decisions will keep a close eye on the company's bottom line rather than intangibles like customer service.

That's not to say service won't be available. In a sign of the changing times, I recently saw a glowing review on Facebook from a farmer friend of mine, for an outlet of a regional tire chain. He was giving them top marks for coming out one Sunday afternoon, to put a new tire on his tractor so he could keep going. Companies such as that, that pay attention to the needs of their farm customers, will find those customers know who they can count on, large or small.

But the sentimentalist in me hopes some of these smaller operations survive.

After all, they've stuck it out through thick and thin. Just like farmers have.

PEDv problems

As the pork sector has struggled with the recent spread of PEDv throughout the province, it's hard not to wish distant regulators would pay just a bit more attention to folks actually living with the costs of their decisions.

Here we're talking of the insistence of federal regulators that hog transport trailers be washed prior to their return from the U.S., at U.S. wash stations. A pilot project in 2014 allowed the industry to bypass them in favour of Canadian-based stations.

That appeared to contribute to the industry evading the worst effects of the disease. Until it was, under protest from the sector, curtailed by the Canadian Food Inspection Agency in 2016.

Since then the disease has been found in more Manitoba operations this year alone than all other years combined. This is a case of fixing something that wasn't broken.



Dew point

BY ALAN GUEBERT
Farm & Food

The sun's steady rise slowly spreads its gathering light on the morning dew until the lawn dances with sparkles and the day with possibilities.

Summer dew, soaking wet and glistening bright, almost always promised a day of sunshine, heat, and humidity on the southern Illinois dairy farm of my youth. Jackie, the farm's main field hand, explained the dew-heavy sun forecast this way: "God doesn't waste water."

This, my brothers and I learned, meant that a morning with heavy dew usually delivered a day with heavy sun and a dry, and a no-dew morning often delivered a day with a good chance of rain.

Neither forecast mattered much to Jackie. Salaried, he was paid rain or shine, drought or flood. It did, however, matter to us. Our 50-cents-per-hour pay tied to work. Sunshine brought us dollars.

The heavy work on those dewy mornings began early. We usually unloaded two, maybe three, loads of square alfalfa bales in the cavernous hay shed attached to the raised parlour where we milked the farm's 100 Holsteins.

It was a hard beginning to any day and the effort it required brought grunts from Jackie, a small man whose deeply brown arms, neck, and face would glisten with sweat after just a few bales. He always worked the wagon — tossing bales to those who were stacking — and said little.

His silence led to our silence and together we worked like a bale-tossing, bale-stacking machine. Most mornings we worked so quietly we could hear the milking parlour radio.

In between loads, Jackie moseyed to the shady, north side of the tin-clad barn for a brief respite. His preferred method was to squat on

his haunches to slowly roll a cigarette and, even more slowly, smoke it to a pinched, brown-stained nubbin. The break was done when the cigarette was done.

A couple of hours later, the morning's dew was gone, the hay stacked, and the cows milked. If there was more hay to mow, my father usually assigned me the job. Jackie would be directed to mow, chop, and chew through the many acres of "government ground" that the current farm program required us to "set aside."

These government, or non-farmed, acres grew every weed known to mankind and one, giant ragweed — which we called "horseweed" — was a local specialty. By late July they were more like trees than weeds. Worse, all were topped with brooms of yellow pollen.

Rotary mowing these set-aside acres was one of the hottest, dirtiest jobs on the farm. Jackie often returned at noon soaked in sweat and stained, head to toe, in the fine, yellow pollen.

Then, when the alfalfa was fit to bale in the early afternoon, we baled. Although I never saw Jackie stack a load of hay in my life, I saw him unload nearly every load. This seemed to be some long-ago compromise between my father and him.

After my father left us for the evening milking each day at 4, Jackie drove the baler while my brothers and I loaded the day's final two or three wagons before his 6 p.m. quitting time. These were the loads that, like the dew, would await us in the morning.

Back then each day's quiet, hard work delivered clear, solid results. No one shouted. No one called anyone any names. No one bragged. We worked because work was required. It was that simple. And, no, the times weren't better than today.

We, however, were.

The Farm and Food File is published weekly through the U.S. and Canada. www.farmandfoodfile.com.

OUR HISTORY: August 1998

With BSE still to appear in Canada in August 1998, it may not have been realized just how important our Aug. 13 front-page story would be. Former Canadian Cattlemen's Association general manager told his annual meeting in Edmonton about the new project to develop a national cattle identification program.

There was little good news for grain producers — Canadian Wheat Board chief commissioner Lorne Hehn told a crop year-end review meeting that wheat farmers faced a difficult period of low supplies and low prices. However, most of the crop was expected to be top grade, allowing it to be sold into higher-paying markets.

The mood in the U.S. was similarly glum after drought had seared southern U.S. wheat crops, while northern crops were hit with fusarium. Some farm state legislators had proposed taking land out of production to control the disease. And in North Dakota, the Farmers Union had proposed a voluntary wheat pool to try and exert more influence on prices.

Allan Dawson reported on the Manitoba Pulse Growers Association tour, which featured some soybean plots. It was speculated that some of the more than 70 farmers who attended might have tried a few acres, but none would admit it when asked for a show of hands. "If they get a bumper crop they'll raise their hands," one farmer suggested. Manitoba soy area had tripled to 18,000 acres from 6,000 in 1997.

An Agriculture Canada researcher was concerned that rabbits could harm the crop, and said next year's plots would be surrounded by an electric fence to discourage grazing bunnies.

A flyer in the issue invited Manitoba Pool members to attend meetings to explain the merger with Alberta Pool to become Agricore. On the agenda was distribution of MPE's record earnings of \$39.7 million, up 20 per cent from the previous year.



Analysis: AgriStability review welcomed, but can it be fixed without more money?

KAP says in 2013 the program switched from farm income stability to disaster relief

BY ALLAN DAWSON
Co-operator staff

After cuts to AgriStability five years ago, then Keystone Agricultural Producers (KAP) president Doug Chorney predicted “AgriStability will be losing support... from farmers because it really has got to be questionable if you’ll ever see a payment.”

He was right. Participation is down.

In 2013, there were 7,015 Manitoba farmers enrolled in the federal-provincial ‘business risk management’ (BRM) program, Manitoba Agriculture says. In 2015, the most recent year for statistics, enrolment fell to 5,867 — a decline of 1,147 or almost 16 per cent.

During the same period Agri-Invest enrolment in Manitoba dropped just three per cent.

Despite declining enrolment and five years of lobbying, Canada’s agriculture ministers didn’t agree to big AgriStability changes at their annual meeting in St. John’s, Nfld. July 19 to 21.

However, they did agree to a comprehensive review of BRMs, including AgriStability, with possible changes being implemented April 1, 2019. With a proviso — no additional cost.

That’s a tall order. A big part of AgriStability’s weakness stems from a reduction in coverage, boiling down to less government funding.

What about shifting funds from other support programs?

“That’s all part of the conver-

sation I would say, but that’s not really where we are trying to go,” Manitoba Agriculture Minister Ralph Eichler said in an interview July 27. “But if that’s where we need to go then certainly we need to be clear about what that direction would look like.

“We heard from the producers loud and clear that it (AgriStability) must be supportive and predictable and sustainable.”

The new Canadian Agricultural Partnership (CAP) agreed to by ministers is a five-year, \$3-billion deal replacing Growing Forward 2.

AgriStability evolved from a long line of previous farm programs. Even before 2013 farmers criticized AgriStability’s complexity. Farmers also complain AgriStability support is unpredictable.

Disaster relief or income stabilizer?

As of April 1, 2013, KAP says AgriStability became a disaster relief scheme instead of an income stabilization program.

Two major changes occurred. One was AgriStability payments were triggered when a farmer’s reference margin fell below 70 per cent instead of the original 85.

The change came at a time when grain farmers were earning good returns and building margins. That translated into more potential liability for federal and provincial governments when farm revenues declined.

Some industry watchers say

Ottawa was worried without changes, AgriStability payouts could be triggered when farmers were still profitable.

Gerry Ritz, the federal agriculture minister back then, said AgriStability needed to evolve and hinted at a more laissez faire approach.

“We must make sure that the programs in place make sense not only for today, but are foundational for five or 10 years from now,” Ritz told reporters Sept. 14, 2012. “The programs... must not hold us back or mask market signals.

“BRM program reform... should create space for the development of private risk management tools.”

It didn’t happen.

But the other change, which Chorney predicted would be more costly to farmers, was basing payments on either farmers’ reference margins or their allowable expenses, whichever was lower.

Allowable expenses cover only 60 to 70 per cent of farmers’ operating costs and are usually lower than their reference margins. The result, he predicted, would be lower payments, if any were triggered.

Farmers who self-insure through diversification are even less likely to get an AgriStability payment, KAP vice-president Bill Campbell said July 13 at an advisory council meeting. He suggested such farmers get higher coverage and/or lower premiums as a reward.

Starting April 1, 2018, the AgriStability reference margin



Manitoba Agriculture Minister Ralph Eichler says government needs to have the right support programs to meet farmers’ needs. FILE PHOTO

limit (RML) will be capped to ensure a more equitable level of support for all producers, the ministers said in a news release.

“The change... will ensure producers from all sectors will have improved access to support under the program, regardless of their cost structure,” the release said.

KAP says it needs more details to know for sure.

The committee of farmers and experts assembled to review farm support programs will be looking to reform AgriStability, not to scrap it and start over, Eichler said. He has ideas on how to improve it, and raised them with fellow ministers, but declined to share them publicly.

“I don’t want to lead the conversation at this point,” he said, adding he knows what Manitoba farmers want following extensive consultations.

“The bottom line is government needs to be there for the

producers,” Eichler said. “That’s really the key thing... I’m not a big fan of ad hoc programs, but government needs to be there for the producers if something is not working.”

Nor is he a fan of a new provision allowing late AgriStability enrolment with a penalty. KAP president Dan Mazier said if AgriStability worked better for farmers, late enrolment wouldn’t be needed. Eichler agrees.

It was a compromise, Eichler said. And as one industry observer said, for most governments, it’s more desirable than ad hoc assistance.

“Did we get everything we wanted? No we didn’t,” Eichler said. “Did we get a pretty good agreement? I think we did.”

Meanwhile, KAP is hoping the best is yet to come.

It’s hard to see though how the circle will squared. AgriStability doesn’t pay out as much or as often. That is saving governments money, but according to KAP, it’s not serving farmers well. However, even if governments were prepared to spend more, they’d have to tread lightly to avoid making AgriStability a potential trade irritant.

And it’s not just trade. Farm supports must strike a balance between assisting farmers when incomes fall without distorting or masking market signals. They also need to provide a backstop to risk, while not encouraging recklessness.

allan@fbcpublishing.com

The rain dilemma for U.S. corn, soybeans

Localized storms are making widely used weather models less meaningful to the market

BY KAREN BRAUN
Reuters

Rain has been falling across the U.S. Corn and Soybean Belt this month but crop ratings have been low or declining, a sign that some farmers may be getting too much moisture while others have parched fields.

Because summer storms have been so localized, the two leading weather models used by traders may be little help in gauging whether this summer’s hit-or-miss weather pattern may cause U.S. corn and soybean yields to end up lower than expected.

July and August are the key months for rainfall in the United States that dictate the yields for corn and soybeans. But as of July 23, the U.S. Department of Agriculture rated 57 per cent of soybeans and 62 per cent of corn in good or excellent condition, both five-year lows for the week.

The two weather models that commodity markets trade on, the U.S. GFS and the European EC, have greatly improved the resolution to just a few miles in the past couple of years in an attempt to

offer more precision on the location of potential events.

Observed weather conditions may be charted or mapped allowing analysts to see how much rain actually fell over a given period of time. But the spatial resolution on these maps can be highly variable, and precipitation events often get smoothed over too much.

The U.S. GFS model – or Global Forecast System – is a gridded model that computes temperature and precipitation forecasts four times per day, extending out 16 days. Up to day 10, the spatial resolution or grid size on the output is eight miles (13 km).

Beyond day 10, GFS resolution is much coarser at 21 miles (34 km). For reference, the average span of a county in Iowa, the country’s top corn producer, is about 24 miles.

The European EC model has an even higher resolution at nine km (5.6 miles), but each run only covers 10 days and the model is run twice per day – neither of them landing when the Chicago grain markets are open for trading. Nevertheless, the EC model is often touted as being more accurate than the GFS.

Localized rain

The typical summer storm activity that accounts for a large portion of the seasonal rainfall has been suppressed this year across the western Corn Belt in particular, based on the recent positioning of upper-atmospheric features.

A stubborn high-pressure ridge has been parked over the Plains, bringing heat and drought conditions to the western Corn Belt, with the worst of it in the Dakotas. Meanwhile, all the main storm activity has been riding the jet stream along the east side of the ridge straight into Wisconsin, northern Illinois, and the eastern belt.

The same weather pattern has been responsible for burdensome rainfall amounts recently from Wisconsin to Ohio. This pattern has drawn a harsh line right through the core corn- and soybean-growing areas, thinly separating the wet regions from the dry ones.

Along this boundary, rainfall amounts have been highly variable, which is why farmers’ crop feedback has been anything from terrible to excellent.

Take Cedar Rapids and Iowa City in eastern Iowa. According to data from the National Weather Service, Cedar Rapids received three inches (76 mm) of rain between July 1 and July 26, about 80 per cent of normal for that period.

About 23 miles (37 km) to the south, Iowa City observed 6.5 inches (165 mm) of rain over the same period, roughly 50 per cent more than average.

Another example lies farther west in the state, where monthly totals through July 26 for the capital city of Des Moines was half of that in Ames, which is 30 miles (48 km) due north.

Maps vary

Many analysis maps that market participants use to see how much rain actually fell are often smoothed over twice as much or more as the weather model output. This can make it difficult to see the highly localized discrepancies such as the Iowa example above.

Corn-heavy northern Illinois, where heavy precipitation events have been common this month, provides a great example of how

different analysis maps could lead to different conclusions.

A smoother, gridded observation map would say that the northernmost counties in the state have received four to five inches (102 to 127 mm) between July 1 and July 26. However, a much finer-scale map using weather station data suggests the same region may have actually observed anywhere from two to 10 inches (51 to 254 mm).

But there are limitations to the station method. Sometimes there is only one station in a county, which may be the same size as the grid on a more smoothed map anyway, rendering the station method no better.

The station method also comes up short where station coverage is lacking, which is often a problem in sparsely populated areas. And since temperatures tend to have much less spatial variation than precipitation, the smoothing effect on that data is often less consequential.

Karen Braun is a Chicago-based market analyst for Reuters. The views expressed here are her own.

FROM PAGE ONE

HEMP
Continued from page 1

acres in Manitoba jumped from 1,300 to 30,000, according to Manitoba Management Plus data published by Manitoba Agriculture. The crop hit a roadblock the following year however, and continued to fall, bottoming out in 2008 at 2,500 acres, before starting to recover.

By 2013, the Manitoba Agricultural Services Corporation recorded 11,300 hemp acres (although Manitoba Agriculture estimates hover closer to 14,700 acres), a number that rose to 17,450 acres in 2014.

Seeded acres took a hit in popularity last year after Manitoba Harvest announced in December 2015 it would cut off new contracts in 2016 because of a glut in seed.

The Manitoba Agricultural Services Corporation reported 14,500 hemp acres in Manitoba last year, down from 21,200 in 2015, according to variety market share reports.

Open again

Manitoba Harvest opened up contracting again this year, but Saunderson says oversupply is still an issue due to international markets and yields, which Clarence Shwaluk, Manitoba Harvest director of farm operations, estimates have jumped from 600 to 800 pounds per acre to over 1,000, as farmers have become more familiar with the crop.

“We used to manage our production contracts based on a certain pound-per-acre average, and those almost doubled within the last few years, so right away, even though we’re contracting less acres, those acres are producing yields that we haven’t even seen before,” Saunderson said.

New varieties have also bolstered yield.

Jeff Kostuik, central region director of operations for Hemp Genetics International, cited new, shorter varieties designed to maintain yield while minimizing residue — a noted problem with the bushy crop — and



Field tour attendees in Melita July 25 take a closer look at emerging hemp management practices. PHOTO: ALEXIS STOCKFORD

limit shelling loss due to wind. His company is also developing more herbicide-tolerant varieties.

Kostuik estimates that yields could reach up to 1,600 pounds per acre given current variety and agronomic advancement.

“We can have a plant that retains the shell better, so less shelling,” he said. “There’s that we can work on. We can work on this whole issue with mortality in the springtime, so a plant that’s a little more vigorous in the spring. The canvas is blank essentially, still, on what we can do to improve the varieties, including even increasing yield.”

Internationally, Canadian hemp value is in flux as the South Korean market slows. The industry heralded the Asian country as the next great market last year, after Koreans unexpectedly tapped hemp seed as an alternate protein source to fish, which some had lost their appetite for in the wake of 2011’s nuclear incident in Fukushima, Japan.

A home shopping program launched hemp into the limelight in late 2015, and by mid-2016, companies across Western

Canada were scrambling to meet demand.

That peak has since tapered off, Saunderson said, something experts have blamed on increased competition from countries like China. Prices have since lowered in South Korea and other Asian countries.

“We almost flooded the market there and that market’s potential is still there, but it’s definitely not what it used to be even two years ago,” Saunderson said. “Acres were contracted assuming there would be huge demand in Asia, which has really slowed down, so it’s back on companies like us to start building that demand again overseas and here in North America.”

With the decline in Asian markets, companies like Manitoba Harvest are turning to places like Japan or Australia. Australia and New Zealand will join the hemp foods market for the first time this fall, after their governments ruled to legalize hemp for human consumption in April.

“We anticipate that that’s going to be a big new market,” Saunderson said.

The hemp industry may face another competitor in years to come, however, as U.S. interest in the crop heats up. Thirty-two states allow hemp to be grown commercially, in pilot programs or for research and legislation to loosen regulations around the crop was introduced to U.S. Congress in July.

Back to the farm

Producers have noted the ongoing market challenges.

“It’s a great crop to grow,” one Manitoba producer, Will Gerrard said over social media, adding that, “market issues are numerous for growers.”

The perspective was echoed by fellow hemp grower Bryce Cowling.

“(It) just needs more consistency on movement and marketing,” Cowling said.

Gerrard further advocated hemp coming under the Canadian Grain Commission umbrella.

Saunderson, however, was wary of that prospect, arguing that the market, while it shows potential, is not yet well enough established.

“We like it from the stance of you can put grain quality for (hemp) to make sure there’s

consistency across the industry, but it goes back to who’s buying the seed? Where are they making it? Where are they producing it? The market’s just not there yet,” she said. “There’s not quite enough producers there. There’s not quite enough end consumers. I can see where they’re coming from and maybe in 10 years that’ll be the ideal state, but the market’s not ready for it yet.”

Hemp’s emergent status leads both Saunderson and Kostuik to warn farmers against growing the crop without a contract.

“More often it’s been overproduction than underproduction on the hemp side of things, so growing it on spec is really risky,” Kostuik said. “Having a contract, at least you know you should have a home for it and that gives us an idea of what’s out there and how we can market that effectively.”

Fibre market opens wider

The hemp game in Manitoba may be ready to shift with the promise of two processing plants to open in Gilbert Plains.

Lyall Bates, owner and president of HempSense, says his dual-purpose plant is in the final stages of setup. Grain processing will begin within two weeks, followed shortly by fibre processing within the month. The facility is undergoing organic certification for hemp grain.

“We looked at (hemp) about eight years ago when the farmers came to me and asked me if we could get something going,” Bates said.

The interest soon took Bates on a tour of Europe’s hemp facilities, but he was unimpressed with the economics of textile-grade hemp. Many plants were struggling, with some going into receivership as companies struggled to meet the textile industry’s high standards, he said. Instead, Bates turned to other uses for hemp fibre, and developed a product list that includes kitty litter, floor cover for absorbing oil spills, garden mulch and animal bedding.

“This is a starting base for us. We feel that we can start with these products and then we can go into some other products later on,” he said.

The plant is not yet open, but bale shipments from as far away as Edmonton have already arrived and HempSense has

organized trucks and balers for contracted producers who lack proper equipment.

“We have farmers here willing to grow it,” Bates said. “It helped us, getting into the seed part of it too, because then the farmers have a market for their seed and their straw, so it’s easier for us to contract with a farmer because he knows he’s got sale for both.”

The dual focus on both grain and fibre makes the plant a rarity in the Manitoba hemp industry.

Kostuik said it would be possible to reap the benefits of both fibre and grain production with a single crop, assuming farms are within reasonable distance to fibre plants.

“Grain, we can ship across the country and that’s what (Hemp Genetics International) is involved with,” he said. “Our processing plant is in Arborg and we contract growers right from Alberta through to Manitoba to provide for that plant. You can move grain a long ways and still be economical with it.”

Most hemp production in Manitoba is grain based for hemp foods, Kostuik said, although marketing fibre may be a boon to farmers, due to the difficulty of otherwise managing field residue.

“It’s a lower-quality fibre, so basically the cost will be reflective of that,” Kostuik said. “But essentially, it’ll pay for the cost of baling or removing the fibre from the field, which makes it economical that way.”

Long delayed

The long-awaited — and long-delayed Plains Hemp plant will hopefully follow HempSense next year, according to Manitoba Agriculture representatives. Equipment is running and being tested on site, the *Manitoba Co-operator* has been told.

The plant was met with optimism when it was first announced in 2010. Both federal and provincial governments threw support behind the project, announcing \$5.3 million in funding, \$4.775 million of which was federal.

At the time, owner Robert Jin predicted a quick opening to the plant. Construction of the building wasn’t completed until 2013, however.

The plant was delayed again in 2014 after a worker was seriously injured, losing part of his arm. The company was later fined \$20,000 due to the incident.

As of June 2016, the company was said to be updating electrical wiring inside the plant.

The fibre-focused Plains Hemp plans to offer a range of fibre quality products ranging from animal bedding and floor absorbant to barbecue pellets and “hempcrete” building material.

Despite having both plants in close proximity, Bates says he is not concerned about competition.

“There’s enough acres out there and we can contract with our own farmers to take the seed and the straw, enough to run both plants,” the HempSense owner said.

Plains Hemp did not respond to requests for an interview.

astockford@farmmedia.com

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 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. **Roundup Ready® technology** contains genes that confer tolerance to glyphosate, an active ingredient in Roundup® brand agricultural herbicides. Agricultural herbicides containing glyphosate will kill crops that are not tolerant to glyphosate.

Acceleron® seed applied solutions for corn (fungicides only) is a combination of three separate individually-registered products, which together contain the active ingredients metalaxyl, prothioconazole and fluoxystrobin. **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, prothioconazole, fluoxystrobin, and clothianidin. **Acceleron® seed applied solutions for corn plus Poncho®/VOTIVO™ (fungicides, insecticide and nematocide)** is a combination of five separate individually-registered products, which together contain the active ingredients metalaxyl, prothioconazole, fluoxystrobin, clothianidin and *Bacillus firmus* strain I-1582. **Acceleron® Seed Applied Solutions for corn plus DuPont™ Lumivia® Seed Treatment (fungicides plus an insecticide)** is a combination of four separate individually-registered products, which together contain the active ingredients metalaxyl, prothioconazole, fluoxystrobin and chlorantraniliprole. **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. **Visivio™** contains the active ingredients difenoconazole, metalaxyl (M and S isomers), fludioxonil, thiamethoxam, sedaxane and sulfoxaflor. Acceleron®, Cell-Tech®, DEKALB and Design®, Genuity®, JumpStart®, Monsanto BioAg and Design®, Optimize®, QuickRoots®, Real Farm Rewards™, RIB Complete®, 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. BlackHawk®, Conquer® and GoldWing® are registered trademarks of Nufarm Agriculture Inc. Valtara™ is a trademark of Valent U.S.A. Corporation. Fortenza® and Visivio™ are trademarks of a Syngenta group company. DuPont™ and Lumivia® are trademarks of E.I. du Pont de Nemours and Company. Used under license. LibertyLink® and the Water Droplet Design are trademarks of Bayer. Used under license. Herculex® is a registered trademark of Dow AgroSciences LLC. Used under license. Poncho® and VOTIVO™ are trademarks of Bayer. Used under license.



DRONES
Continued from page 1

The new course will offer students everything they need to know to safely and legally fly these increasingly popular airborne vehicles, says Matthew Johnson, president of M3 Aerial Productions who will be teaching the BU course.

Drones are great tools when operated safely and legally but as use of them grows so do the risks associated with mishandling, Johnson says.

“There’s a lot of people using them who really know nothing about what the risks are,” he said. “Most who buy a drone and take it out of the box aren’t thinking about that.”

Users are increasingly recognizing how education is necessary, he added.

“It’s like driving a car. Driver’s Ed is extremely valuable to public safety as a whole in the same way as UAV ground school,” he said.

This course will teach students about all safety considerations, applications for drones and how they work, plus update them on all Transport Canada regulations.



Matthew Johnson of M3 Aerial Productions says a drone ground school will contribute to public safety while teaching operators how to fly the remote aircraft. PHOTO: WESTERN PRODUCER

Existing rules currently exempt those who fly drones recreationally, but proposed new rules will require everyone at the controls of a drone to have completed a ground school course like the one being offered at BU.

This course will give students opportunity to become certified drone pilots, and able to fly drones commercially potential-

ly launching a career, Johnson said.

“It’s a huge opportunity to get in, in the early stages,” he said. “There’s already a shortage of qualified drone pilots, and now with just one course you can tap into a whole new industry.”

Drones are now used extensively in academic disciplines including archeology, environ-

mental science, biology, geography, and geology, plus numerous applied fields such as architecture, civil engineering, surveying, and others.

Agricultural use for drones is huge and growing. About 85 per cent of those who’ve taken courses through M3 Aerial Productions have an agricultural background, said Johnson. He

predicts it won’t be long before every farmer is using a drone to collect field information.

“It’s a very valuable tool and it makes sense to have one,” he said. “They provide so much more valuable info about your fields at the touch of a button. And the technology is getting better and better and the price is coming down.”

Demand for the training is expected to be intense and to meet that demand the course will be fully available online.

The first portion is self-directed and must be completed by Nov. 17. The second portion includes three Saturday sessions (Nov. 18, 25, and Dec. 2) offered either in class or through online videoconferencing. Fees will be \$600 and includes the tuition, admissions fee plus a course fee of \$60 for the manual and textbook.

The course cost is \$600, and includes BU tuition, the university admissions fee, and a course fee of \$60 for the manual and textbook. There is no prerequisite, and no need to already own a drone, as the course is completely ground based with no actual flying.

lorraine@fbcpublishing.com

Early harvest
beginning in
Saskatchewan

COMMODITY NEWS
SERVICE CANADA

Crops are ripening quickly across the province with the majority ranging from poor to good condition, according to a report from the Saskatchewan government.

Hot and dry weather has stressed many plants with some storm damage also being recorded during the week ended July 27. The south and central areas are extremely dry. Rainfall this week ranged from zero to 98 millimetres in a section of the northwest.

According to the report, topsoil moisture on cropland is rated as five per cent surplus, 35 per cent adequate, 38 per cent short and 22 per cent very short. Hay land and pasture topsoil moisture is rated as four per cent surplus, 29 per cent adequate, 34 per cent short and 33 per cent very short.

Harvest is beginning in a few areas. Some pulse crops are being desiccated while a few winter cereal and pulse crops are being combined.

Insects are also popping up with sightings of grasshoppers, diamondback moths and aphids.

Haying is underway with Saskatchewan ranchers having already baled 74 per cent of the crop or put into silage. The report says an additional 14 per cent has been cut and is ready for baling.

The quality of the hay is rated 61 per cent good, 25 per cent fair and five per cent poor. Yields have been less than normal though and hay will likely be in short supply in some areas. Many livestock operators doubt there will be a second cut.

I M P O R T A N T N O T I C E



Canadian Grain
Commission Commission canadienne
des grains



Grain producers: Changes to wheat variety
designations

These varieties will move to the Canada Northern Hard Red wheat class. They will remain in their current classes for the 2017 harvest.

As of August 1, 2018

From Canada Western Red Spring:

AC Abbey	Alikat	Katepwa	Pembina
AC Cora	CDC Makwa	Leader	Thatcher
AC Eatonia	CDC Osler	Lillian	Unity
AC Majestic	Columbus	McKenzie	5603HR
AC Michael	Conway	Neepawa	
AC Minto	Harvest	Park	
Alvena	Kane	Pasqua	

From Canada Prairie Spring Red:

AC Foremost	AC Taber	Conquer	Oslo
-------------	----------	---------	------

As of August 1, 2019

From Canada Prairie Spring Red:

AC Crystal

1-800-853-6705 or 204-984-0506
TTY: 1-866-317-4289
www.grainscanada.gc.ca



Canada

Malt barley outlook promising, but harvest quality will be key

Producers are also warned about the dangers of outwaiting the market

BY TERRY FRIES
CNSC

Many questions remain about Western Canada's malt barley crop, but many analysts appear to expect at least an adequate harvest.

Quality concerns and yield reductions will hit farmers in southern areas, but for those with good quality, prices should remain at least steady for the medium term.

While analysts cautioned that forecasts can still change depending on the coming harvest, current supply-demand fundamentals point to strong prices.

Bruce Burnett, director of markets and weather with Glacier FarmMedia, said with seeded barley area at 10 per cent less than 2016, volumes were set up to be tight heading into this growing season. Since then, dry weather has compounded the situation.

"I think probably the biggest concern that the maltsters have is how this dryness has affected some of the malting attributes," he said.

In addition to yield reductions in the dry southern parts of Saskatchewan and Alberta, higher protein content is also expected because it normally goes hand in hand with dry conditions.



Bruce Burnett says there's no question malting acres are down, but harvest weather has yet to weigh in. PHOTO: ALLAN DAWSON/FILE

Maltsters typically want barley with 11.5 per cent protein or less, and that may become difficult to find as the crop comes off the combine.

Maltsters are able to adjust somewhat by talking to their clients and tweaking recipes, but limited supplies of lower-protein malt barley could spark more competitive pricing. However, much depends on the quality of the crop now starting to be harvested.

"The way I look at it is, we've maybe got half of the puzzle here; where we know production is going to be down so supplies are going to be tight from that. But the second half is how the harvest weather will treat us here," Burnett said.

Kevin Sich, supply chain

director at Rahr Malting in Alix, Alta., said although there are areas where the crop is facing heat stress, he expects the barley crop overall will be adequate.

He said prices have settled in lately at about \$5.50 per bushel, but like other maltsters, Rahr is not currently buying.

Rahr is still working through last year's supplies and Sich said he prefers to wait and see what the quality and yields will be from the present crop before looking to buy more.

"There's by no means any reason to push the big red panic button," he said.

"Overall, I think if you have quality malt barley this year, there is going to be a market

"We know production is going to be down so supplies are going to be tight from that. But the second half is how the harvest weather will treat us here."

BRUCE BURNETT
director of markets and weather, Glacier FarmMedia

commodities that actively trade like canola that you can get a daily price. It's very seasonal," he said.

"A lot of these markets usually get absorbed by around Christmastime."

Export buyers can be price sensitive and pull out when prices reach a certain level, he said, and the Australian winter-seeded crop, which comes out in December or January, can pull on prices.

As well, the strengthening Canadian dollar could make Canadian barley less attractive to some buyers.

Mark Green at Central Ag Marketing said maltsters his company has contacted are also staying out of the market.

"We've been calling them and emailing them and stuff and we haven't heard from them," he said. "They're kind of sitting on their hands at the moment."

He said that surprised him, given the drought reports from U.S. barley areas and the southern Canadian Prairies, but maltsters appear to be waiting for more information about the state of the current crop, he said.

Green added that rising prices for feed barley will also pull malt barley prices higher.

He said most of the barley north of Calgary is in decent shape and he "definitely sees the market headed up."

Mosaic shares tumble on disappointing fertilizer guidance

The company sees lower overall demand for phosphate in the coming months and says Saskatchewan potash facility is valuable

BY ROD NICKEL AND
AHMED FARHATHA
Reuters

U.S. fertilizer producer Mosaic said Aug. 1 the company expects slower phosphate sales and weaker prices for the current quarter.

The pronouncement caused shares to plunge as much as nine per cent.

The Minnesota-based company predicted third-quarter phosphate sales of 2.2 million to 2.5 million tonnes, down from 2.6 million in the second quarter.

Mosaic forecast third-quarter diammonium phosphate prices lower than in the second quarter, but investors may be missing that raw material prices are also declining, preserving margins, Mosaic chief executive Joc O'Rourke said in an interview.

"Somebody's obviously selling on the future," he said.

Bernstein analyst Jonas Oxgaard said the sell-off seemed like an overreaction.

Mosaic shares pared the session's losses to close 5.2 per cent lower at US\$22.89 in New York.

Fertilizer prices remain low amid pressure from bloated global capacity and soft crop prices, but O'Rourke said both phos-

"We're not in a position to want to sell for what amounts to lower than book or replacement cost."

JOC O'ROURKE
Mosaic chief executive

phate and potash prices have stabilized since last year.

Asked if he would consider selling the potash business, O'Rourke said Mosaic's stock price does not reflect that business's value, especially compared to BHP Billiton PLC's planned potash mine in Jansen, Saskatchewan.

"If you consider BHP is talking about \$16 billion to build an eight million tonne per annum (mine), we have a 10- to 12-million-tonne potash business. That would value our potash business at least in that \$16-billion to \$20-billion range. We're not in a position to want to sell for what amounts to lower than book or replacement cost," he said.

"If someone wanted to offer us the right price, of course," O'Rourke said, adding that potash remains a core business to Mosaic and he is not saying it is for sale.

He declined to comment on whether BHP had shown interest in buying Mosaic, but said it makes more sense to buy existing potash capacity than to build new capacity.

"Like we do for all our commodities, we monitor the market for potential potash acquisitions and we have seen nothing today that we think competes with Jansen," said BHP spokeswoman Bronwyn Wilkinson.

The potash industry is under pressure as price weakness is compounded by new mines coming online by miners including K+S AG and EuroChem. Beyond that, there is no need for additional mines in the next five to 10 years, O'Rourke said.

Mosaic, the world's largest producer of finished phosphate products, reported second-quarter profit that topped analysts' expectations.

Excluding one-time items, Mosaic earned 29 U.S. cents per share, beating analysts' average expectation of 23 U.S. cents, according to Thomson Reuters I/B/E/S.

READER'S PHOTO



PHOTO: SANDI KNIGHT

Bunge leaves door open on selling itself

WHAT'S UP

The firm also cut its 2017 forecast in its most recent quarterly report

BY KARL PLUME
Reuters

Bunge has kept the door open on a sale of the company as it reported a 34 per cent drop in quarterly earnings and cut its full-year outlook, but its chief executive officer said that planned cost cuts should help improve performance.

The agricultural commodities trader, which rebuffed an approach from rival Glencore in May, will “evaluate the best path,” CEO Soren Schroder told analysts on a conference call Aug. 2, when asked whether selling the company was an option.

“There’s no entrenchment,” he added.

Bunge unveiled a cost-cutting and restructuring plan last month that is said will slash costs by \$250 million (all figures U.S. funds) by the end of 2019.

Bunge unveiled a cost-cutting and restructuring plan last month that is said will slash costs by \$250 million (all figures U.S. funds) by the end of 2019.

Bunge and rivals Archer Daniels Midland, Cargill and Louis Dreyfus, known as the ABCDs in global grain trading, have been stung by a glut of crops following four years of bumper harvests around the world.

On Aug. 1, rival Archer Daniels said slow farmer sales in South America dragged down profits for its soybean-processing business.

Some analysts expect Bunge’s second consecutive weak quarter to invite another approach by Glencore while others believe the overhaul could buy

time to deliver on promised growth.

The latest results matched Wall Street’s lowered estimates after the company warned of a shortfall last month.

Despite the rosier forecast for the rest of the year, Bunge lowered the full-year earnings estimate for its agribusiness and food and ingredients units for a second straight quarter.

“We are optimistic about a much better second half of the year, but some market headwinds will persist,” said chief executive officer Soren Schroder.

The second quarter was marked by slow farmer selling in South America and a difficult export market as ample global crop supplies and hand-to-mouth buying by importers limited trading opportunities.

The company sold 36.2 million metric tons of grains and other commodities in its agribusiness in the second quarter, but gross profit from the business fell more than half to \$157 million.

On Wednesday, the company slashed its full-year agribusiness earnings target to \$550 million to \$650 million, from \$800 million to \$925 million in the first quarter, and its food and ingredients target to \$210 million to \$230 million, from \$245 million to \$265 million.

Net income available to shareholders fell to \$72 million, or 51 cents per share, in the quarter, from \$109 million, or 78 cents per share, a year earlier.

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

Aug. 17: Manitoba Soil Science Society summer tour: Reducing Tillage, Recycling P and Recovering Soil Structure, 7:30 a.m. to 5:30 p.m., around Portage la Prairie and MacGregor. For more info and to pre-register (required), email Christine.Rawluk@umanitoba.ca.

Sept. 15-16: Manitoba Fibre Festival, Red River Exhibition Park, 3977 Portage Ave., Winnipeg. For more info visit manitobafibrefestival.com.

Sept. 17: Manitoba Open Farm Day. For more info or to register your farm (deadline April 28), visit openfarmday.ca.

Sept. 25-28: Agricultural Bioscience International Conference (ABIC 2017), RBC Convention Centre, 375 York Ave., Winnipeg. For more info or to register visit www.abic.ca/abic2017.

Nov. 14-15: Grain World conference, RBC Convention Centre, 375 York Ave., Winnipeg. For more info call 204-805-1284.

FESTIVALS

- Contact us with your event, dates, location and contact info at news@fbcpublishing.com.
- Aug. 11-12:** St. Vital Agricultural Society Fair, St. Vital Centennial Arena, 580 St. Anne’s Rd., Winnipeg. Call 204-256-6332 or visit www.svas.ca.
- Aug. 11-13:** 100th Roblin Fair. Call 204-937-3152 or email roblinag@live.com.
- Aug. 11-13:** Gladstone Fair. Call 204-870-9524 or email clay@mymts.net.
- Aug. 11-13:** Banana Days, Melita. Visit www.melitabanadays.com.
- Aug. 11-13:** Honey Festival, Kleefeld. Visit kleefeldpark.ca.
- Aug. 11-13:** Winkler Harvest Festival and Exhibition, 600 Park St., Winkler. Call 204-325-5600 or visit winklerharvestfestival.com.
- Aug. 17-20:** Hanover Ag Fair, Grunthal. Call 204-392-0516 or visit www.hanoverag.com.
- Aug. 17-20:** Wild West Daze, Virden. Visit virdenindoorrodeo.ca.
- Aug. 18-20:** Quarry Days, Stonewall. Visit stonewallquarrydays.ca or call 204-299-4173.
- Aug. 18-20:** Rainbow Trout Music Festival, Oroseau Campground, St. Malo. Visit www.rainbowtrout-musicfestival.com.
- Aug. 19:** Kelwood Agricultural Society Fair. Call 204-967-2830 or visit kelwoodagsociety.webs.com.
- Aug. 25-27:** Corn and Apple Festival, Morden. Call 204-823-2676 or visit cornandapple.com.
- Aug. 26:** Tolstoi Homecoming. Call 204-451-1697 or 204-425-3556 or visit “Tolstoi Manitoba Homecoming” on Facebook.
- Aug. 27-28:** McCreary Fair. Call 204-835-2809.
- Sept. 8-10:** 100th Double B Agricultural Festival, CPTC Grounds, Highway 302, Beausejour. Call 204-205-0723 or visit www.brokenheadag.ca.
- Sept. 9:** Whoop and Hollar Folk Festival, Cottonwood Acres, PR 331, southeast of Portage la Prairie. Visit PortageFolk.com.



Hear the stories behind the stories.

Between The Rows is a weekly podcast featuring the **Glacier FarmMedia** editorial team. Drawing from our more than 20 print and online brands, our reporting staff discuss the top stories and latest developments in agriculture today.

Listen to **Between the Rows** now – the weekly farm news and information podcast.

Text ‘BTR’ to 393939 to subscribe now! Don’t miss an episode! IT’S FREE!

Glacier FarmMedia, your go-to source for national agricultural news and information presents **Between the Rows** – A weekly podcast that delivers the stories behind the stories in Canadian agriculture.

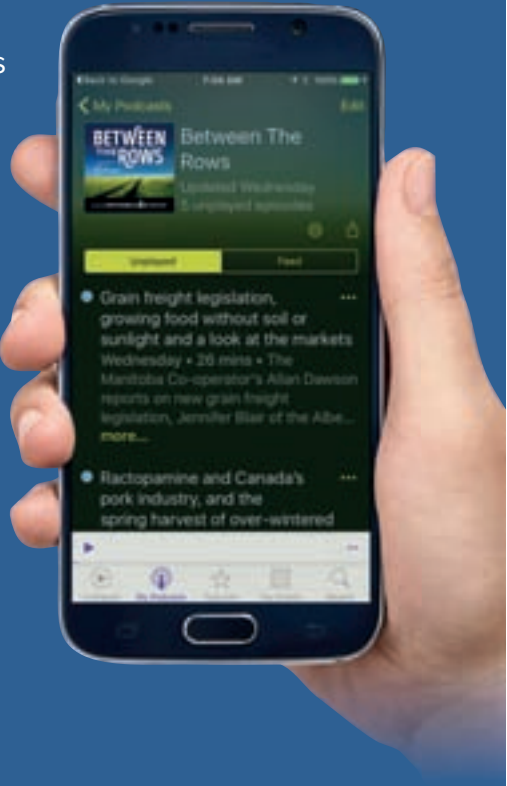


SPONSORED BY



NEW EPISODE EVERY THURSDAY

GLACIER **farmmedia** ((mic)) PODCAST



LIVESTOCK MARKETS

Numbers below are reprinted from August 3rd issue.

EXCHANGES:
JULY 28TH, 2017

\$1 Cdn: \$0.803 U.S. \$1
U.S: \$1.2447 Cdn.



Cattle Prices

(Friday to Thursday)		Winnipeg	July 28th, 2017
SLAUGHTER CATTLE			
Steers		—	
Heifers		—	
D1, 2 Cows		92.00 - 101.00	
D3 Cows		86.00 - 92.00	
Bulls		108.00 - 116.00	
FEEDER CATTLE (Price ranges for feeders refer to top-quality animals only)			
Steers	(901+ lbs.)	—	
	(801-900 lbs.)	170.00 - 186.00	
	(701-800 lbs.)	175.00 - 195.00	
	(601-700 lbs.)	180.00 - 206.00	
	(501-600 lbs.)	190.00 - 212.00	
	(401-500 lbs.)	—	
Heifers	(901+ lbs.)	128.00 - 148.00	
	(801-900 lbs.)	135.00 - 165.00	
	(701-800 lbs.)	145.00 - 168.00	
	(601-700 lbs.)	155.00 - 172.00	
	(501-600 lbs.)	—	
	(401-500 lbs.)	—	
SLAUGHTER CATTLE	(\$/cwt)	Alberta South	Ontario
Grade A Steers	(1,000+ lbs.)	\$ —	\$ 135.53 - 151.33
Grade A Heifers	(850+ lbs.)	—	128.91 - 150.76
D1, 2 Cows		95.00 - 110.00	75.15 - 101.12
D3 Cows		82.00 - 96.00	75.15 - 101.12
Bulls		—	110.55 - 146.69
Steers	(901+ lbs.)	\$ 165.00 - 188.00	\$ 150.96 - 178.82
	(801-900 lbs.)	175.00 - 187.00	162.23 - 192.23
	(701-800 lbs.)	184.00 - 208.00	162.71 - 199.23
	(601-700 lbs.)	190.00 - 227.00	157.13 - 220.22
	(501-600 lbs.)	207.00 - 230.00	176.81 - 240.34
	(401-500 lbs.)	211.00 - 238.00	181.08 - 241.41
Heifers	(901+ lbs.)	\$ —	\$ 142.20 - 162.63
	(801-900 lbs.)	156.00 - 177.00	142.04 - 169.08
	(701-800 lbs.)	166.00 - 189.00	149.57 - 177.36
	(601-700 lbs.)	176.00 - 195.00	158.30 - 199.46
	(501-600 lbs.)	182.00 - 197.00	171.86 - 213.96
	(401-500 lbs.)	180.00 - 208.00	159.36 - 208.15

Futures (July 28th, 2017) in U.S.					
Fed Cattle	Close	Change	Feeder Cattle	Close	Change
August 2017	114.30	-1.58	August 2017	147.83	-4.45
October 2017	113.58	-3.50	September 2017	148.95	-3.38
December 2017	114.40	-3.70	October 2017	148.25	-2.60
February 2018	116.33	-2.88	November 2017	146.85	-2.53
April 2018	116.23	-2.20	January 2018	143.80	-2.38
June 2018	109.65	-1.85	March 2018	141.08	-2.00

Cattle Slaughter			Cattle Grades (Canada)		
	Week Ending July 22, 2017	Previous Year		Week Ending July 22, 2017	Previous Year
Canada	60,106	56,871	Prime	436	803
East	12,441	11,209	AAA	26,115	31,066
West	47,665	45,662	AA	23,808	17,380
Manitoba	NA	NA	A	1,430	730
U.S.	622,000	597,000	B	1,055	916
			D	6,285	5,054
			E	331	194

Hog Prices

(Friday to Thursday) (\$/100 kg)		Source: Manitoba Agriculture		
E - Estimation				
MB. (\$/hog)	Current Week	Last Week	Last Year (Index 100)	
MB (All wts.) (Fri-Thurs.)	208E	213.90	188.67	
MB (Index 100) (Fri-Thurs.)	192E	198.43	174.84	
ON (Index 100) (Mon.-Thurs.)	203.61	210.74	177.85	
PQ (Index 100) (Mon.-Fri.)	209.77	216.18	184.96	

Futures (July 28th, 2017) in U.S.		
HOGS	Close	Change
August 2017	82.25	1.15
October 2017	67.68	-0.17
December 2017	61.80	-1.15
February 2018	66.48	-0.90
April 2018	69.95	-0.85

Other Market Prices

Sheep and Lambs			
			SunGold Specialty Meats
\$/cwt		Winnipeg Woolled Fats	
Ewes	Choice	—	
Lambs	(110+ lb.)	—	
	(95 - 109 lb.)	—	
	(80 - 94 lb.)	—	
	(Under 80 lb.)	—	
	(New crop)	—	

Chickens		Eggs	
Minimum broiler prices as of April 13, 2010		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.	
Under 1.2 kg.....	\$1.5130		
1.2 - 1.65 kg.....	\$1.3230		
1.65 - 2.1 kg.....	\$1.3830		
2.1 - 2.6 kg.....	\$1.3230		
		New	Previous

Turkeys		Goats	
Minimum prices as of August 6, 2017			
Broiler Turkeys (6.2 kg or under, live weight truck load average)			
Grade A	\$1.930		
Undergrade	\$1.840		
Hen Turkeys (between 6.2 and 8.5 kg liveweight truck load average)			
Grade A	\$1.915		
Undergrade	\$1.815		
Light Tom/Heavy Hen Turkeys (between 8.5 and 10.8 kg liveweight truck load average)			
Grade A	\$1.915		
Undergrade	\$1.815		
Tom Turkeys (10.8 and 13.3 kg, live weight truck load average)			
Grade A.....	\$1.890		
Undergrade.....	\$1.805		
Prices are quoted f.o.b. producers premise.			

Goats		
	Winnipeg (Hd Fats)	Toronto (\$/cwt)
Kids	—	106.93 - 290.88
Billys	—	—
Mature	—	100.66 - 218.56

Horses		
	Winnipeg (\$/cwt)	Toronto (\$/cwt)
<1,000 lbs.	—	—
1,000 lbs.+	—	35.00 - 59.00

COLUMN

U.S. markets provide insight into future

Sales in Manitoba remain in holiday mode with cattle still on pasture here

PHIL FRANZ-WARKENTIN
CNSC

It was relatively quiet at Manitoba’s cattle auction yards during the week ended August 4, with no transactions to report as facilities remained in holiday mode. A few sales are scheduled for the week of August 7 to 11, with activity not really expected to pick up until late August/early September. While not much is happening in the local markets, as cattle remain out to pasture, the U.S. futures kept trading and should be providing direction for Canadian cattle when buyers and sellers return to the auction yards.

Both the live and feeder cattle markets find themselves in consolidation mode and somewhat rangebound south of the border. The live cattle futures broke below the 200-day moving average during the week, but managed to correct off its lows. The October contract in Chicago touched a low of US\$111.25 per hundredweight on July 31, but was trading back above US\$114 by Friday’s session. “Right now we’re in the middle of the range, and unless we break below (US\$)111 or above (US\$)118 we’ll probably stay in this range,” said Ben DiCostanzo, of Walsh Trading in Chicago. “It’s just one big mess of consolidation.” While the charts aren’t showing any clear direction, the cash market is looking strong, according to DiCostanzo. “As long as packers are making money and need to slaughter cattle, they will be in there fairly aggressively,” he said. However, that

“We’ll probably stay in this range. It’s just one big mess of consolidation.”

BEN DICOSTANZO
Walsh Trading

strength may not necessarily translate to the futures, as basis levels have room to widen. Feeder cattle, meanwhile, are looking expensive compared to live cattle, said DiCostanzo. While the feeder market is a bit more bullish, the futures are still stuck in the middle of a range from about US\$140 to US\$156 per hundredweight. He said the market will need a breakout above US\$152.30 to generate excitement and push to \$157. Otherwise, it will pull back to US\$147. DiCostanzo saw solid support at the US\$144 area, noting that it will be hard to break much lower. “There’s been too much demand out there.” China recently began allowing shipments of U.S. beef for the first time since 2003, lending some strength to the market. “There is a lot of excitement about the possibilities of China buying cattle,” said DiCostanzo. In addition, “packers are making money... As long as they’re making money, they’ll be slaughtering cattle, and as long as they’re slaughtering cattle, they’ll need to buy cattle, and as long as they continue to buy cattle, the prices can’t dip too much,” said DiCostanzo.

BRIEFS

New vaccine fights illnesses and improves food safety

CNSC

A new vaccine is designed to combat not only the types of salmonella bacteria that make pigs and turkeys sick, but it also helps reduce foodborne diseases that can make people ill. Vaccines on the market now generally offer protection from one type of salmonella. However, that can leave animals vulnerable to infections from other types of the pathogen. It can also leave unaffected so-called “commensal” organisms — organisms that animals carry but do not adversely affect their hosts. The animals then can pass the commensal bacteria along to people when it goes to

Typhimurium is a major culprit behind food poisoning cases in humans.

market or when its manure is used to fertilize crops. Developing vaccines that can target several types of salmonella is a huge challenge, said Shawn Bearson, of the U.S. Agriculture Research Service in Ames, Iowa, in a news release. “But another challenge is that the vaccines need to reduce salmonella types that don’t cause disease in pigs, but do cause foodborne disease in humans.” Bearson and his research team, along with Brad Bearson, who works at

the ARS’s Agroecosystems Management Research Unit in Ames, created a new vaccine that works on both commensal and disease-causing salmonella. Experiments showed the vaccine protected pigs from two types of salmonella: Typhimurium and Choleraesuis. As well, it protected turkeys from Typhimurium and Heidelberg, a multi-resistant salmonella responsible for a 2011 incident that led to one of the largest meat recalls in U.S. history. Typhimurium is a major culprit behind food poisoning cases in humans and it’s also a common commensal salmonella in pigs, poultry and cattle, said Brad Bearson. Choleraesuis causes life-threatening disease in pigs and is a major issue for pork producers worldwide. A patent has been filed but it’s not known how long it will take to get the vaccine to commercialization.

There will be no market reports from livestock auctions this week. They will return next issue.

Numbers below are reprinted from August 3rd issue.

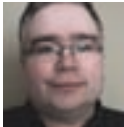
GRAIN MARKETS

COLUMN

Prices yo-yo on USDA report

USDA said the soybean crop improved in July, which caused bearishness that overflowed into canola

DAVE SIMS
CNSC



Weather and soybean markets continue to dominate canola's direction as growers prepare for harvest later this month. Futures were on a bit of a yo-yo during the start of the month as a USDA report played havoc with the soy market. In its July 31 crop conditions report, the USDA found the U.S. soybean crop had actually improved, which sent soy prices into a nose-dive. That bearishness flooded into the canola market and sent it plunging as well. However, values soon corrected themselves and canola began to right itself around the benchmark C\$500-per-tonne mark.

Spreads were non-existent though and volumes were light as everyone stepped back for a quick breather.

Harvest has begun for a few other crops already and growers have started to prepare for canola. Farmer selling ground to a halt, as producers waited for better prices and considered how much canola they wanted to keep around for the coming year. Rationing of canola has already begun due to the expected shortage of carry-over stocks.

Hot and dry weather continues to keep a

weather premium in the market although much of the heat stress on canola has abated with cooler temperatures.

Strength in the Canadian dollar has been keeping a lid on crush margins and international sales. The loonie seems to have run into resistance at the 80.60 U.S. cent mark.

The North American wheat market hit a softer tone over the week, as scattered rains fell over sections of the U.S. Plains and blazing hot temperatures slowly eased.

The size of the Russian wheat crop also threw a damper on prices as some analysts say it could nearly be as large as last year's record one.

Soybeans have come off the lofty highs seen during the last week of July when the front-month contract traded above the US\$10.25 mark. The November contract dipped below the US\$9.50 mark on Thursday after rains in the Midwest give the plants some welcome relief from the heat.

The corn market has stayed rangebound more than its grain and oilseed counterparts as of late. Favourable weather and China's decision to auction off a few million tonnes of its state reserve cast a bearish tint over values. However, enough of the U.S. crop is heat stressed to keep a weather premium in the market.

Dave Sims 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 July 28, 2017 (\$/tonne)

	Future	Basis	Cash
E. Manitoba wheat	272.09	15.83	287.92
W. Manitoba wheat	272.09	1.81	273.90
E. Manitoba canola	510.30	-20.06	490.24
W. Manitoba canola	510.30	-15.42	494.88

Source: pdqinfo.ca

Port Prices

As of Friday, July 28, 2017 (\$/tonne)

	Last Week	Weekly Change
U.S. hard red winter 12% Houston	190.51	-5.50
U.S. spring wheat 14% Portland	307.91	-13.86
Canola Thunder Bay	518.30	8.50
Canola Vancouver	533.30	3.50

Closing Futures Prices

As of Thursday, July 27, 2017 (\$/tonne)

	Last Week	Weekly Change
ICE canola	510.30	5.50
ICE milling wheat	283.00	-7.00
ICE barley	140.00	0.00
Mpls. HRS wheat	272.09	-9.28
Chicago SRW wheat	176.74	-6.71
Kansas City HRW wheat	176.74	-5.51
Corn	146.33	-2.17
Oats	188.20	-3.57
Soybeans	367.72	-3.30
Soymeal	353.74	-9.59
Soyoil	763.15	17.86

Cash Prices Winnipeg

As of Friday, July 28, 2017 (\$/tonne)

	Last Week	Weekly Change
Feed wheat	n/a	n/a
Feed barley	143.30	5.97
Rye	n/a	n/a
Flaxseed	449.19	-0.39
Feed peas	n/a	n/a
Oats	200.36	-0.65
Soybeans	381.04	-7.72
Sunflower (NuSun) Fargo, ND (\$U.S./CWT)	17.50	n/a
Sunflower (Confection) Fargo, ND (\$U.S./CWT)	Ask	Ask

Canadian wheat bids decline with U.S. futures, but basis improves

Weakness in the Canadian dollar provided some relief for wheat prices

BY PHIL FRANZ-WARKENTIN
CNSC

Hard red spring wheat bids in Western Canada moved lower during the week ended August 3, as declines in the U.S. futures weighed on prices. However, weakness in the Canadian dollar provided support and helped basis levels see some modest improvement.

Depending on the location, average Canada Western Red Spring (CWRS) wheat prices were down by C\$2 to C\$4 per tonne across the Prairie provinces, according to price quotes from a cross-section of delivery points compiled by PDQ (Price and Data Quotes). Average prices ranged from about C\$270 per tonne in western Manitoba, to as high as C\$284 in eastern Manitoba.

Quoted basis levels varied from

location to location, but generally improved by a couple of dollars to range from about \$4 to \$19 per tonne above the futures when using the grain company methodology of quoting the basis as the difference between the U.S. dollar-denominated futures and the Canadian dollar cash bids.

When accounting for currency exchange rates by adjusting Canadian prices to U.S. dollars (C\$1=US\$0.7950 as of August 3) CWRS bids ranged from US\$215 to US\$226 per tonne. That would put the currency adjusted basis levels at about US\$39 to US\$50 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 C\$49 to C\$63 below the futures.

Depending on the location, average Canada Western Red Spring (CWRS) wheat prices were down by C\$2 to C\$4 per tonne across the Prairie provinces.

Canada Prairie Red Spring (CPRS) wheat bids were down by C\$9 to C\$10 per tonne, with prices ranging from C\$169 to C\$179 per tonne.

Average durum prices were up by C\$2 to C\$4 per tonne, with bids in Saskatchewan coming in at about C\$284 to C\$314 per tonne.

The September spring wheat contract in Minneapolis, which most CWRS contracts Canada are based off of, was quoted at US\$7.1325 per bushel on August 3, down by 27.25 U.S. cents from the previous week.

The Kansas City hard red winter wheat futures, which are now traded in Chicago, are more closely linked to CPRS in Canada. The September Kansas City wheat contract was quoted at US\$4.5975 per bushel on August 3, down by 21.25 U.S. cents compared to the previous week.

The September Chicago Board of Trade soft wheat contract settled at US\$4.5775 on August 3, which was down by 23.25 U.S. cents on the week.

The Canadian dollar settled at 70.50 U.S. cents on August 3, which was down by roughly three-quarters of a cent on the week.

LIVESTOCK

HUSBANDRY — THE SCIENCE, SKILL OR ART OF FARMING

Expanded staff to put hog disease in the crosshairs

Manitoba Pork says it hopes to fill the new swine health programs manager by early fall

BY ALEXIS STOCKFORD
Co-operator staff

Manitoba Pork hopes revisiting its disease management and prevention programming will help the industry dodge the next disease threat.

The council will be expanding staff to include a swine health programs manager as part of the process, chair George Matheson said during a recent interview with industry-run broadcast “Farmscape.”

The new hire will take on existing biosecurity programs as pork producers continue to deal with the aftermath of PEDv (porcine epidemic diarrhea virus) in southeast and south-central Manitoba.

Andrew Dickson, Manitoba Pork general manager, said the council is using protocols passed down from the Canadian Swine Health Board to develop individual biosecurity plans for farms.

“Based on the experience that we’ve had with PEDv, there’s going to be a big review of our whole biosecurity programs to see whether we need to make any changes,” Dickson said. “We may need to revamp some of the plans that were prepared, say, three or four years ago.”

Dickson says the new programs manager will also re-evaluate transportation and cleaning procedure for trucks and trailers, something that has been of particular note in the ongoing PEDv fight, and encourage proper sanitization for trucks crossing to and from the United States, where the virus is more common.

Disease management and emergency planning will also be covered under the position and the programs manager will be expected to liaise with other provincial organizations to plan against future outbreaks. The new staff member will also act as a point of contact for farmers, researchers and other stakeholders.

Similar connections will occur nationally through the Canada-West Swine Health Intelligence Network.

The network was formed in 2015 with co-operation from producers, veterinarians and researchers in British Columbia, Alberta, Saskatchewan and Manitoba.

“It’s a database that generates reports,” Dickson said. “It can be done on a weekly basis. It can be done on an instant basis. Veterinarians across Western Canada input information about what they’re seeing in terms of swine health on the operations that they work with. The aim is to get the whole sow base in Western Canada with their swine health status being reported.”

About half of sow herds currently report to the network, he added.

“We’re hoping that this will provide us with some early warning signals on emergent diseases because veterinarians will see something in a barn and it’ll inform all veterinarians in Western Canada that they’ve seen something and to be alert for it,” Dickson said.



Manitoba Pork is hoping a new swine health programs manager will help the sector deal with challenges like the ongoing PEDv outbreak.
PHOTO: THINKSTOCK

The network hopes to tie into similar organizations in Ontario and Quebec.

Emerging issues

Outside of PEDv concern, the council intends to monitor emerging diseases, as well as international swine health issues, and introduce pre-emptive policy through the new position.

Dickson pointed to a “particularly virulent” strain of PRRS (porcine respiratory reproductive syndrome) — a double-edged pathogen affecting both respiratory health and resulting in aborted pregnancies, “mummified” piglets and infertility. Several cases of the strain have been reported in Manitoba in the last year, “Farmscape” recently reported.

“It has high mortality rates and is very hard on a particular operation,” Dickson said. “It can take months to try and get over it and there’s no guarantee that once you’ve cleaned up a barn that you won’t get the disease back again.”

The pork council’s new Manitoba Coordinated Disease Response program will also fall under the position’s purview, Dickson said.

The program was introduced in early July as a producer-based initiative against PEDv. The group shares disease status and management between farms and includes both in-person

“Based on the experience that we’ve had with PEDv, there’s going to be a big review of our whole biosecurity programs to see whether we need to make any changes. We may need to revamp some of the plans that were prepared, say, three or four years ago.”

ANDREW DICKSON
Manitoba Pork general manager

meetings and online resources. A website is in the works and Dickson said arranging access for producers will be among the program manager’s duties.

“We’re starting to put more information in there as we develop it,” Dickson said. “We’re putting in things like manure management plans now. We’ve got a lot of producers who aren’t affected by the disease who have signed up for it, so they’re able to see the information, and we’re making it available province-wide too.”

Manitoba Pork hopes to hire the swine health programs manager by early fall.

PEDv numbers stall

Dickson says he is “warily optimistic” about the fight against PEDv. At the time of printing, the last confirmed case was reported July 14 in a finisher operation west of Morris.

It was the 60th case this year and only the second confirmed infection west of the Red River since PEDv was found in Manitoba in 2014.

“What’s helping us too is the hot, dry weather,” Dickson said. “It reduces the potential for moving the disease because it requires moist conditions, so the drier it is, the better.”

Manitoba’s chief veterinary office has tested 284 premises since the start of the outbreak in early May and about 964,000 animals are under surveillance within high-risk buffer zones.

A five-kilometre high-risk buffer is set around each infected farm.

As of press time, PEDv had infected 22 sow herds, 13 nurseries and 25 finishing operations in Manitoba, Dr. Glen Duizer of Manitoba’s chief veterinary office said during a July 27 meeting in Steinbach.

All infected premises have begun cleanup, Dickson said.

astockford@farmmedia.com

Canadian dairy farmers sign on to international sustainability agreement

The Rotterdam Declaration calls on dairy farmers to promote sustainable practices and combat climate change

BY ALEXIS KIENLEN
Staff / Edmonton

Dairy farmers from across the country witnessed the signing of an international declaration at the recent Dairy Farmers of Canada annual general meeting. “Last October, we did make commitments as a billion-strong community, in terms of what we would do to push dairy forward, to listen to and help deliver those sustainable development goals,” said Judith Bryans, chief executive with Dairy UK and president of the International Dairy Federation.

Bryans delivered the keynote speech to about 340 attendees at the Dairy Farmers of Canada conference and was one of the signatories to the Rotterdam Declaration in Edmonton.

The declaration commits signatory countries to meet sustainability goals set out by the Food and Agricultural Organization of the United Nations. These include promoting sustainable practices to its dairy farmers, addressing “environmental degradation and climate change,” and “pay particular attention to the needs of family farmers, smallholders, and pastoralists.”

“The United Nations has decided it wants to challenge governments and it wants to



Parmalat Canada senior vice-president Gilles Froment (l to r); Dairy UK chief executive Judith Bryans, outgoing Dairy Farmers of Canada president Wally Smith, and Dairy Processors of Canada president and CEO Jacques Lefebvre show off copies of the Rotterdam Declaration. PHOTO: ALEXIS KIENLEN

look at sustainability from a social perspective and an economic perspective and an environmental perspective,” Bryans told the audience.

“Dairy has to be part of that story, particularly since the signing of the Paris Accord (on climate change). Because governments have made commitments, they have targets.”

The declaration, proclaimed in the Netherlands in October, is a milestone, said Gilles Froment, a senior vice-president of Parmalat Canada and

president of the international federation’s Canadian chapter.

“It embodies the importance of dairy in feeding the world with safe and sustainable products,” he said.

Canada is the 10th nation to come on board. (Others that have committed or will sign shortly include China, Israel, Denmark, the Netherlands, the Republic of Korea, Japan, France, Finland, and Zimbabwe.)

Other representatives signing the declaration in Edmonton

included Wally Smith, the outgoing president of the Dairy Farmers of Canada, and Jacques Lefebvre, president and chief executive officer of the Dairy Processors of Canada.

The declaration also commits dairy farmers to play a key role in food security and poverty reduction.

“Our global story, we should all know this, right?” said Bryans. “One billion people put their heads on the pillow at night and they’ll have had a

“Our global story, we should all know this, right? One billion people put their heads on the pillow at night and they’ll have had a livelihood from dairy.”

JUDITH BRYANS

livelihood from dairy. We feed six billion people.”

Twenty per cent of the agricultural land in the world is used for dairy, and dairy farmers look after 363 million cows, she added.

“While most farmers have two to three cows, we have a place in this world and our story is that we are providing the world with safe and sustainable products,” she said.

The full dairy declaration is at www.dairydeclaration.org.

Also at the AGM, Pierre Lampron of Quebec was elected the new president of the Dairy Farmers of Canada. Dairy Farmers of Manitoba president David Wiens continues as Western Canada’s rep on the five-person executive.

akienlen@fbcpublishing.com

Manitoba Co-OPERATOR

THE WESTERN PRODUCER

Alberta Farmer EXPRESS

AG Dealer

COMBINED POWER & REACH

NOW OVER 35,000 AG LISTINGS

FARMZILLA

CANADA'S AG-ONLY LISTINGS GIANT

PRINT | MOBILE | ONLINE

Q

AGGREGATING THE UNMATCHED INVENTORY AND MASSIVE REACH OF CANADA'S MOST TRUSTED BRANDS IN AG

PLACE YOUR AD: 1-800-667-7770 VISIT: Farmzilla.com FOLLOW ON:

Getting (a digital) read on how animals are feeling

Sophisticated camera technology can pick up subtle signs of cows in heat, and may one day be able to ‘read’ emotions

BY ALEXIS KIENLEN
Staff

What do “The Lord of the Rings” movies and a study on animal expressions have in common?

Both used motion capture technology — albeit for very different reasons.

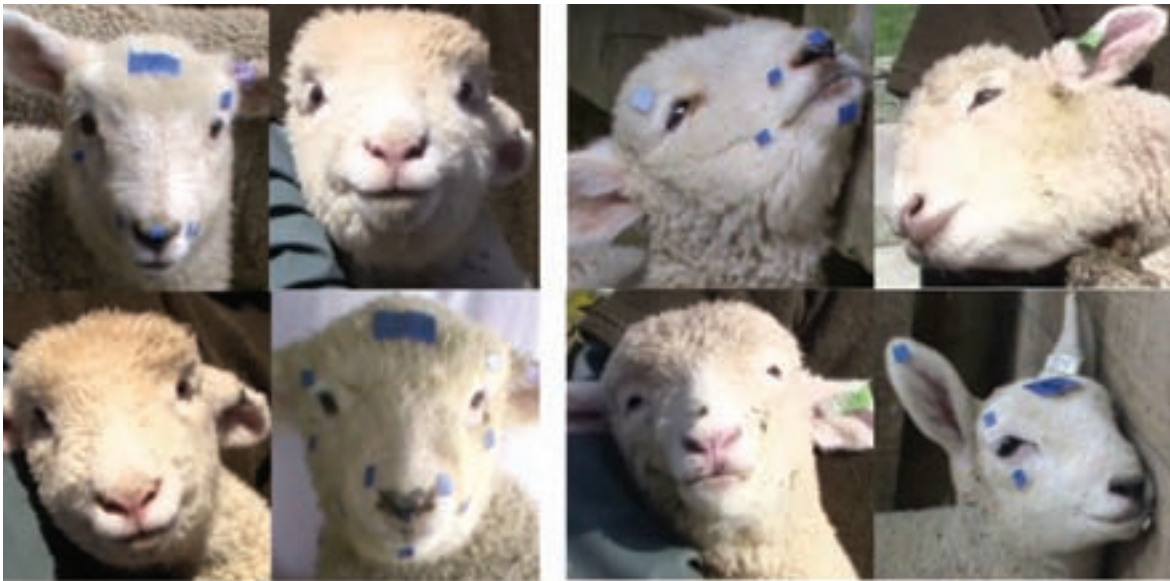
“Generally, we found that we could detect when the cows were in heat by using motion capture,” said Mirjam Guesgen, who recently completed her post-doc studies at the University of Alberta.

“We found that they were more restless, but to a level that you couldn’t see with the naked eye.”

Motion capture — used to create characters such as Gollum in “The Lord of the Rings” movies and also to analyze baseball — is precise enough to measure micro-movements in the legs and backs of cattle.

Because dairy cows are kept indoors much of the time in Canada, it’s harder to read their behaviour compared to ones on open pasture in warmer climates, said Guesgen, and that prompted her study using a motion capture camera to track subtle differences. The camera found them, even though the cattle were kept in tie-stalls and didn’t move around a lot more when they came into heat.

“We found that they were doing the shifting side to side,



No pain Pain

In some of her preliminary research in New Zealand, scientist Mirjam Guesgen put small blue dots on lambs’ faces as part of her measurements of their facial expression. PHOTOS: MIRJAM GUESGEN

shifting their weight from leg to leg, and that transferred into the motion capture video,” said Guesgen, who worked with Clover Bench, an animal ethologist and professor in the faculty of agriculture, life and environmental sciences.

Her research, still in the process of being peer reviewed, is unique.

“As far as I know, no one in Canada has used that particular system for animal research,” said Guesgen, an animal welfare specialist who has since relocated to Toronto.

“Now, that opens the door for a whole lot of other research down the road.”

There are many possibilities, including cataloguing facial expressions, said Guesgen who worked on creating a grimace ‘score’ for lambs in her native New Zealand.

So far, the only scales created for non-human animals involve mapping their pain, but “there’s increasing evidence that animals can experience a whole range of emotions, both negative, like pain or stress, or positive, like joy or curiosity.”

Scientists need to figure out a way to test for these emotions, and determine how animals express them, she said.

However, people who are

familiar with animals can read their facial expression and body language naturally, she added. In her earlier research in New Zealand, many farmers asked Guesgen why she would bother monitoring grimaces or facial expressions, when they could just tell that their animal was in pain.

While some scientists are still skeptical that animals can feel pain, being able to show facial expressions to people who work with livestock can make them more aware of when they are in distress, she said.

akienlen@fbcpublishing.com



This lamb isn’t in pain but started to vocalize — possibly to maintain contact with its flock mates in a nearby pen — after being picked up.



“We found that they were more restless, but to a level that you couldn’t see with the naked eye.”

MIRJAM GUESGEN

Fall Female Buyers Guide 2017

2ND ANNUAL

WESTERN CANADA’S FEMALE & CLUB CALF SOURCE

Where buyers & sellers meet by helping you find your next show heifer or quality breeding stock for the herd.

Why Should You Advertise in the Fall Female Buyers Guide

- **Massive Distribution:** (91,000) Promotes your Fall Female Sale to cattlemen across Western Canada in leading ag publications.
- **Covers All Breeds:** The only Fall Female Guide that reaches commercial cattlemen across all breeds that may not be getting the individual breed publications.
- **Unbeatable Value:** One low price gets you into all 3 publications.
- **Full Colour Ad:** Send it to us press ready or don’t have an ad, no problem, we’ll build it at no extra charge.

PUBLICATION DISTRIBUTION

OCTOBER ISSUES: Booking Deadline: Sept. 15th
Oct. 5th Issue - Manitoba Co-operator
Oct. 9th Issue - Alberta Farmer Express
Oct. 12th Issue - Saskatchewan AgDealer



WE HAVE ADDED THE WESTERN PRODUCER INTO THE MIX
Ask your Rep for more details.

For details & rate information

CONTACT

Tiffany Taylor

National Sales Representative
tiffany.taylor@fbcpublishing.com
Phone: (204) 228-0842

Mike Millar

National Sales Representative
mike.millar@fbcpublishing.com
Phone: (306) 251-0011

SPACE & MATERIAL DEADLINE:

Friday, September 15th



COLUMN

Preconditioning is good for the entire cattle industry

There are a multitude of benefits but producers need to be compensated for the extra work and risk

ROY LEWIS DVM
Beef 911



Older producers may remember a preconditioning program implemented by the provincial Agriculture Department in the 1980s.

There were criteria for procedures and shots, while veterinarians certified that procedures such as dehorning and castrating were done properly and correct pre-immunization shots were given properly. Two categories of calves (either pre-immunized or pre-immunized and weaned a specific time period) were certified preconditioned. Calves were identified with different coloured tags to distinguish pre-immunized versus preconditioned ones, and paperwork accompanied the calves so to establish credibility to the program.

The science made complete sense but the program didn't take off past a few years.

Why was this?

Well for starters, producers needed a premium for the extra work and risk that comes with weaning calves at home. However, feedlots didn't necessarily pay a premium for various reasons, including that the critical number to reaching a full pen of cattle purchased at once could not be maintained.

Then everyone started having 'preconditioned sales.' Everybody claimed their calves were preconditioned because it was the buzzword of the day. At the time, I questioned farmers when they wrote on the manifest that their calves were preconditioned, only to find out they had only been given a blackleg vaccine.

It's time for the cow-calf producer to start preconditioning calves again for the betterment of the entire industry. But they should share in the huge value added this creates.

Most of you purebred breeders do this and realize the great benefits. Please pass this information off to your bull customers. Among the multitude of benefits are reduced morbidity and mortality; decreased treatment costs; and improved weight gains and efficiencies.

It is good for sustainability as there is a reduced chance of antimicrobial resistance when less antimicrobials are used. It simply is good for a calf's health and welfare to maximize protection for respiratory disease, minimize stress, and make an easy transition to a different feed. (This also supports responsible use of antibiotics.)

More preconditioning should result in fewer calves needing treatment and/or fewer groups of calves considered high risk (so fewer metaphylactic antimicrobials will be required). Reduced stress should help maintain a healthy immune system.



PHOTO: THINKSTOCK

Preconditioning at home gives producers the option of using low-stress weaning either fenceline weaning or nose flaps (so the only thing removed initially is the calves' ability to suck). This helps motivate them to find feed and watering areas while being free of other stressors such as commingling, transportation, and bad weather. (If the forecast calls for bad winter storms, weaning can be delayed a few days.)

Castration is more and more commonly being done when calves are younger, and a good percentage of calves with horns are pasted or are dehorned with other methods long before weaning is contemplated.

If a higher premium is paid when these procedures are done in advance, cow-calf producers generally will oblige. I was not too surprised during a recent feedlot tour in the U.S. when a large feedlot sent all bulls back. The risk to castrate and losses associated with this are too great to justify performing it at the feedlot level. As an industry, we cannot afford to have all these stagi animals ending up in the feedlot.

A great number of producers' calves are already pre-immunized, but the weaning on farm has been avoided as producers have received top dollar for fresh calves right off the cow. Feedlots have been able to counteract the potential ill effects with long-acting macrolide antibiotics.

The proper principle, though,

is maximum protection from vaccines and minimal stress at weaning. If weaned early enough (45 days plus), all of a sudden compensatory gains occur and producers will be selling heavier calves. There will be much less morbidity and mortality on the farm as the result of soft weaning as well as less antimicrobials being used. And cattle will generally be healthier and gain more weight.

We need consistency in both preventing diseases with vaccinations and the length of time of weaning. Pharmaceutical companies have been one of the drivers of this. The only thing here is the companies that have promoted this have trade names for programs or tie them to specific products. Melding of different vaccines from different companies is OK as long as efficacy is comparable. In Western Canada at least, vaccines against the common viral pathogens for pneumonia (IBR, Types 1 and 2 BVD, BRSV, PI3); as well as the common bacterial pathogens (histophilus, pasteurella, mannheimia); and, of course, a seven- to nine-way blackleg vaccine are commonly used.

If the right combinations are selected, these preventive measures can be combined in no more than two shots. More and more top producers are already giving the priming shots at turnout to pasture so only the booster is required at weaning. Therefore a very

high percentage of calves are already partially pre-immunized at weaning.

There are other important preconditioning procedures (besides the obvious deworming and treating for lice). More and higher worm counts are being detected (especially at pasture or on entry to the feedlot) and we are seeing resistance to the macrocyclic lactone-type products. In the future then, both deworming with an oral product like fenbendazole (Safe-Guard) while still using the macrocyclic lactone products (such as Ivermectin) for lice, flies, and warbles should be included in any good preconditioning program.

Most producers almost always precondition their replacement heifers, so this simply means applying the same principles to all their calves.

As well, heifers could be sold certified open whether they were pregnancy checked or the bulls pulled early. Bred heifers cause a great economic hardship in the feedlot and calving heifers in the feedlot greatly increases death loss, sickness, and dressing percentage loss.

With retained ownership, all these procedures are a no-brainer.

The key is to what degree the cow-calf producer is compensated when selling these certified calves. Direct shipping will maximize the gain both parties receive and a fair price can be set plus home-

raised cattle could implement the feedlot's implant program (or implanting and identification may be the only thing left to do as the cattle enter the feedlot).

It has been found in slaughter animals, that many more calves have lung adhesions at slaughter than were actually treated. This indicates many calves deal with a low-grade pneumonia and adhesions lead to poorer performance. Since adhesions are caused by respiratory disease, anything that prevents them is a good thing as far as cattle production is concerned.

Fewer sick cattle means less death loss and chronic cases of illness. Production will be increased and there will be less reliance on the metaphylactic administration of antibiotics if preconditioning can again gain momentum and producers compensated for the extra cost of vaccines. We can then produce more beef more efficiently for the world's growing population.

Happy preconditioning this fall. If you do it, make sure to tell everyone including marketers and auction markets. Direct auctions and some auction market specialty sales describe the cattle very well, including their health parameters, so utilize them.

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.

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.

Slow warming trend expected

Issued Friday, August 4, 2017 · Covering: August 9-August 16

DANIEL BEZTE
Weather Vane



Last week’s forecast quickly fell apart, at least from the point of view of temperature, as the upper low that brought some much-needed rain to western regions also altered the upper-level flow.

The upper low combined with the building ridge of high pressure over extreme western North America shifted our flow from west-northwesterly to more of a northwesterly northerly flow. This allowed much cooler air to work into our region, especially in the upper atmosphere. While high pressure mostly dominated at the surface, as expected, the cooler upper-level air allowed for afternoon clouds along with the odd shower or thundershower to develop.

Before we get into this week’s forecast I should mention that confidence in it is lower than usual since I had to write it four days earlier than normal as a result of the long weekend. That said, I figured I’d give it the old college try anyway!

For this forecast period it looks like we’ll continue to be slightly cooler than average, with daytime

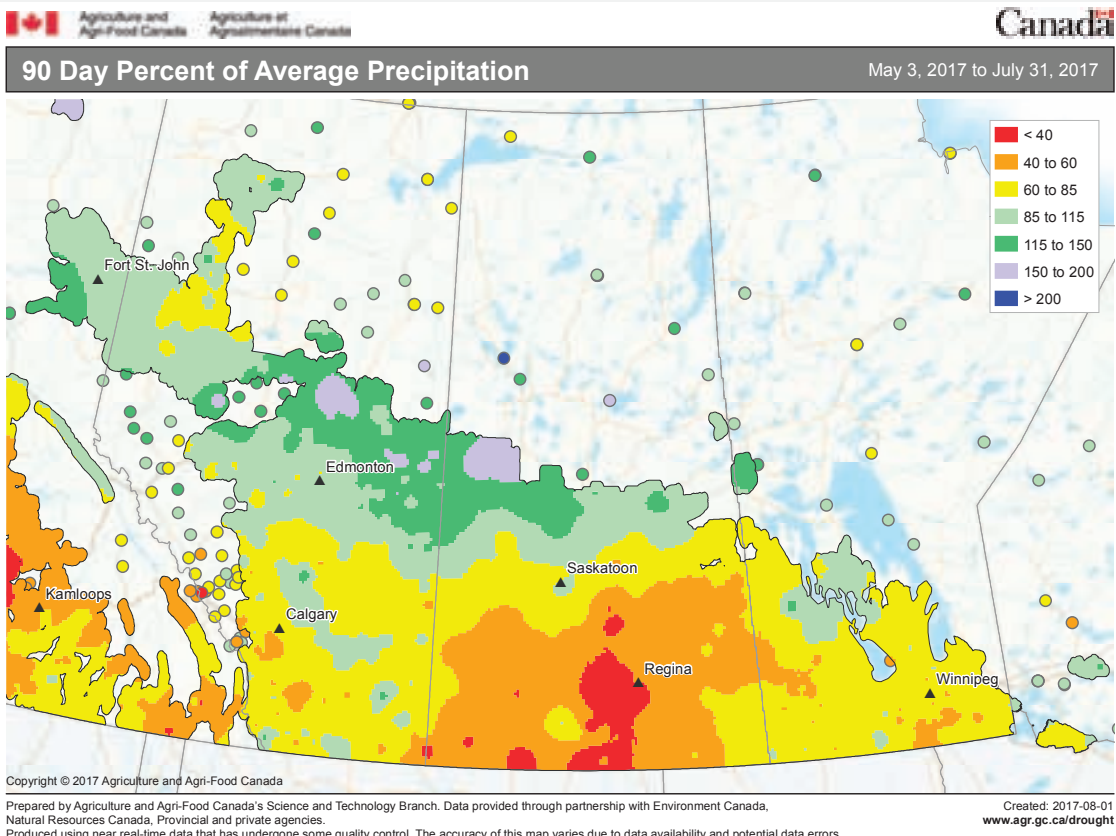
highs in the low 20s and overnight lows around the 10 C mark or even a little cooler. By later in the week a large area of high pressure is forecast to build across the Prairies, stretching from northern Alberta southeastwards into the central U.S. This high should bring mainly sunny skies along with slowly warming temperatures, as warmer air slowly gets pulled up from the south on the western side of the high and then wraps itself around the high. We should see temperatures in the mid-20s by Friday or Saturday with mid- to upper 20s expected over the weekend.

This high is then expected to weaken and move off to the east early next week. This will open the door for several weak systems to begin pushing in from the west. With plenty of warm air and humidity in place we can expect to see scattered showers and thundershowers during this period. That said, this far out, confidence in the timing of these systems is very low.

Usual temperature range for this period: Highs: 20 to 29 C, Lows: 8 to 14 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



This issue’s map shows the total amount of precipitation that fell across the Prairies during the 90-day period ending on July 31. From the map you can see that the northern edges of the agricultural Prairies have seen near-average amounts of rainfall, with only a small area north and east of Edmonton seeing above-average amounts. The remainder of the Prairies have seen dry conditions over this period, with Saskatchewan being the hardest hit.

A detailed look at Prairie heat and rainfall

It has been hot and dry across much of the region, but there’s variation within that trend

BY DANIEL BEZTE
Co-operator contributor

There have been more and more news stories coming out about the hot and dry conditions across the Prairies so far this summer, especially across Alberta and Saskatchewan. I figured we should take a little time to look at what has been happening weather-wise across the agricultural Prairies to see just what’s been going on.

I took a look at the monthly data for the major centres across the Prairies in regards to temperatures and precipitation over the last three months. Below are the results. I have ranked or ordered the results in several different ways.

The first table is ranked by overall mean or average temperatures during May, June, and July. Looking at the table you can see that overall, Saskatchewan was the warmest, followed by Manitoba and then Alberta.

The second table reorders our locations, based on how much each site’s average temperature differed or deviated from the long-term average temperature for that location. Looking at this table we see that Alberta is now the warmest region, with Saskatchewan

Avg. Temp (°C) / Diff. from Avg.		
Regina	16.1	0.6
Saskatoon	15.9	0.7
Winnipeg	15.8	-0.3
Dauphin	15.5	0.5
Brandon	15.3	0.3
Calgary	15.1	1.8
Peace River	14.5	1.0
Edmonton	14.4	0.9

coming in second and Manitoba last.

The third table looks at precipitation and I have ordered the data by the total amount of precipitation that fell at each location. Looking at the data you can see that the regions that saw the most rainfall were the more northern regions of the agricultural Prairies, with southern Alberta and southern and central Saskatchewan seeing the least precipitation.

Reordering the data to show rankings comparing total precipitation to the long-term average for each location, or how much each station differed from their respective average, you can see that Regina has been remarkably dry compared to average, with a deficit of 137.5 mm of rain. Calgary also comes in very dry compared to the long-term average. The order then

Avg. Temp (°C) / Diff. from Avg.		
Calgary	15.1	1.8
Peace River	14.5	1.0
Edmonton	14.4	0.9
Saskatoon	15.9	0.7
Regina	16.1	0.6
Dauphin	15.5	0.5
Brandon	15.3	0.3
Winnipeg	15.8	-0.3

Total Ppt (mm) / Diff. from Avg.		
Dauphin	206.6	-3.4
Edmonton	198.0	-19.7
Winnipeg	146.8	-72.1
Peace River	142.0	-28.0
Brandon	128.0	-85.2
Calgary	126.2	-90.1
Saskatoon	102.7	-66.4
Regina	51.7	-137.5

Total Ppt (mm) / Diff. from Avg.		
Regina	51.7	-137.5
Calgary	126.2	-90.1
Brandon	128.0	-85.2
Winnipeg	146.8	-72.1
Saskatoon	102.7	-66.4
Peace River	142.0	-28.0
Edmonton	198.0	-19.7
Dauphin	206.6	-3.4



PHOTO: THINKSTOCK

changes up a little bit with both Brandon and Winnipeg, which were higher on the list of total rainfall, now coming in as the next driest compared to average.

Hopefully this helps to shed a little bit of light on what has been going on weather-wise across the Prairies over the last

few months. I also hope that looking at the data in a couple of different ways helps to put things into perspective. Regina, no matter how you look at it, has had a hot and dry last three months. Calgary, while dry, was not that warm overall, but compared to average it was the warmest region on the Prairies. So, when it comes to weather, pretty much everything is relative. What is warm in one place can be downright hot in another.

I’ve received a few interesting questions lately regarding humidity and relative humidity, so we’ll take a look at that in our next issue.

When it comes to weather, pretty much everything is relative. What is warm in one place can be downright hot in another.

CROPS

HUSBANDRY — THE SCIENCE, SKILL OR ART OF FARMING

To till or not to till? For soybeans that’s the question

The Westman Agricultural Diversification Organization is testing out planting dates and pre-seed tillage systems in its latest round of soybean experiments

BY ALEXIS STOCKFORD
Co-operator staff

Conventional wisdom says to break out the harrow before planting soybeans, the better to expose black earth and warm the soil, but new research is putting that assumption to the test.

Dr. Yvonne Lawley of the University of Manitoba is measuring the effect of seeding date and different tillage systems on soybeans through several regions of the province.

“We see soybeans moving into areas where we have predominantly no till,” Lawley said at the recent field day at the Westman Agricultural Diversification Organization (WADO) site near Melita, where some of her plots are located this year.

“My concern is that we’re forgoing soil management to make this new crop work.”

Growing crop

Once a rare sight in the province, soybeans have become one of the most popular crops in terms of acres seeded this year, driving the need for more research.

This summer is the second and final year of Lawley’s project. The experiment tests both an early and late seeding date under three systems: no till, strip till and conventional disc tillage.

In 2016, test sites in Carman showed little difference in yield between tillage systems at either early or late seeding dates, while disc tillage pulled ahead in Melita’s early-seeded plots. Yields in Melita’s conventionally tilled plots easily topped 30 bushels per acre, followed closely by strip tillage while no till trailed at just over 25 bushels per acre.

Later-seeded plots, however, performed well in southwest Manitoba when planted into standing stubble, yielding the highest of the three tillage systems.

“I think what surprises me the most is probably the difference between the tillage treatments in 2016 versus 2017 where we have



Dr. Yvonne Lawley of the University of Manitoba presents initial data in front of her newest line of plots evaluating the impact of tillage on soybeans. PHOTO: ALEXIS STOCKFORD

very different environmental conditions,” Lawley said.

Wet conditions in 2016 have been replaced this spring and summer by dry weather. While not as dry as central Saskatchewan, most of Manitoba’s agricultural landscape has received just 60 to 85 per cent of average precipitation.

“In 2016, we saw that our conventional-till treatment had good stand establishment — like our strip-till treatment — compared to the no till, but then this year we had really dry conditions during soybean emergence. We saw the complete opposite, where we had good conditions in no till,

and probably the best conditions in our strip-till treatment again — that’s at least consistent between the two years.”

Moisture for emergence

Conventional tillage, however, struggled in 2017 as the same disturbance that exposed black soil also dried out already thirsty plots.

Disc-tilled plots showed by far the lowest plant establishment of the three early-seeded tillage systems, hovering around 2,000 plants per acre, compared to well over 6,000 plants per acre in zero-tilled soils and well over 8,000 plants per acre in strip-tilled plots.

In contrast, late-planted plots hovered roughly between 4,000 and 5,000 plants per acre in all three systems, with disc tillage having the highest plant density and no till, the lowest.

“Later plantings, it didn’t really matter. It was all about soil moisture for emergence,” Scott Chalmers, crop diversification specialist with Manitoba Agriculture and WADO manager, said. “Conventional tillage was the wrong practice to do in this situation this year. It just dried everything out and that also hap-

See **TILL OR NOT TO TILL** on page 18 »

Taking performance to new heights.

NEW Pioneer® brand A-Series Soybeans Are Here!

NEW Pioneer® brand A-Series soybean variety **P007A90R** is built for Manitoba. Based on our Accelerated Yield Technology, this soybean variety delivers excellent harvestability and high yield potential.

To find out more, talk to your local Pioneer Hi-Bred sales representative or visit: pioneer.com/Canada

2450 heat units

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Glyphosate herbicides will kill crops that are not tolerant to glyphosate. Varieties with the Glyphosate Tolerant trait (including those designated by the letter "R" in the product number) contain genes that confer tolerance to glyphosate herbicides. Pioneer® brand products are provided subject to the terms and conditions for purchase which are part of labeling and purchase documents. © 2017, PHIL.

TILL OR NOT TO TILL
Continued from page 17

pened to us in the corn plots this year. We just couldn't find moisture because we tilled to get the fertilizer in."

Lawley's research also showed that strip-tillage soil warmth topped out both other treatments in the first 14 days after planting this year. Lawley counted accumulated degrees over 10 C at planting depth and noted daily peak temperatures in particular were warmer under strip tillage.

"When you're using strip till, there's a round, kind of concave surface, and that rounded surface catches more solar radiation than a flat surface, which is typically left in the conventional till," she said. "In one experiment where we were working with corn residue and we had a really rough surface and essentially had peaks and valleys, there we saw similar trends."

The effect may be temporary, since press wheels after seeding flatten the berm, she added.

How early is early?

Across the field from Lawley's WADO tillage trials, soybean and pulse research agronomist Kristen MacMillan, also of the University of Manitoba, is testing four planting dates starting in late April and progressing roughly every 10 days.

"The traditional recommendation is waiting until it's 10 C and the risk of frost has passed. Farmers have already tested that recommendation and they've had success in some areas, so before farmers in every region of Manitoba who are growing soybeans go out and plant the last week of April or the first week of May, we want to test it, because it can be risky," she said.

MacMillan planted both

"We see soybeans moving into areas where we have predominantly no till. My concern is that we're forgoing soil management to make this new crop work."

DR. YVONNE LAWLEY
University of Manitoba

an early- and late-maturing variety at each date and the experiment has been replicated in a number of regions, including Arborg to the north and Carman and Morden in south-central Manitoba.

"This is just the first year of the trial, so I don't have any yield data, but we've looked at growth staging and flowering," MacMillan said.

Plants at both Arborg and Carman began flowering in the same short window, regardless of seeding date, initial results showed.

"They're short-day plants," MacMillan said "As soon as that summer solstice hits on June 21, they'll generally start to flower within a week or two after that, so the flowering window across the seeding windows has been only about 10-12 days, which is not necessarily surprising, but it's just kind of interesting that we have a 35-day seeding window, but they're all flowering within 10-12 days of one another."

Biomass and canopy closure is also being measured at flowering, part of MacMillan's quest to determine if growth staging at anthesis can predict final yield performance.

astockford@farmmedia.com



Kristen MacMillan gives field day attendees a sneak peek into the first year of her research on soybean seeding dates July 25 near Melita. PHOTOS: ALEXIS STOCKFORD



Manitoba Agriculture diversification specialist Scott Chalmers addresses the crowd during the Westman Agricultural Diversification Organization tour July 25.

4-H'ers dig into soil health policy and education

Soil health was a repeat topic as 4-H members from around the world turned their attention to sustainable agriculture and food security

BY ALEXIS STOCKFORD
Co-operator staff

It's time to think about what lies below our feet.

That was the message delegates from 35 countries received from multiple speakers at the recent Global 4-H Summit in Ottawa.

Soil health emerged from several workshops during the third day of the July 11-14 conference, themed around sustainable agriculture and food security.

Syngenta Canada, also the sponsor of the day, was looking for 4-H member perspective on their incoming soil health kits, to be developed and distributed as part of a recently renewed partnership with 4-H Canada.

The agreement will also target sustainable agriculture and food security, Chris Davison, Syngenta Canada head of corporate affairs, said.

The company has previously backed programs such as the pollinator-friendly "Proud To Bee a 4-H'er."

Syngenta's summit workshop attendees were asked to share soil issues from their regions, suggest kit composition and identify topics that the kits and surrounding education should cover.

"I think what struck me was the engagement and the passion of the people in the room," Davison said. "The reason we structured the session the way we did is that when we partner with organizations like 4-H... we want to partner in a way and develop resources that are going to be meaningful, effective and utilized by the membership and the individual clubs across the country and I don't think there's a better way to do that than solicit the input of the people who are on the ground who are either part of those clubs or running those clubs."

Kits will be released in Canada although session attendees ranged from across North America and overseas.

"I think everybody is working towards a common cause and there's some great suggestions that came out of this room," Clare Wooding, Syngenta Canada internal communications specialist, added. "There were some amazing perspectives that were shared on what people are doing to address the challenges of soil health from many different types of production."

Feedback from the Global 4-H Summit will be used to develop the final kit, the two Syngenta Canada representatives said. Davison expects the company will analyze material from the brainstorming session and confer with 4-H Canada before development.

Davison expects the project to be one of several born out of the agreement.

No release date for the kits has been announced.

Manitoba represented

Clayton Robins, an avid cover crops advocate, Nuffield



Delegates discuss soil health issues, solutions and what should be included in a hypothetical soil health kit during a breakout session of the Global 4-H Summit. PHOTOS: ALEXIS STOCKFORD



Manitoba presenter Clayton Robins (right) speaks to delegates following his July 13 talk.

"I think everybody is working towards a common cause and there's some great suggestions that came out of this room."

CLARE WOODING
Syngenta Canada internal communications specialist

scholar and one of several Manitoba presenters at the four-day summit, also focused on soil and its role in climate policy.

"Initially, it was talking about the whole concept of critical thinking and how we apply that with the overwhelming amount of information that comes to us these days," he said. "So, it was really targeted towards the young adults in this conference and initially, really, around the concept of climate change. As we know, there's some very conflicting information around climate change, from what's been measured to what's being predicted."

Robins presented soil health as a possible tool for improved sustainability and combating climate change.

"Regardless of what you're driven by, it's a good thing to do because it's been so badly degraded," he said.

Some progress has already been made, according to a 2015 report developed for the UN Food and Agriculture Organization (FAO) International Year of Soils. Soil erosion and soil salinity risk in the Prairies decreased from 1981 to 2011 and organic matter rose due to better land use and management, including 4.8 million more hectares of permanent cover in agricultural areas, the report said. As of 2011, 85 per cent of the agricultural Prairie region was considered to have very low risk of salinization.

Within Manitoba, however, pockets of moderate or higher risk remained in southwest and south-central regions. Western Manitoba also noted large increases in soil carbon from 1981-2011, although much of central and eastern Manitoba saw little change.

Compaction was still noted as a concern in wetter soils and nutrient imbalance — in particular, its effect on water quality and Lake Winnipeg — got special mention in the report. The FAO also noted a lack of soil biodiversity monitoring.

Robins introduced his listeners to the "Soil Your Undies" campaign, a project introduced by the Innovative Farmers of Ontario and later adopted by the Soil Conservation Council of Canada and Canadian 4-H'er Michael Jones, who earned a trip to the 2016 Canada-Wide Science Festival with an experiment based off it.

The campaign buries cotton underwear for two months and measures biological activity through decomposition.

Robins was not handing out underwear, but session attendees were handed swatches of cotton to be used for the same purpose.

"We all agreed to bury them on July 21 and dig them back up on Sept. 15 on the Friday evening and share our photos around on Instagram with the hashtag for the conference," Robins said.

The summit adopted the hashtag #Global4HSummit for the week.

Most youth attending his session were North American born, Robins said, although some intercontinental adults attended and may be sharing experiment results from more exotic soils come September.

"It wasn't about changing the world. That's hard for people to do," Robins said. "My challenge to them today was, 'Go home and change the conversation.'"

astockford@farmmedia.com

END OF DAY



The sun says good night recently at Clear Lake, as holidaymakers enjoy the last few rays. PHOTO: LES RANKIN

Goss’s wilt makes its first appearance of the year

Goss’s wilt in corn and Phytophthora root rot in soybeans have been among the pathogens noted in the provincial disease and insect updates

BY ALEXIS STOCKFORD
Co-operator staff

Reports of Goss’s wilt in corn are early, but not surprising, according to Holly Derksen, field crop pathologist with Manitoba Agriculture.

One infection was reported near Austin, followed by reports of the disease near Morden.

“Which is not surprising at all,” Derksen said. “We have it everywhere every year, but especially in the Morden, Altona, Carman area, it’s usually quite evident.”

The pathogen commonly presents as tan or grey, often shiny, discolourations on leaf edges, according to the July 26 Manitoba Insect and Disease Update. Lesion edges may appear water soaked or display freckling.

“This sheen is a result of the exudate (exuded fluid) released by the bacterial causal agent. Fungicides are not effective against Goss’s wilt as it is caused by a bacterium,” the update read.

Manitoba Agriculture recommends that producers control Goss’s wilt through crop rotation, variety resistance and residue treatment, although Derksen noted that the latter is difficult.

“I don’t think it’s anything that they aren’t already doing, honestly, for corn,” she said. “Corn residue is hard to deal with. Corn growers are typically using tillage already and things like that.”

The wilt may have yield implications, she noted, but added that total yield loss would depend on the severity of the infection.

“We have had a few years in Manitoba where we definitely have had fields where we have seen, probably, a yield impact and those are often fields that



Corn leaves display the lesions associated with Goss’s wilt. PHOTOS: MANITOBA AGRICULTURE



“We have it everywhere every year, but especially in the Morden, Altona, Carman area, it’s usually quite evident.”

HOLLY DERKSEN
Manitoba Agriculture field crop pathologist

have often had hail damage,” she said.

Hail, sand blasting, wind damage, insect feeding or any other wounds allow the bacteria easier access to the plant and increases susceptibility, she added.

The pathogen is typically observed along edges of the field.

Root rot

Suspected Phytophthora root rot (PRR) continues to be on the list of pathogens causing problems in Manitoba fields this year.

The disease may cause symptoms in up to 50 per cent of soybean plants and eliminate yield from those plants, the Aug. 2

Manitoba Insect and Disease Update said.

Infections may cause problems for years to come in an infected field and rotations may be insufficient to manage the disease as spores can survive in the soil for years, Manitoba Agriculture notes.

“Seed treatments can be used to manage disease early in the season, and resistant varieties are key to managing PRR,” the province’s website says.

Four distinct races of PRR have been identified in Manitoba and the provincial government has published a list of associated resistant varieties in the Aug. 2 insect and disease update.

astockford@farmmedia.com

DO YOU RECYCLE YOUR PESTICIDE CONTAINERS?





One in three Canadian farmers don’t return their pesticide containers for recycling. Are you one of them?

See how to rinse and recycle your pesticide containers the right way at cleanfarms.ca

COUNTRY CROSSROADS

CONNECTING RURAL FAMILIES

John Deere in pioneer Manitoba

Deere’s Prairie distribution was performed by a local company in the early years of the wheat boom

BY ALEX CAMPBELL
Manitoba Agricultural Museum

The John Deere Company’s involvement with Manitoba agriculture began with an initial shipment of plows and other cultivation tools to Winnipeg in April of 1878.

However, it is suspected that previous to 1878, homesteaders in Manitoba had bought implements in the U.S., including John Deere implements and brought the equipment to Canada. At the time many homesteaders felt that U.S. implements were of a higher quality than Canadian.

Initially, John Deere equipment was sold through a wholesaler, Westbrook and Fairchild, a very common practice at the time by machinery manufacturers. Westbrook and Fairchild obtained implements from John Deere and other manufacturers and resold these items to various dealerships in the country that then sold them to farmers. While this is a strange way of operating by modern thinking, one has to remember that implement manufacturers at the time built a limited number of items. No farm machinery manufacturer built a complete line of equipment at the time.

In 1878, John Deere only manufactured various models of plows, cultivators and harrows. So the dealers that sold John Deere equipment had to sell other manufacturers’ machinery as well in order to meet the needs of their customers. Wholesalers also offered cheaper distribution costs to the manufacturers.

Frank A. Fairchild came to Manitoba from Illinois, accompanying a rail car load of John Deere plows and a number of horses in April 1878. While F.A. Fairchild had been in Illinois long enough to get married there, he was born in Ontario and had clerked in a dry goods store in Dundas, Ontario. He somehow became acquainted with Henry Westbrook in Winnipeg and they formed a partnership operating in the Market Square area of Winnipeg selling farm equipment. By 1881 they had expanded in the wholesaling business and handled John Deere, J.I. Case and McCormick farm equipment.

The partnership between Westbrook and Fairchild lasted until 1888 at which time Fairchild formed a wholesale business of his own handling equipment from John Deere, Deering, the Gananogue Carriage Company, the Moline Wagon Company and the Lundy and Fairchild Company. It is not known what connection there was between F.A. Fairchild and the Lundy and Fairchild Company, which manufactured the F&A “Band Cutter and Feeder” which probably was a machine which cut up a sheaf of grain into livestock feed



Frank A. Fairchild made his fortune as an early farm equipment distributor serving the Prairie wheat boom.

Frank A. Fairchild came to Manitoba from Illinois, accompanying a rail car load of John Deere plows and a number of horses in April 1878.

and may even have been hand-powered. Fairchild had a showroom in the Grain Exchange Building on Princess Street in Winnipeg.

Agriculture in Manitoba from 1895 to 1914 benefited from the wheat boom in this period and Fairchild prospered. However, Fairchild passed away in 1898 at the age of 49. The Fairchild Company was then sold to H.W. Hutchinson who continued on with the business using the Fairchild name. In 1904, the Fairchild Company obtained a vacant lot on Princess Street south of the Grain Exchange Building. Plans were drawn up for a multi-storey warehouse and showroom. Construction was completed by 1907 on this 63,000-square-foot building.

The Fairchild Building was one of the first warehouses to feature a steel frame and presented an attractive appearance as the curtain wall facing Princess featured a red brick trimmed with stone and terra cotta detail work. The showroom faced out on to Princess and featured very large windows to display the goods Fairchild wholesaled. The rear wall of the building was almost all windows which allowed natural lighting of the warehouse, workshop and shipping areas. There was a CPR spur that ran between Princess and Adelaide streets which provided rail access to the rear of the Fairchild Building.

Upon completion of the Fairchild Building the company was sold to the John Deere Company. Apparently Hutchinson had been in negotiations with John Deere for four years regarding the pos-



Today the former Fairchild Building is now a residential building featuring loft apartments. PHOTOS: MANITOBA HISTORICAL SOCIETY

sible sale of Fairchild. The John Deere Company formed a subsidiary, John Deere of Canada, and hired Hutchinson to operate it.

By this time, attitudes at John Deere were changing about the wholesaler network the company was using in North America. From 1870 onwards, John Deere had set up a number of “branch houses” across the western U.S. These branch houses were not owned by John Deere. Instead the branch houses generally were owned by partnerships between various individuals in the John Deere Company such as Charles Deere and Stephen Velie and locals in the area that the branch house operated in. This was not a fixed rule however, as the San Francisco branch house was owned outright by a local family.

The John Deere branch houses operated as wholesaler jobbers — that is the branch house took possession of the machinery it wholesaled and paid the John Deere company for it. And the branch houses wholesaled other manufacturers’ machinery. In 1908 one branch house was wholesaling Deering equipment at a time when the John Deere Company was very concerned about IHC, which Deering was a part of. The formation of IHC at the turn of the century had resulted in a revolution in the farm machinery business as IHC offered a complete line of farm equipment, was adept in marketing, offered financing to farmers, had strong financial backing and was very aggressive.



By 1907 people were beginning to realize that wholesalers presented problems when wholesaling technologically complex products which were costly, required demonstration, servicing and ongoing followup. A company-owned distribution network was better at these tasks. By 1907, farm machinery was becoming more technologically complex. John Deere slowly began to wrap up the various partnerships, folding the branch houses into the John Deere Company. John Deere also began to buy up many of the companies that wholesaled its equipment through the various branch houses which resulted in the Dain, Van Brunt, Moline Wagon, Bain Wagon and others being folded into the John Deere Company. Dain is notable as Dain operated a Canadian branch plant at Welland, Ontario which John Deere of Canada operated for a number of years.

The Fairchild Company appears to have been part of this drive to bring the wholesaler network into the John Deere company. As well as the Winnipeg operation, Fairchild had facilities in Regina, Calgary and Edmonton making Fair-

child very attractive, particularly in light of the wheat boom and ongoing expansion of Prairie agriculture. John Deere conducted business out of the Fairchild Building until 1953, when it moved to facilities more suitable to the larger farm equipment being built by then. The Fairchild Building was purchased by a garment manufacturer which used it to manufacture clothing. The manufacturer also rented out space to other companies.

In 2004 a developer purchased the Fairchild Building, converted it to residential lofts and today the building is known as the Fairchild Lofts. Terra cotta plaques featuring the Fairchild Company logo, an ornately intertwined FC, still adorn the front of the building.

2017 is the 180th anniversary of John Deere.

The Manitoba Agricultural Museum is open year round and operates a website at <http://ag-museum.mb.ca/> which can provide visitors with information on the museum and the reunion including location and hours of operation.

Alex Campbell is executive director of the Manitoba Agricultural Museum.

COUNTRY CROSSROADS

Prairie fare



Make some memories with picnics

Summer is picnic season and we should all enjoy this tradition

BY JULIE GARDEN-ROBINSON
NDSU Extension Service



I remember the picnics of my youth. I looked forward to visiting a picnic site at a lake or park. Preparing all the food, loading the food in coolers and packing the lawn chairs in the trunk was part of the adventure. As a little girl, I thought that picnics required blankets, so I usually grabbed one and stuffed it in the trunk. When the ants found me on the blanket at the picnic site, I retreated to one of the lounge lawn chairs with green strapping. If you sat incorrectly, the lawn chair collapsed and swallowed you in its jaws like a large, green alligator. Actually, I liked making my lawn chair fold up until I was told to “sit nicely.” We always had homemade lemonade with slices of lemon floating on top. I remember the sound of the ice sloshing in the beverage cooler as we drove and the refreshing flavour of ice-cold lemonade in the warm sun. We usually had potato salad, chips, hotdogs on the campfire and watermelon. As I explored my personal history of picnics, I pondered the origin of picnics. Turns out, books have been written about picnics, and their history goes back hundreds of years. In Victorian times, picnics were elaborate outdoor feasts enjoyed by the wealthy. Photos from the mid-1800s show families in their finest clothing dining outdoors with white tablecloths and stemmed glasses. The photos show large wicker hampers placed near the less-than-giddy guests. In the early photos, men in suits and women and girls in long dresses stood like statues with sober expressions. Back then, the subjects of photos waited for the blast and puff of smoke indicating the photo had been taken. No one had a “selfie stick” to attach to their cellphone for impromptu picnic photos or videos to stream live online to all your friends. I hope the early folks were smiling after the photograph was taken, or these were grim events. Because picnics were outdoor celebrations for the wealthy, their servants probably were scurrying about getting the food ready. The word “picnic” first appeared in English dictionaries in 1748, but the history has been traced back to hunting feasts of the 1400s. Originally, picnics were more like “potlucks,” where everyone brought a portion of the meal



A picnic is a great way to spend time with friends and family. PHOTO: THINKSTOCK

to share in an outdoor setting. The menus served at early picnics varied from elaborate multi-course meals to simple fare, such as bread, cheese, fruit and wine. Now we enjoy these casual outdoor meals anywhere, usually with simple foods on the menu. We can pick up food on the go and take it to the site without lifting a finger in the kitchen. If you decide to pack a picnic, keep a few tips in mind:

- Grab a cooler or two. Ditch the old-fashioned wicker picnic basket; instead, bring a large cooler that can store all your foods at a safe temperature. Be sure to keep all perishable items, such as salads, cut fruit and vegetables and meats, cold.
- Have a separate cooler for raw meat to avoid cross-contamination. Put ice on the bottom and around the sides of the cooler. Larger blocks of ice melt less quickly than cubes.
- Ditch the high-calorie fare. Because mayo adds unnecessary fat to your picnic spread, try alternatives such as vinegar-and-oil dressings, avocado or pesto spreads, honey mustard or hummus. Pack some apples, oranges, melons and grapes. Whole fruits are less perishable than cut fruits.
- Try simple, healthful options such as replacing the potato or macaroni salad with fresh fruit or veggies. Try apple slices and peanut butter dip, carrots and peppers with hummus, sandwiches or wraps, or hard-cooked eggs.

- Use reusable containers instead of plastic baggies to reduce waste. These limit garbage, simplify storage, are eco-friendly and help keep our beaches, parks and pavilions clean.
- Try soda alternatives such as water. If you have a sweet tooth, add a little fruit juice or lemon slices to your water bottle for a punch of flavour.
- Make sure you have a good source of shade to protect yourself and your family from the harmful rays and dangerous heat that the sun may bring. In addition, always remember to pack some sunscreen.
- Have fun. Plan activity ideas such as hiking, Frisbee, a scavenger hunt, bocce ball or a variety of other games best played under a blue summer sky. Earlier this summer, I treated my family to the flavour of freshly squeezed lemonade sweetened with a simple syrup. The pitcher of lemonade disappeared quickly. This recipe is easy to scale to the amount you need. It’s a 1:1:1 ratio for water, sugar and freshly squeezed lemon juice. On average, one lemon has 2 tablespoons of juice, depending on the size of the lemon, so you would need about eight lemons to make this recipe. For an old-fashioned flair, serve this refreshing beverage in pint-size canning jars with ice and lemon slices.



Fresh-squeezed lemonade adds flair to a picnic. PHOTO: ROB BERTHOLF/FLICKR

Homemade lemonade

- 1 c. water
- 1 c. sugar
- 1 c. freshly squeezed lemon juice
- 8 c. cold water
- 2 c. ice cubes
- Lemon slices
- Mint leaves (optional)

Rinse lemons, then cut in half and squeeze. Remove seeds. Bring 1 cup of water to a boil and add sugar. Stir until dissolved and allow to cool in refrigerator. Mix lemon juice and remaining water in a large pitcher or other container, add sugar-water mixture and stir well. Add ice. Garnish with fresh mint leaves if desired. Serve.

Each serving has 80 calories, 0 grams (g) fat, 0 g protein, 22 g carbohydrate and 0 g fibre.

Julie Garden-Robinson is a North Dakota State University Extension Service food and nutrition specialist and professor in the department of health, nutrition and exercise sciences.

COUNTRY CROSSROADS

New apple press starts operations near Winkler

Burwalde Juice Co. owner expects business to be brisk

BY LORRAINE STEVENSON
Co-operator staff/Near Winkler

A new Manitoba farm-based company offering apple pressing for backyard growers expects to start operations this week.

Burwalde Juice Co., located on a farm north of Winkler, is the newest apple press providing cold-pressing, pasteurizing and bottling services to those who drop off loads of apples to be made into cider.

They purchased the press from a Winnipeg-based business, the Cramptons, who ran the press only for one season, faced with time constraints and other restrictions trying to operate an apple press inside city limits, explains Marcus Wiebe, the Winkler-area vegetable grower who launched Burwalde.

Wiebe knew demand was intense at peak season for apples — and Manitobans have definitely acquired a taste for cold-pressed apple cider. Knowing the Cramptons’ limitations to operate the press and wanting to diversify their own farm’s income, he jumped at the chance to take it over, he said.

“They (Cramptons) offered it to us and we looked at the numbers and said ‘we think we can do this,’” he said.

The business will offer a convenient pickup site for apples and will drop off fresh-pressed juice for Winnipeg and Winkler customers, he said.

The new business’s website includes details, sites, times and dates customers can drop off apples and return a



Marcus Wiebe was in the final stages of getting a new apple press operational last week. The Winkler farmer expected to start pressing apples for new customers this week. PHOTO: LORRAINE STEVENSON

couple of days later to pick up their orders of two-litre jugs of juice.

They’re offering the drop-off service for customers’ convenience but it also fits well with their own regular delivery trips of farm-grown vegetables to Winnipeg, said Wiebe. Customers can also book a time for pressing and drop off apples directly at their farm.

Word an apple press is operating again is good news for all those who’ve come to anticipate the first sip of cold-pressed apple juice as abundant apples ripen during midsummer.

Apple presses have created a high-

value product out of backyard and surplus apples that might otherwise have gone to waste, and it’s been a high-demand service among other operations. But pressing has had its share of challenges over the years too.

Until 2014 many took apples to Apple Junction at Landmark but in the early spring that year faulty wiring led to a fire burning down the building housing the press. That left nowhere to get apples pressed for two seasons until the Cramptons made the service available again for the summer and fall season of 2016.

“Lots of people are saying they’re excited to get their apples pressed again.”

MARCUS WIEBE

“Lots of people are saying they’re excited to get their apples pressed again,” Wiebe said. He’s also anticipating large-volume orders for juice this fall.

It takes approximately 15 lbs. of apples to produce one four-litre jug of juice so the Wiebes ask that customers cite the amount of apples they have when booking a pressing. That helps them gauge how much time to allow to process an order for cider, but no one need have large volumes to book a pressing.

“Our customers will be anyone who has trees,” he said, adding there is no minimum order size. Cider will also be available for purchasing for those who don’t have any apples.

The Wiebe family farm doesn’t have any of its own apples right now. Deer decimated about 50 apple trees they once had, Wiebe said.

“But if this goes well, I’ll have to plant some more apple trees.”

More information and forms for booking a pressing at Burwalde Juice Co. are found at www.burwaldejuice.com/.

lorraine@fbcpublishing.com

Using a chair in the landscape

Perfect to enhance a mood or create a theme in the garden

BY ALBERT PARSONS
Freelance contributor

A chair is such a common thing that we take it for granted and don’t really pay much attention to it. This was not always so. Although chairs date back to ancient times, it was not until the 16th century that they began to be used in homes. Before that time, including in ancient Roman and Greek civilizations, they were reserved for ceremonial purposes and were very ornate and elaborately decorated. Common folk made do with benches, tree stumps, and crates.

We gardeners are always looking for objects to add interest to the landscapes, and chairs are perfect to enhance the theme and mood of a garden. One of the most popular types to be used is the willow chair. Willow chairs contribute to a rustic, naturalistic mood and many rural gardens — which tend to be less formal than many urban landscapes — benefit from having one included in the landscape. It could be tucked into a corner among shrubbery or perennials to make it appear that it has sat there for a long time. Alternately, it can become a significant feature by displaying it prominently, perhaps paired with a



An old dining room chair holding a succulent planter creates interest in the garden. PHOTOS: ALBERT PARSONS

few decorative containers and having an attractive background to make it stand out. Placed on an informal patio, set on a berm with a stepping stone pathway leading to it, or positioned beneath a large tree, the chair becomes a main element of the landscape.

Chairs can act as containers for decorative plants. A unique container could be displayed on the seat of a chair — even a willow chair; I have seen willow chairs designed so that the seat is an actual planter; in this case the chair becomes a large container for holding plants. Trailing plants, such as tradescantia, ivy, and creeping Jenny, can trail down towards the ground while



I use this bistro set to add interest to an otherwise nondescript corner of the driveway.

climbing plants, such as thunbergia and morning glories, can twine through the chair’s back and sides. Such a willow chair can also act as a trellis; plants situated near its base will climb up, and by late fall the chair will be almost covered with plants.

Metal chairs — such as “bistro” chairs — are also useful. A couple of these, painted black and sitting on a small patio, will create a welcoming sight. A suitable small table holding a unique planter or a decorative object will complete the vignette. Change the colour of the chairs — perhaps to bright red, and the effect will be entirely different, providing a vivid focal point that gives

the landscape a bit of a “wow” factor. I have a couple of these chairs and not only is it easy to change their colour by using rustproof spray paint, but the pieces of plywood that I use for seats can be covered with different colours of fabric to suit the mood. I simply go to the thrift store, buy an inexpensive garment of the desired colour and voila, new seat covers! Metal chairs can also be used as planters and plant stands; a large container of plants can be placed on the seat or the chair can also be placed in a location of the garden where surrounding plants can grow up and through it. In this case the chair might be painted a vivid colour so it doesn’t get completely lost in the vegetation.

Old wooden kitchen/dining room chairs are often available at thrift shops or auctions, and the best (and cheapest) ones are those not in pristine condition. These can be used here and there in the garden to add colour (if they are painted bright colours) or to add to a mood of rustic charm, and a few broken spindles or badly worn seats will only contribute to the overall theme. Such wooden chairs can be left their natural wood colour (giving them a protective coat of some kind will extend their life), but they can also be painted

whatever colour you choose. If you are creating a mauve/purple garden room containing plants with mauve/purple flowers and foliage, paint one of the chairs bright purple or pastel mauve to complement the setting — or paint it bright yellow for vivid contrast!

Some wooden chairs have wicker seats, which can be removed so that a container can be set down into the seat — or a suitably sized hole can be cut in the seat of a solid wooden chair to accommodate the pot. Such a container should have trailing plants as well as some upright growth to create the best effect. Often a mixed container works best but an attractive one of a single kind of plant — perhaps a dragon wing begonia or a brightly coloured wave petunia — will also create a beautiful accent. Such a composition is often located on a hardscaped area to highlight its appearance, but it will look good nestled into a border to contribute colour and interest to the overall effect of a larger planting.

Chairs take on a whole new dimension and function when they are used in the landscape. Pull up a chair or two in your garden!

Albert Parsons writes from Minnedosa, Manitoba

COUNTRY CROSSROADS

Passion for antique farm machinery

This father and son share the love of farming equipment of the past

BY DARRELL NESBITT
Freelance contributor

“You may take the man from the farm, but you can’t take the farm from the man.”

That definitely sums up a father and son from Strathclair, who love telling stories of the past from their shop on the town’s outskirts.

Willard Moffett and his son David are well known for their passion for antique farm machinery. As longtime members of the Strathclair Old Iron Club, they wholeheartedly help host the inaugural two-day demonstration of how farm work was done a half-century ago. Back then a pitchfork, handkerchief and sweat were common, as was horsepower and the sound of antique farm tractors driving long belts connected to threshing machines while a pair(s) of hands unloaded a rack full of sheaves.

The father/son duo is not only keen on full-size antique farm tractors that can be showcased in parades or demonstrations, they also have a passion for tractors that can sit on a mantel.

“The majority of the collection, which numbers 21, is owned by my father,” said David, adding that Strathclair citizens, Doug Gamey and Harvey Brown, have lent a few to the collection. “The oldest of the one-sixteenth toys is a 1917 Model ‘F’”

Local John Deere dealership, S.H. Dayton Ltd., was noted as a place of business where the “green” was gained and spent, with mod-



Willard (l), and son David Moffett have common interest in keeping farming history including “old iron” working. PHOTO: DARRELL NESBITT

els including a John Deere ‘H’ with rack and other replica collectibles. Other models include Case, Massey Harris, Farmall, Oliver, International, Minneapolis, Allis Chalmers, and Ford Ferguson.

History runs deep

A monument placed on the S1/2 2-17-22 in the RM of Strathclair (now part of the RM of Yellowhead) back in 2006, stands as a fitting testimonial to farm families. Willard and wife Molly created the memorial on the property just west of Strathclair to honour those who farmed or will farm their land.

Born in 1930 to Alex and Teresa Moffett, Willard aided his parents on their farm while growing up, prior to embarking out on his own. Retiring from farming in 1999

after a 40-year run, Willard’s farming heritage is kept alive by putting his stamp of approval on showcasing the past to today’s generations.

About the erection of the monument Willard said, “Considering myself a bit of a historian, along with Molly, I wanted to recognize those who have farmed this piece of land that was homesteaded by Mr. and Mrs. Edward Burnell in 1880.”

The Old Iron Club’s antique harvest demonstration is still a few weeks away but its signage and working water pump can be seen in area parades and fairs with historians close by to share knowledge on how farming made the community of Strathclair, and so many more like it across Canada.

Darrell Nesbitt writes from Shoal Lake, Manitoba

READER’S PHOTO



A rare sight in the Portage la Prairie area. PHOTO: EILEEN MAENDEL

RCMP announce winners of ‘Name the Foal’ contest

RCMP RELEASE

This spring, to celebrate Canada’s 150th anniversary, the RCMP invited young people from across the country to submit names starting with the letter “O.” These names were given to 14 foals born at the RCMP breeding farm in Pakenham, Ont. One winner from each province and territory was selected, and one entry submitted by a school class was selected.

The foal names and winners who submitted them were:

- Haley, (six), Wainwright, Alta. — *Odin*
- Rayne, (10), Nakusp, B.C. — *Orion*
- Bella, (five), Thompson, Man. — *Osawaw*
- Drew, (six), Hanwell, N.B. — *Oscar*
- Vanessa, (nine), Mount Pearl, Newfoundland and Labrador — *Oceana*

- Kinsley, (five), Yellowknife, N.W.T. — *Olela*
- Marykate, (four), Halifax, N.S. — *Orbit*
- Nanuq, (nine), Gjoa Haven, Nunavut — *Orenda*
- Owen, (eight), Nepean, Ont. — *Otis*
- Evan, (10), Souris, P.E.I. — *Olaf*
- Manix, (six), Gatineau, Que. — *Obélix*
- Vadym, (eight), Kelliher, Sask. — *Officer*
- Isaiah, (nine), Whitehorse, Yukon — *Ogilvie*
- School class: Grade 2, Greenfield Elementary Summerside, P.E.I. — *O Canada*

All winners receive a 2017 Musical Ride pennon, T-shirt, set of 2017 Musical Ride trading cards, horse and rider leaf pin, framed photo of the foal they named, and a certificate signed by the RCMP commissioner. All but two of the winners will receive their prizes in person at one of the stops on the Musical Ride’s Canada 150 tour.



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.

Goldsborough is interested in hearing all sorts of experiences about the elevators — funny, sad, or anything in between. Readers willing to share their stories can leave messages at 204-474-7469.



A 30,000-bushel wooden grain elevator at Curtis, in the Rural Municipality of Portage la Prairie, was built in 1938 by Portage businessman Andy Forsythe. His Forsythe Elevator Company was one of the first companies west of Winnipeg to use grain-drying equipment. He introduced a fairer method for determining dockage, and successfully challenged the Canadian Pacific Railway over its blockage of highway rights-of-way, resulting in revised railway practices that are still in place today. Sold to Reliance Grain in 1946, the Curtis elevator was resold to Manitoba Pool in 1948 and a large balloon annex was built beside it in 1951. The elevator closed in July 1972 and was removed from the site. PHOTO: UNIVERSITY OF MANITOBA ARCHIVES & SPECIAL COLLECTIONS

AD DEADLINES		LINER AD RATES	CONDITIONS	
LINER ADS	THURSDAY one week prior to publication at noon CST	\$11.25/week, minimum Ask our customer service consultants about our additional features Ask about our 10% pre-payment discount	- Manitoba Co-operator reserves the right to revise, edit, classify or reject any advertisement submitted to it for publication. - Manitoba Co-operator, while assuming no responsibility for advertisements appearing in its columns, exercises the greatest care in an endeavor to restrict advertising to wholly reliable firms or individuals. - Buyers are advised to request shipment C.O.D., when purchasing from an unknown advertiser, thus minimizing the chances of fraud and eliminating the necessity of refund if the goods have already been sold. - Ads may be cancelled or changed at any time in accordance with the deadlines. Ads ordered on the term rates, which are cancelled or changed lose their special term rates.	
DISPLAY ADS	THURSDAY one week prior to publication at noon CST	CLASSIFIED DISPLAY AD RATES \$32.20/column inch/week		

TRADE-INS FOR SALE

1998 CANCADE 30' TANDEM
GRAIN SPRING RIDE.

1998 PETERBILT 379
W/BERG'S GRAIN BOX

1990 LOADLINE TRIAXLE
HOPPER

2003 FREIGHTLINER COLUMBIA

NEW BERG'S GP20 SINGLE/
SINGLE GRAIN PUP
20" Double Your Payload!

2 - Volvos with new Berg's Grain Box and Pintle plate, 18 spd Std - Pre-emission Cat Engine.
2 - Peterbilts - 18 Speed std Eaton Fuller - with new Berg's Grain Box and 5/8" Pintle plate - Pre-Emission Cat Engine.
2 - International - 2006 Eagle - 18 Speed Eaton Fuller Automatic Trans- New Berg's Grain Box - 5/8" Pintle plate - Cat Engine.
**GOOD USED & TRADE-INS FOR SALE.
CALL FOR PRICING.**

**Berg's Grain Body
Berg's Prep & Paint**

550 George Ave. Winkler MB
204-325-5677

www.bergstrailers.com
www.bergsprepaint.com

MISC. TRAILERS
1515

30 GRAVEL TRAILERS, END dumps, clam dumps, cross dumps, side dumps. Check prices on: www.trailerguy.ca Call 306-222-2413, Saskatoon, SK.

3 TRIDEMS, 3 TANDEM stepdecks; S/A 28' stepdeck; Tandem, tridem and Super 8 highboys; 28' to 53' van trailers. **Tanker:** tandem aluminum 8000 gallon; S/A and tandem converters. Ron Brown Imp. 306-493-9393, Delisle, SK. DL #905231. www.rbisk.ca

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

TANKER TRAILERS: Stainless steel alum. potable, tandem and tri-axles, 4000-7500 gal \$12-\$18,000. 306-563-8765 Canora SK

STEPDECKS: 48' TANDEM, \$12,000; Hi-boys, lowboys, vans, beavertails, car haulers, \$8000 and up. 306-563-8765, Canora

TRUCKS
NEWEST TO OLDEST
1595

2016 RAM 1500 Limited Crew Cab 4x4. Absolutely loaded, only 700 km's. Original Retail \$73,558, now \$51,900! Blue in color, Stock #U192. DL#331445. 306-542-8130, Kamsack, SK. www.redlinechrysler.com

1989 CHEV SILVERADO reg. cab, 2 WD, fully loaded, blue and white, no leather, running boards, autostart, 83,500 orig. kms, no winter driving, no rust, mint! \$12,500; 2004 GMC ext cab, 4x4 SLE, 111,739 orig. kms, A/T/C, PW, PDL, push button 4x4, spray-in boxliner, 2 way auto-start, Silver birchwood color. 5.3L eng., auto., no rust, mint, \$16,000. 306-383-7575, Quill Lake, SK.

GRAIN TRUCKS
1675

1979 INT. TANDEM grain truck, IH 446 gas w/20' grain B&H, well maintained but eng. needs work, turns over but does not start, 128,000 orig. kms. 306-631-7433, Moose Jaw, SK. Email: newfarm@shaw.ca

1997 FORD LOUISVILLE tandem grain truck w/20' Midland box and roll tarp, 8.6 Cummins (no emissions), 105,000 kms., 6 spd. auto, Allison trans., 16,000 lb. front axles, 385/65R22.5 tires, rear 11R22.5's like new, mint condition, must be seen! \$60,000. 20 year old truck looks & drives like new. 204-771-9700, La Salle, MB.

TANDEM AXLE GRAIN trucks in inventory. New and used, large inventory across Western Canada at www.Maximinc.Com or call Maxim Truck & Trailer 1-888-986-2946

CAB AND CHASSIS: 2010 Chev 3500 1 ton dually, will take 10'-12' deck, 6L gas, 195,000 kms., fresh Sask. safety, \$8900; Call **K&L Equipment**, 306-795-7779, Ituna, SK. DL #910885. ladimer@sasktel.net

ALLISON AUTOMATIC TRUCKS: Several trucks with auto. trans. available with C&C or grain or gravel box. Starting at \$19,900; Call **K&L Equipment**, 306-795-7779, Ituna, SK. DL #910885. ladimer@sasktel.net

1989 IH F1954, 466 dsl., 5&2, air brakes, rear TA, new 11x22 tires, new 8x20 box 5 yrs. ago, roll up tarp, 10,000 kms., \$50,000. 306-449-2255, A.E. Chicoine Farm Equipment Limited, Storthoaks, SK.

2007 MACK, 400 HP Mack eng., AutoShift trans., A/T/C, new 20' BH&T, new rear tires, 716,000 kms, exc. shape, \$67,500; **2009 IH Transtar 8600** w/Cummins eng 10 spd., AutoShift, new 20' BH&T, 742,000 kms, exc. tires, real good shape, \$69,500; **2007 IH 9200**, ISX Cummins, 430 HP AutoShift, alum. wheels, new 20' BH&T, fully loaded, 1,000,000 kms, real nice, \$67,500; **2009 Mack CH613**, 430 HP Mack, 10 spd., AutoShift, new 20' BH&T, alum. wheels, 1.4 million kms, has bearing roll done, nice shape, \$69,500; **2007 Kenworth T600**, C13 Cat, 425 HP 13 spd., AutoShift, new 20' BH&T, alum. wheels, new paint, 1.0 million kms, exc. truck, \$71,500; **1996 Midland 24'** tandem pup grain trailer, stiff pole, completely re-built, new paint and brakes, exc. shape, \$18,500; **1999 IH 4700 S/A** w/17' steel flatdeck, 230,000 kms, IH dsl., 10 spd., good tires, \$19,500; **1998 Freightliner** tractor, C60 Detroit, 430 HP 13 spd, alum. wheels, sleeper, good rubber, \$17,500; **2005 IH 9200** tractor, ISX Cummins, 430 HP 13 spd., alum wheels, flat-top sleeper, good rubber, \$22,500. All trucks SK. safetied. Trades considered. Arbofield SK., call Merv at 306-276-7518 res., 306-767-2616 cell. DL #906768.

AUTOSHIFT TRUCKS AVAILABLE: Boxed tandems and tractor units. Contact David 306-887-2094, 306-864-7055, Kinistino, SK. DL #327784. www.davidstrucks.com

RETIRED: 1977 FORD F600, steel B&H; 1979 F600, steel B&H. Both in good cond. 306-944-4325, 306-231-8355, Bruno, SK.

1976 GMC 6500 3 ton, real nice truck, always shedded, 16' Lux BH&T, \$7500. 306-233-7305, Cudworth, SK.

1971 FORD F500 with B&H and roll tarp in good condition, \$5500. Call 306-223-4417, Laird, SK.

IH TRUCKS, EATON AutoShift, new 20' B&H elec. tarp; 2002 IH 440, Allison auto., 19' BH&T, low km's; 2008 IH 7600 tandem, ISX Cummins 10 spd., new 20' BH&T; 2007 Peterbilt 330 S/A, Allison auto., new 16' BH&T. Ron Brown Imp. 306-493-9393, DL #905231. www.rbisk.ca

20+ TANDEMS: Standards & Automatics. Yellowhead Sales, 306-783-2899, Yorkton, SK.

REMOTE CONTROL ENDGATE AND hoist systems can save you time, energy and keep you safe this seedling season. Give **Kramble Industries** a call at 306-933-2655, Saskatoon, SK. or visit us online at: www.kramble.net

2007 MACK, 10 speed Eaton auto., new 20' CIM B&H, 380,000 kms., fresh Sask. safeties. Call 306-270-6399, Saskatoon, SK. www.78truxsales.com DL #316542.

GRAVEL TRUCKS
1676

TANDEM AXLE GRAVEL trucks in inventory. New and used, large inventory across Western Canada at www.Maximinc.Com or call Maxim Truck & Trailer 1-888-986-2946

2012 IHC TRANSTAR, low pro, Max 300 HP diesel, Allison auto. trans., single axle, loaded cab, 13' Armstrong landscape dump, \$39,900; 2010 CHEV 1 ton dump truck w/10' gravel dump, \$14,900. **K&L Equipment and Auto.** Call Ladimer, 306-795-7779, Ituna SK. DL #910885.

GRAVEL TRUCKS
1676

CANUCK NEW End and side dumps. IH 9200 Detroit, 10 spd., 16' gravel box; 2013 Decap tri-axle belly dump. Ron Brown Imp. 306-493-9393, Delisle, SK. DL 905231 www.rbisk.ca

ATTENTION GRAVEL HAULERS: 5 tandems in stock, 1998-2007; Tri-axle 18' dump. Yellowhead Sales, 306-783-2899, Yorkton, SK

SEMI TRUCKS
1677

1999 INTERNATIONAL 9200 Series, daycab, C10 Cat engine, 9 spd. trans., \$17,000. 306-463-8416, Eston, SK.

2006 PETERBILT 379XL, C15 475-550, 13 spd., 12 fronts, 40 rears, 22.5 rubber, clean truck, asking \$42,500. Call 204-952-5937, Winnipeg, MB.

SLEEPERS AND DAY CABS. New and used. Huge inventory across Western Canada at www.Maximinc.Com or call Maxim Truck & Trailer, 1-888-986-2946.



2005 PETERBILT C15 eng., 18 spd., w/2016 Timpette trailer. Both units in exc. cond. w/safety papers. \$105,000 for both units. Will separate. For more details, 204-918-4029, 204-981-3636, Cartier, MB.



2013 VOLVO 630 mid-roof, flat deck spec, Volvo D13, I-Shift, 784,000 kms., \$64,800. Call Norm at 204-761-7797, Brandon, MB.



2012 MACK PINNACLE CXU613 day-cab, Mack MP8-455HP Eaton 13 spd., \$39,900. Call Norm 204-761-7797, Brandon, MB.



2011 VOLVO 730 mid-roof, Volvo D16-550 HP 18 spd., 1,265,000 kms., \$34,900. Call Norm at 204-761-7797, Brandon, MB.



2012 FREIGHTLINER CASCADIA mid-roof, DD15-505 HP 13 spd., 876,500 kms., \$49,900. Norm 204-761-7797 Brandon MB

SANDBLASTING AND PAINTING of heavy trucks, trailers and equipment. Please call for details. Can-Am Truck Export Ltd., 1-800-938-3323, Delisle, SK.

KENWORTHS: 2007 T800 500 Cat 18 spd., 46 diff. lockers; 2009 T660, new pre-mission, 525 ISX, new 18 spd. and clutch, 46 diff., lockers; 2008 T800 **daycab**, 500 Cat, 18 spd., lockers, new clutch and trans; 2014 Western Star 4900, 46 diff. Detroit, 18 spd., 4-way locks; 2008 Freightliner Cascadia, daycab, Detroit 515, 18 spd., lockers; 2007 IH 9900i, 925 ISX, 18 spd., 3-way lockers; 2007 IH 9200 daycab, 450 ISX, 13 spd; 1996 T800, Cat, 13 spd., re-build trans, diffs and injectors; 2006 Pete 379, daycab, 500 Cat, 18 spd., lockers, new rebuilt eng., new clutch; 2005 Mack CH613, 18 spd, lockers, wet kit, 450,000 kms; 2- 1996 FLD 120 Freightliners, 425 Cat, 430 Detroit, lockers, Ron Brown Implements, Delisle, SK., 306-493-9393. DL 905231. www.rbisk.ca

TWO 2007 IHC 9400, Cat 500, 18 spd., 46 rears and lockers, 51" sleepers; (2) 2009 Mack, 485 HP 18 spd., 46 rears and lockers, 51" sleeper; 2008 Freightliner, 515 HP 18 spd., 46 rears and lockers, wet line kit. Yellowhead Sales 306-783-2899, Yorkton.

2005 WESTERN STAR Low Max, Detroit 515, 18 spd., 40 rears, 1.2M kms, good 11x22.5 tires. 306-634-9324, Estevan, SK.

SPECIALIZED TRUCKS
1680

DECKS, DRY VANS, reefers and storage trailers at: www.Maximinc.Com or call Maxim Truck & Trailer, 1-888-986-2946.

TOW TRUCK, 1993 F700, 10 spd., Vulcan towing unit (will separate). Pro Ag Sales, 306-441-2030 anytime North Battleford SK

SPORT UTILITIES
1682

2011 HONDA CRV EXL, silver w/black leather, NAV, loaded, 4WD, remote start, exc. cond., very clean, 64,000 miles, new safety, for sale by owner, \$15,900 OBO. 204-488-8451, Winnipeg, MB.

2016 SUBARU FORESTER name top pick for 2016. Starting from \$29,360. Great selection to choose from!! 1-877-373-2662. www.subaruofsaskatoon.ca DL #914077.

SPECIAL PURCHASE OF new and near-new 2014-2015 Crosstrek XVs. Save up to \$5000. Come in quickly!! 1-877-373-2662. www.subaruofsaskatoon.ca DL #914077.

VARIOUS
1685

WATROUS MAINLINE
0% FINANCING FOR
84 MONTHS!

2017 GMC 1 Ton Reg Cab & Chassis GAS *2 in stock!
6.0L V8, loaded, cloth, STK #H1868
MSRP \$53225
Cash Price \$43725
or \$289 b/w @ 0% 84 MO

2017 GMC 1 Ton Crew Cab & Chassis DIESEL
6.6L V8, loaded, cloth, STK #H1890
MSRP \$71485
Cash Price \$66,213
or \$408 b/w @ 0% 84 MO

2017 GMC & Chev 1/2 ton Crew Leather *70 in stock!
5.3L V8, loaded, nav, heated leather, STK #H1866
MSRP \$57499
Cash Price \$45495
or \$284 b/w @ 0% 84 MO

2017 GMC & Chev 1/2 ton Crew Cloth *30 in stock!
5.3L V8, loaded, cloth, STK #H1905
MSRP \$48265
Cash Price \$37595
or \$236 b/w @ 0% 84 MO

2017 GMC & Chev 3/4 Ton Crew Diesels *15 in stock!
6.6L V8 Diesel, loaded, cloth, STK #H1989 MSRP \$76605
Cash Price \$66,695
or \$411 b/w @ 0% 84 MO

2017 GMC 3/4 ton Double Cab GAS
6.0L V8, loaded, cloth, STK #H1851
MSRP \$56965
Cash Price \$43195
or \$285 b/w @ 0% 84 MO

MEDIUM DUTY
TRUCKS



2009 GMC C8500 TANDEM GRAIN TRUCK
Isuzu Diesel 300 HP Allison Transmission
14+40 Axles Rubber Block Rear Suspension, Alum wheels A-C-T PW PL PM Air ride seat. CIM 20' Box and hoist w/Remote hoist and end gate. 12R22.5 Front and 11R22.5 Rear Tires, Red Cab & Red Box, 19,950km, stk#M7346A
\$95,395



2018 KENWORTH T440 TANDEM GRAIN TRUCK
Paccar 370HP PX-9 Allison Auto 14+20 Axles w/Rear Air Susp. Air Ride Cab, Fully loaded, Alum Wheels, Cancade 20' x 8-1/2' x 65" Grain Box w/Michels Remote Hoist, Tarp and Endgate Stk# M7323
\$199,995

WATROUS MAINLINE
MOTOR PRODUCTS LTD.
HIGHWAY #2 EAST – WATROUS, SK
306-946-3336
1-800-667-0490
www.watrousmainline.com
DL#907173

SLEEPERS AND DAY CABS. New and used. Huge inventory across Western Canada at www.Maximinc.Com or call Maxim Truck & Trailer, 1-888-986-2946.

2008 IH 7600 tandem 24' van body, power tailgate, 10 speed ISX; 2007 Freightliner auto. trans., 24' deck. Ron Brown Imp. 306-493-9393, Delisle, SK. DL #905231 www.rbisk.ca

SPECIAL PURCHASE of new and near new 2014-2015 Crosstrek XVs. Save up to \$5000. Come in quickly!! 1-877-373-2662. www.subaruofsaskatoon.ca DL #914077.

VANS
1700

DECKS, DRY VANS, reefers and storage trailers at: www.Maximinc.Com or call Maxim Truck & Trailer, 1-888-986-2946.

BUILDING/RENOVATIONS

DOORS/WINDOWS
2505

TWO 14X12' STEEL galvanized doors off a Fairfield shed, could be taken down for a fence, fair condition, 25 yrs. old. Call 306-463-4866, Kindersley, SK.

farmzilla
CANADA'S AG-ONLY LISTINGS GIANT
PRINT | MOBILE | ONLINE
1-800-667-7770 | farmzilla.com

LUMBER
2520

ROUGH LUMBER: 2x6, 2x8, 2x10, 1" boards, windbreak slabs, 4x4, 6x6, 8x8, all in stock. Custom sizes and log siding on order. Call V&R Sawing 306-232-5488, Rosthern, SK.

ROOFING
2550

CONTINUOUS METAL ROOFING, no exposed screws to leak or metal overlaps. Ideal for lower slope roofs, rinks, churches, pig barns, commercial, arch rib building and residential roofing; also available in Snap Lock. 306-435-8008, Wapella, SK.

ROOFING
2550

PRICE TO CLEAR!!
High tensile roofing & siding.
#1 Gr. Galvalume 26 gu.... **89¢/ft** ²
#1 Gr. Galvalume 29 gu.... **75¢/ft** ²
B-Gr. coloured..... **75¢/ft** ²
B-Gr. Galv 29 gu **69¢/ft** ²
B-Gr 30 gu Galv..... **49¢/ft** ²
Multi-coloured millends.. **59¢/ft** ²
CALL NOW!
FOUILLARD STEEL SUPPLIES LTD.
ST. LAZARE, MB.
1-800-510-3303

BUILDINGS
2601

CONCRETE FLATWORK: Specializing in place & finish of concrete floors. Can accommodate any floor design. References available. Alexander, MB. 204-752-2069.



www.windandweathershelters.com
COMMERCIAL GRADE Wind and weather shelter buildings available in widths from 20' to 90'. Prices starting at \$2495. If you have bought an auction building and need to upgrade to more durable material or parts we can help. Located in Yorkton. Contact Paul at 306-641-5464 or Ladimer 306-795-7779.



STEEL STORAGE SHED, 34'x72'x16' walls. Bi-fold door is 32' wide, side overhead door is 12'x12'. A walk-in door is incl. Everything is disassembled, ready to move, very good condition, \$25,000. Call 306-230-6879, Vanscoy, SK. shockeyfarms@sasktel.net

BUSINESS OPPORTUNITIES
2800

2 BAY CARWASH- ROSSBURN, MB. with new 2 bdrm suite, open concept, new appliances, never lived in. Near Riding Mtn National Park, lots of lakes, farming area. Great opportunity! Info. ph 204-859-2219.

BUSINESS SERVICES

FINANCIAL/LEGAL
2902

FARM/CORPORATE PROJECTS. Call A.L. Management Group for all your borrowing and lease requirements. 306-790-2020, Regina, SK.

DEBTS, BILLS AND charge accounts too high? Need to resolve prior to spring? Call us to develop a professional mediation plan, resolution plan or restructuring plan. Call toll free 1-888-577-2020.

TROUBLED WITH CREDIT CARD BALANCE? Maxed out your credit cards? We can pay off your credit card debts or line of credit! With low rates from 1.99% Bad credit okay. Call 780-566-1349 or 1-800-917-3326, Edmonton, AB.

CONTRACTING

CUSTOM SILAGE
3530

CUSTOM SILAGE/ HARVEST. Booking acres for 2017 silage/harvesting season. We are running JD harvester, trucks, packing tractor and MacDon swather. Reasonable rates. Full or part operation to suit your needs. We take pride in your field, you will not be disappointed! For details and rates please call 204-851-5679, Virden/Elkhorn, MB. danny9870@hotmail.ca

CUSTOM SILAGING with Claas Chopper and all support equipment. 306-527-2228 Regina, SK., or 250-878-3382 Melita, MB.

CUSTOM TRUCKING
3550

GENERAL HAULING: SERVICING Western Canada with light and heavy hauling. Agriculture; Construction & Oilfield. 6 - 10 axle combinations. Flat decks; Double drops; Scissor necks and Trombone tri-axle step deck. Reasonable rates, up for negotiation. 306-698-7409, email: flyingu@sasktel.net

LONG LAKE TRUCKING, two units, custom hay hauling. 306-567-7100, Imperial, SK.

EQUIPMENT TOWING/ HAULING. Reasonable rates. Contact G H Wells Services and Trucking, 306-741-9059, Morse, SK.

CUSTOM WORK
3560

NEUFELD ENT. CORRAL CLEANING, payloador, Bobcat with rubber tracks and vertical beater spreaders. Phone 306-220-5013, 306-467-5013, Hague, SK.

LAND CLEARING. Rock picking and digging, stone piles, brushing, fencing, demolition. 306-291-9658, Vanscoy, 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.

MULCHING- TREES, BRUSH, Stumps. Call 204-306-933-2950. Visit us at: www.maverickconstruction.ca

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.

SCRAP AND METAL Removal- Old machinery and equipment taking up space? Call River City Transport to have it removed. It may even be worth some cash. Please call 306-382-5038, Saskatoon, SK. Email: rivercitytransport2016@gmail.com

CONSTRUCTION EQUIP.
3600

PIONEER 2436 Primary jaw crusher with vibratory feeder, dsl. or electric, \$95,000 OBO. 204-372-6832, Broad Valley, MB.

2006 KOMATSU WA-320-5 wheel loader, QA bucket and forks, \$55,500; 1989 D6H Cat LGP crawler dozer, direct drive, 90% undercarriage, \$39,500; Robert Harris, 204-642-9959, 204-470-5493, Gimli, MB. Pics/info.at.robertharrisequipment.com

SELLING

1974 CAT D7F, 14' angle dozer, 26" pads, 3306 eng., 60% UC, vg cond., \$38,000 OBO. 204-467-2109, Stonewall, MB.

2004 CAT D6N dozer with 6-way blade and ripper, \$68,750. Call 204-871-0925, MacGregor, MB.

2012 KOMATSU WA380-6 wheel loader, hyd. QA, AC, ride control emergency steering, Autolube, 23.5x25 tires, 3135 hrs., \$140,000; 2008 JD 850J WLT crawler dozer, c/w ROP's, 12' 6-way blade, SBG pads, 8700 hrs, \$95,000. Call 204-871-0925, MacGregor, MB.

EXCAVATOR BUCKETS, various shapes and sizes for different excavators. Call 204-871-0925, MacGregor, MB.

FARM BUILDINGS 4100

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.

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

STRAIGHT WALL BUILDING packages or built on site. For early booking call 1-800-667-4990 or visit our website: www.warmanhomecentre.com

BINS 4103

NRW SMOOTH WALL HOPPER BINS 1500 bu.; Westeel 14" on hopper 1500 bu., no air, \$2500 each or \$4400 for both. Call 204-345-9199, Lac du Bonnet, MB.

TIM'S CUSTOM BIN MOVING and Hauling Inc. Up to 22' diameter. 204-362-7103 binmover50@gmail.com

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.

WESTEEL BINS: 2- 1750 and 2- 2000 bu. with steel floors, can be easily moved. Call 306-771-2765, Balgonie, SK.

12 USED STEEL BIN SKIDS for 18' dia. bins, in good cond. Loreburn, SK. 306-644-0011 mgr@loreburnfarming.com

BIN MOVING, all sizes up to 19' diameter, w/w/o floors; Also move liquid fert. tanks. 306-629-3324, 306-741-9059, Morse, SK.

SUPERIOR HOPPER BINS: Concrete mount, steel floor mount hopper bins all sizes; 21' 8000 bu., triple skids, set up \$20,400; 24' 10,000 bu. triple skids, set up \$26,900; 18' 5000 bu. double skids, \$13,350. Freight extra on all bins. Call Middle Lake Steel, 306-367-4306, 306-367-2408. www.middlelakesteel.com



POLY GRAIN BINS, 40 to 150 bu. for grain cleaning, feed, fertilizer and left over treated seed. 306-258-4422, Vonda, SK. www.buffervalley.com

3- 3300 BU. WESTEEL ROSCO steel bins, no hoppers, mounted on cement pads. For info. call 306-259-4430, Young, 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.

BROCK (BUTLER) GRAIN BIN PARTS and accessories available at Rosler Construction. 306-933-0033, Saskatoon, SK.

STORAGE/CONTAINERS 4105

CONTAINERS FOR SALE OR RENT: All sizes. Now in stock: 53' steel and insulated stainless steel. 306-861-1102 Radville, SK.

SHIPPING CONTAINERS FOR SALE. 20'-53', delivery/ rental/ storage available. For inventory and prices call: 306-262-2899, Saskatoon, SK. www.thecontainerguy.ca



HORNOI LEASING NEW and used 20' and 40' sea cans for sale or rent. Call 306-757-2828, Regina, SK.

20' and 40' SHIPPING CONTAINERS and storage trailers. Large Sask. inventory. Phone 1-800-843-3984 or 306-781-2600.

20' TO 53' CONTAINERS. New, used and modified. Available Winnipeg, MB; Regina and Saskatoon, SK. www.g-airservices.ca 306-933-0436.



BEAVER CONTAINER SYSTEMS, new and used sea containers, all sizes. 306-220-1278, Saskatoon and Regina, SK.

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.

KEHO/ GRAIN GUARD Aeration Sales and Service. R.J. Electric, Avonlea, SK. Call 306-868-2199 or cell 306-868-7738.

CONVEYORS 4106

BATCO 15x85, 35 HP like new condition, \$24,000; 15x15 Batco, 8 HP transfer conveyor c/w mover, like new cond., \$6000. 306-677-2598, Hodgeville, SK.

CONVEYORS 4106

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 1-866-567-3101, Loreburn, SK.

2014 BATCO 15x120 under bin conveyor 30HP 3 phase 600V motor, like new cond, \$18,000. 306-472-7704, Woodrow, SK.

BATCO CONVEYORS, new and used, grain augers and SP kits. Delivery and leasing available. 1-866-746-2666.

EQUIPMENT MONITORS 4109

VIEW AND RECORD up to 4 cameras with our new 7" implement camera monitor. www.precisioncam.ca, Allen Leigh Security & Comm, Brandon, MB., 1-866-289-8164.

FERTILIZER EQUIPMENT 4112

SCS RAVEN 440, AutoRate controller, c/w Raven flow control valve, flow meter, 3-way shut-off valve, pressure spike valve, 60' of Raven wiring harness. Everything needed for liquid variable rate fertilizing, asking \$1000. 306-452-7799, Redvers, SK.

IHC 6400 54' chisel plow, 12" spacing, new NH3, boots and openers, new hoses, new walking beam shafts, \$33,000. Nipawin, SK. 306-862-7138 or 306-862-5993.

GRAIN AUGERS 4115

WESTFIELD 7x36 AUGER, only 20 hrs. on B&S electric start motor. 204-248-2040, 9:00 PM -10:30 PM, Rathwell, MB.

MERIDIAN GRAIN AUGERS available with self-propelled mover kits and bin sweeps. Call Kevin's Custom Ag in Nipawin, SK. Toll free 1-888-304-2837.

PRICE TO CLEAR: Loaded 2016 HHD-46 TL10-39; SLMD 12-72 and SLMD 12-95. Used Augers: 2012 SLMD 12-72 w/winch and swing mover; Brandt 10x60 S/A: Wheatheart 8x51' c/w mover. Also dealer for Convey-All Conveyors. Leasing avail! Call Dale at Mainway Farm Equipment, 306-567-3285, 306-567-7299, Davidson, SK. www.mainwayfarmequipment.ca

BRANDT 1380 XL swing auger, never used, \$23,500 OBO, Call 306-537-3780, McLean, SK.

MERIDIAN AUGERS IN STOCK: swings, truck loading, Meridian SP movers. Call Hoffman Services Inc., Odessa, SK, 306-957-2033.

USED AUGERS: 2013 R10x41 Wheatheart, loaded, \$9995; 2014 TL12-39, loaded, \$14,995. All excellent condition. 306-648-3622, Gravelbourg, SK.

RM45 MERIDIAN, \$34,500; **RM55 Meridian**, \$36,500. Call 306-648-3622, Gravelbourg, SK.

MERIDIAN HARVEST AUGERS: SLMD 10-72, \$12,750; SLMD 12-85, \$24,500; HD 10-59, loaded, \$19,500. Delivery available. Call 306-648-3622, Gravelbourg, SK.

2015 BRANDT 13110HP, electric winch, light kit, remote swing, anti-snaq spout with full-bin indicator, exc. cond., \$24,500; **2015 Batco 1585**, 25HP elec. Honda motor w/mover kit, like new cond., \$24,500. Call 306-472-7704, Woodrow, SK.

SAKUNDIAK AUGERS: 7"x45' w/16 HP Kohler eng.; 7"x41", no eng., 7"x37", 16 HP B&S eng.; 8"x52' PTO; 10x65 swing, PTO hyd. drive; 5 yard Ashland scraper, good condition; Flood Dale swath roller, PBH. 306-944-4325, 306-231-8355, Bruno, SK.

GRAIN BAGS/EQUIPMENT 4116

AUGERS: NEW and USED: Wheatheart, Westfield, Westeel augers; Auger SP kits; Batco conveyors; Wheatheart post pounders. Good prices, leasing available. Call 1-866-746-2666.

REMOTE CONTROL SWING AUGER movers, trailer chute openers, endgate and hoist systems, wireless full bin alarms, swing belt movers, wireless TractorCams, motorized utility carts. All shipped directly to you. Safety, convenience, reliability. **Kramble Industries** at 306-933-2655, Saskatoon, SK. or www.kramble.net

GRAIN BAGS 4116

CANADA'S GRAIN STORAGE SPECIALISTS 1-888-226-8277

GRAIN BAGS

- Protect your valuable commodities with industry leading grain bags by Ipesa Sigs.
- Don't be fooled by lesser quality grain bags.
- 9.4 mil – 10 mil thickness/5 layer blown film.

GRAIN PILE COVERS

- All covers feature silver/black material to reflect heat and sunlight, vent opening allows moisture to escape, reinforced brass eyelet tie-downs every 3' to eliminate wind whipping.
- www.cantarp.com**
Email: sales@cantarp.com
(306) 933-2343 | Fax: (306) 931-1003

GRAIN CARTS 4118

2010 E-Z TRAIL 860, lights, roll tarp, 14" hyd folding auger, hyd grain slide. \$24,000. 780-871-3963, Paradise Valley, AB.

BRENT 620, TARP, PTO/hyd. unload, extended to 750 bu., bought new, always shedded, exc. cond., \$25,000 OBO. Call 204-734-0422, Swan River, MB.

2013 DEMCO 1150 bu., never used, 900 tires, 1000 PTO, tarp, no scale. Call for pricing, 204-522-6333, Melita, MB.

GRAIN CARTS: Brent 672, 674, 770, 772, 774, 874, 974, 1080; Unverferth: 7000, 8000, 9200; Ez-Flow 475, 675, 710; Hyd. drive UFT 725, 750, 760, 4765. We have others. 35 gravity wagons, 200 - 750 bu. 1-800-938-8537, Portage la Prairie MB. www.zettlerfarmequipment.com

2003 UNVERFERTH 8200, tarp, \$31,000 OBO. 306-563-8482, Estevan, SK.



GRAIN CARTS 4118

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 BOURGAULT 750 Smart Cart, tarp, lights, hyd. and/or PTO drive, very little usage, \$23,000. 306-563-8765, Canora, SK

FOR SALE FOR PARTS: J&M 22" unload auger, tube & flighting, top section with spout and slider extension. 306-452-7799, Redvers, SK.

2011 UNVERFERTH 1015 EXTREME, used three seasons, 1000 PTO, scale, tarp, always shedded, excellent condition, \$48,000 OBO. 306-264-7869, Kincaid, SK.

GRAIN CLEANERS 4121

M14 RH FORSBERG gravity, good deck, good cond., 15 HP 3 phase inside machine, \$3500 OBO. 204-744-2208, St. Leon, MB.

DUAL STAGE ROTARY SCREENERS and Kwik Kleen 5-7 tube. Call 204-857-8403, Portage la Prairie, MB. or visit online: www.zettlerfarmequipment.com

DUAL SCREEN ROTARY grain cleaners, great for pulse crops, best selection in Western Canada, 306-946-7923 Young, SK

CUSTOM COLOR SORTING chickpeas to mustard. Cert. organic and conventional. 306-741-3177, Swift Current, SK.

farmzilla CANADA'S AG-ONLY LISTINGS GIANT
1-800-667-7770 | farmzilla.com

GRAIN DRYERS 4124

FARM FANS AB-8B Grain Dryer, 120 bu., fully automatic, single phase, 5875 hrs., newer digital timer, includes 7x16 load auger w/5 HP motor, good cond., \$5000 OBO. 204-325-6097, 204-435-2182, Miami, MB. morchard@cici.mb.ca

6 TIER VERTEC grain dryer, batch and/or continuous. 204-325-2590, Morden, MB.

SUPERB GRAIN DRYERS: Grant Service Ltd. have dryers in stock at winter pricing! SQ28D, 30 HP quiet fan, 576 bu., single phase power, 12,000,000 BTU, only 2 in stock. Call 306-272-4195. Foam Lake, SK.

AERATION SYSTEM: Home built, portable, coal fired, hot water system c/w 5HP 220 volt centrifral fan. Auto elec. controls for coal stoker & water temperature, \$1000 OBO. Can also be used as space heater! Call 306-449-2412 evenings, Redvers, SK.

DRYAIR GRAIN DRYING SYSTEM. 1.2M BTU boiler on propane, mounted on trailer. 4 large heat coil radiators on wheels. Large quantity of hose w/quick couplers. Shedded, excellent cond., used very little. 306-873-9221 306-323-2099 Archerwill SK

USED DRYAIR 2000 drying system, 1,200,000 BTU, 4 radiators, and hoses. 306-862-1420, 306-873-8549, Tisdale, SK

DRYAIR GRAIN DRYING SYSTEMS: New and used available. Expand your Harvest window. Low temperature drying. Clean, safe, and contamination free. Maintain grade value. Low supervision and maintenance. Perfect aeration day 24/7! Call Factory at 1-888-750-1700 for more information. St. Brieux, SK.



SAFE PORTABLE GRAIN DRYING: Multiple locations in Western Canada. Economical, efficient, fume-free, flameless grain drying units that have the ability to dry multiple grain bins simultaneously on your own site. No operator required. Phone 1-855-573-4328. info@conleymax.com or visit: www.conleymax.com Kindersley, SK.

VERTEC 6600 Grain dryer, 8 tier w/factory roof, propane, new style burner, 30 HP motor, 3 phase. Fire damage on one side, very repairable. Must go! Open to reasonable offer. 204-745-8007, 204-745-3543, Elm Creek, MB. jrp@mymts.net

GRAIN TESTERS 4130

DEVLOO CANOLA CRUSHER
GREEN SEED COUNTER

The easiest and most convenient method of checking green count in your canola.

PATENT PENDING

(204) 825-8030 or (204) 744-2773 gmdenvloo@gmail.com

WWW.CANOLACRUSHER.COM

GRAIN VACUUMS 4133

FEED BLOWER SYSTEMS, Sales and Service. Piping, blower and airlock repairs. John Beukema 204-497-0029, Carman, MB

HARVESTING/HAYING

BALING EQUIPMENT 4139

BALE SPEAR ATTACHMENTS for all loaders and skidsteers, excellent pricing. Call now 1-866-443-7444.

BALE SPEARS, high quality imported from Italy, 27" and 49", free shipping, excellent pricing. Call now toll free 1-866-443-7444, Stonewall, MB.

BUHLER 4500 BALE picker, picks 4x8 or 3x3x8 bales, always shedded, vg cond., \$20,000. Call 204-773-6890, Inglis, MB.

NH BALE WAGON 103 PT, used very little, good shape, \$2395. Call 204-967-2009, Kelwood, MB.



2013 CLAAS 3300 RC Quadrant 3x4 square baler, approx. 7000 bales made, very good cond., \$89,000. Can deliver. Call anytime 204-743-2324, Cypress River, MB.

2006 VERMEER 605M round baler, bale kicker, net/twine, all updates, exc. cond., \$17,500. 204-748-8303, Elkhorn, MB.

HESSTON 956A 1500D baler, netwrapped ready, made only 1500 bales, shedded. \$19,000. 306-643-4823, Esterhazy, SK.

VERMEER 605M ROUND baler, monitor, kicker, new PU, good cond., field ready, \$12,000 OBO. 306-335-7875, Lemberg, SK

2005 CIH 562 round baler, one owner, 4000 bales, \$17,000 OBO. 306-563-8482, Maple Creek, SK.

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.trihaulbalemovers.com

2001 JD 567 Baler, always shedded, mint condition, \$17,500. 306-648-2763, 306-648-7595, Gravelbourg, SK.

HESSTON 856 AUTO 5x6 round baler, AutoCycle, premium cond., 1 owner, 3078 bales, flotation tires, 1000 PTO, short crop kit, \$18,500. 306-747-7015 Shellbrook, SK

NEW HOLLAND 1033 Stackliner bale wagon, in working cond, 105 bales, Rose-town, SK. 306-831-9979 or 306-882-3141.

2007 NH BR780A, 1 owner, autotie, 1000 PTO, Mega wide PU, done approx. 15,000 bales, stored inside. Retired. Lloydminster, SK. 306-825-2440 or 780-872-6461.

MOWER CONDITIONERS 4142

MACDON 5000 16' mower conditioner, good shape. 306-232-7751, Duck Lake, SK.

NH 14' HAYBINE: MF 128 square baler; NH 1033 bale wagon; NH 268 square baler; NH chain round baler. 306-283-4747, 306-220-0429, 306-291-9395 Langham SK

SWATHERS 4145

1985 MF 885 Swather, used 20 years w/o problems, good condition, \$6000. Prince Albert. 403-870-0091, gleia@wolffleia.ca

1976 VERSATILE 400 18' Swather, good condition. 306-366-4720, St. Gregor, SK.

BALING EQUIPMENT 4139

Bale Baron

KNOT, OUR STRENGTH

Excellence in small bale packaging systems

Our STRENGTH is in our KNOTS. The Bale Baron uses high strength plastic twine and a double knot system to tightly bundle its packs. The most efficient binding option available, twine is strong, cost effective and easy to cut with a pocket knife. Tying this twine is the Rasappe low maintenance knotter system. Increasing your productivity, our knotter system only requires one greasing per year. This means less time servicing and more time in the field.

Marcrest Manufacturing Inc.

1-519-887-9910
www.marcrestmfg.com

EOC100323-04

SWATHERS 4145

1998 35' WESTWARD 9300, 960 header, PU reel, turbo, big tires, \$29,500; 1995 30' MacDon Premier 2900, PU reel, 960 MacDon header, 21.5-16.1 tires, \$19,500; 1995 Case/IH 8820, 30' header, PU reel, 21.5-16.1 tires, \$17,500. All swathers in exc. cond. 306-861-4592, Fillmore, SK.

1988 CI 722, 26' DS, MacDon PU reel, Kear shears, gauge wheels, Isuzu dsl. eng., overall good shape, very strong machine, works exc. in canola (same as MF 200), \$9500 OBO. 306-697-7897, Grenfell, SK.

2006 MF 9420 SP, 30', 1510 hrs., sliding table, diesel, UII PU reel, caster wheels, good rubber, new batteries and canvases, asking \$39,500. Call 306-252-2810 or 306-567-7281, Kenaston, SK.

725 IH 25' PT swather, always shedded, good condition, \$2000. Call 306-781-2904, Lajord, SK.

CIH 8230 PT 30' batt reels, exc. cond. always shedded, \$3000; Swath roller, \$600. 306-675-4883, 306-331-7456, Lipton, SK

1993 MF 200 30' swather, diesel, PU reel, shedded, \$12,000 OBO; 3- 3300 bu., 2-1600 bu. Westeel bins w/wood floors. 306-759-2651, 306-759-7745, Brownlee.

CASE/IH 8825 SP 30' sliding table, w/PU reel, good condition, \$27,500 OBO. Call 306-395-2265, Chaplin, SK.

2010 JD 36' A400, single swath, 571 cut hrs, dbl. knife dr, HID's, underbely death roller, AutoSteer ready (not installed), \$79,900, S/N 1EOA400XVAA360105. 306-237-4442, Areele, SK.

CIH 721, 21' PT Atuofold Swather, batt reels, always shedded, \$2150, 306-946-7923, Young, SK.

1989 CASE 736 36' swather, not used in 12 years. Shedded and in very good cond. 306-628-4267, Liebenthal, SK.

2002 PREMIER 2952, hi/low spd., 39' MacDon 973 header, PU reels, pea auger, \$45,000. 306-634-9324, Estevan, SK.

2006 MACDON 9352i 30', 972 header, PU reel, GPS ready, hyd. fore/aft, double knife, 1095 cutting hrs., 13

CASE/IH
4160

1998 CIH 2388 Axial Flow, 3790 eng. hrs., 2742 sep. hrs., CIH Victory PU, 30.5x32 and 14.9x24 rubber, 2nd set large wire concaves, good cond., \$54,000. Kipling, SK. 306-736-7683, cuham@sasktel.net

1993 1688, 1015 PU, chopper, reverser, monitors, 1020 25' header, PU reel, carrier, \$20,000. 204-362-1024, Manitou, MB.

1980 CIH 1460 COMBINE, 300 eng. hrs., specialty rotor, airfoil chaffier, excellent rubber and PU, field ready, always shedded. Call 204-476-2851, Neepawa, MB.

2012 CIH **6088**, 300 hrs, Pro 700 monitor, HID lights, 15' 3016 PU, Y&M, ACS, chopper, rocktrap, 3 spd. hydro, 204-776-2112, Boissevain, MB. hvissaac@icloud.com

1986 Case 1680, 3500 engine hrs., Rice tires, good cond., \$12,000; 1994 CIH 1688 vg condition, \$41,000. 204-824-2196, 204-573-6723, Wawanesa, MB.

1992 CIH 1680 combine, Cummins eng., Specialty Rotor with accelerator kit, hyd. reverser, airfoil chaffier, CIH 1015 PU header. All new Shaker bushings, field ready condition, \$18,000; 25' grain header also avail. 204-447-2590, 204-447-3116, Ste Rose du Lac, MB.

2013 Case 8230, duals, extended auger, fine cut chopper, 750 sep. hrs., \$325,000. Take trade or financing. 306-563-8765, Canora, SK.

2003 CIH 2388 AFX w/2015 header, field ready, very well maintained, long auger, hopper topper, chopper, Pro600 with Y&M, 262 receiver, shedded, \$85,000. 306-869-7834, Ceylon, SK.

2000 CASE/IH 2388 w/1015 header, \$65,000; 2004 2388 w/2015 PU header, \$115,000; 2006 2388 w/2015 PU header, \$130,000. A.E. Chicoine Farm Equipment, 306-449-2255, Storthoaks, SK.

2007 CASE/IH 7010, dual wheels, w/2016 header, \$170,000. Call A.E. Chicoine Farm Equipment, 306-449-2255, Storthoaks, SK.

2009 CASE/IH 9120, 1100 machine hrs., 1400 eng. hrs, 900/60/R32 tires, 2016 header, fine cut chopper, electric tarp, shedded, \$175,000; 35' MacDon 974 flex straight cut header, slow mover, split reel, fore/aft pea auger, \$23,000. Combine and both headers asking \$191,000. 306-862-5993, 306-862-7138, Nipawin, SK

2008 8010, 1398 sep. hrs., long auger, loaded, 2016 PU, new rotor & concaves, \$40,000 red light just completed, shedded, premium cond. Terre Bonne Seed Farm, 306-921-8594, 306-752-4810, Melfort, SK.

1997 CASE/IH 2188, 3000 sep. hrs., auto HHC, chopper plus ready cut chopper, hopper extension, very good tires, rock trap, long auger, 2015 Swathmaster PU header, excellent, condition, \$29,500. 306-812-4592, Fillmore, SK.

1995 INTERNATIONAL 2188, 3044r/3957e hrs., chopper, Kirby spreader, 1015 header, Rake-Up PU, hopper extension, new parts (\$2000), long auger, c/w 1020 flex header, new knife and reel bushings, head-er mover, rubber mint, well maintained, **retired**, \$42,500 OBO. Call 306-252-2810 or 306-567-7281, Kenaston, SK.

CASE/IH 1640 combine, 1900 hrs., good condition, always shedded, \$10,000 OBO. 306-781-2904, Lajord, SK.

1990 CIH 1680, all updates, vg cond, 4500 hrs, PU header. Norm 306-857-2117, 306-867-3998, Strongfield, SK.

2011 CASE/IH 8120, 3016 PU header, **800 hrs.**, deluxe cab, duals, exc. cond., \$240,000. Call 306-223-4417, Laird, SK.

2004 CIH 8010, new chopper, feeder chain, pick-up & teeth rasp bars, 2899 eng. hrs., \$99,500. 306-287-7645, Watson, SK.

1996 2188 1015 header, IH PU, new belts, ultra control header height with lateral header control, 4900 eng., hrs, 3690 thrashing hrs. Specialty rotor with accelerated rotor auger conversion kit in stainless steel. Heavy cone, extended unloading auger, Redepak 250 on the back and internal chopper, Harvest Service concave, rear tires 80%, one new front tire the other 80%. \$20,000 OBO. Call 306-834-5035, or 306-834-7885, Kerrobert, SK.

1994 1688 CIH, 30' cutting header, PU reel, PU guards, PU header w/transport. Call Neil Mohan 306-574-4208, Plato, SK

2012 CIH 8230, 1301 eng. hrs., 868 rotor hrs., exc. cond., field ready. 780-872-8209, 306-823-4456 Neilburg, SK.

1480 CASE/IH w/PU header, recent engine overhaul, \$6000 OBO. 306-734-2932, 306-690-7227, Moose Jaw, SK.

CI
4163

1995 CI 2188, 3997r/5306e hrs., AFX rotor, rice cone, commercial combine pkg., 2 spd. trans., yield & moisture monitor, internal chopper, Urvold spreader, good rubber, yearly inspection, Trimble 57-EZ Steer, 2015 PU, 810 30' header, shedded, vg cond. 306-885-4545, Sedley, SK.

CATERPILLAR LEXION
4160

2002 LEXION 480R, 3212 eng./ 2021 sep. hrs., MAV chopper, Precision PU header, Y&M, chaff spreader, Cebis monitor, 3D sieve, \$60,000. Possibly a MacDon 974 flex 36' draper avail. 204-247-0388, Roblin, MB.

2005 LEXION 580R, 2300 eng. hrs., 1675 sep. hrs., MAV chopper, 1 owner; 2005 LEXION 580R, 2440 eng. hrs., 1700 sep. hrs., MAV chopper, HP feeder house, 4WD. Both w/Cat C13 400 HP. Both dealer serviced, field ready, and new Sunnybrook cylinder and concave last season. 204-224-3532, 204-981-3080, Dugald, MB.

1998 NH TR98, 2381 sep hrs, new feeder chain & belt, bearings, grain tank liner, torque sensor hubs, springs, gearbox bearings & output shaft, rotor drive hubs, vg cond., \$32,000. gleia@wolffleia.ca . Prince Albert, SK. 403-870-0091, 403-265-4122.

1999 TX68 NH combine, 2000 eng. hrs. Mostly new bearings and belts, \$18,500. norcanseed@yahoo.com Call Nate 204-372-6552, Fisher Branch. soybeanflax.com

NH TR98, 1877 threshing hrs., hopper extension and tarp, auger extension, 2 spd. rotors, var. spd. feeder house, always shedded, well maintained, field ready, vg cond, \$38,000. 306-231-9255, St. Brieux, SK.

2006 NH CX860, 1706 threshing hrs., 2268 eng. hrs., Sunnybrook cylinder & concave, shedded, exc. cond., field ready, \$19,000. 204-445-2382 evenings, Langruth, MB.

FORD/NH
4172

1991 NH TX36, with newer Sunnybrook cylinder and new feeder chain, 2770 hrs., \$25,000; NH 971 24' straight cut header, \$4900. Call 204-638-8443, Dauphin, MB.

2004 NH CX860 w/76C header, 2131 threshing hrs, 2660 eng. hrs, regular maintenance, field ready, Larry 204-638-8384 (call), 204-638-1044 (text), Dauphin, MB.

2004 NH CX840 conventional, Y&M, airfoil chaffier, 2500 sep. hrs, rub bars and concaves redone, shedded, field ready, \$73,000. Call 306-874-7597, Naicam, SK.

1997 NH TR96, Cat V8 eng., 3882 eng hrs, 2892 threshing hrs, newer rub bars and concaves, good 30.5x32 tires, new chaffer \$9000; 1998 NH TR98, Ford six cyl., 3721 eng hrs, 2547 separator hrs, good 30.5x32 tires. Redakop chopper, Rake Up PU, \$20,000; 30' NH 94C header, TR adapters, lifters, \$18,500. 306-932-4452, SK.

TR85 HYDRO, always shedded, 2500 hrs., near new rubber, \$7900. Pro Ag Sales, 306-441-2030 anytime North Battleford SK

GLEANER
4179

1998 GLEANER R62, 2460 eng. hrs., 1878 threshing hrs., PU header, Turret unloader, 8.3 Cummins, shedded very good condition, \$48,000. 306-867-7847, Outlook, SK. Email garthweiterman@gmail.com

GLEANER L2 COMBINE, hydro, c/w 20' straight cut header, runs good, \$3000 OBO. 204-685-2864, MacGregor, MB.

1985 GLEANER N7; 1984 Gleaner N7 and 1984 Gleaner N6. All 3 combine are in excellent field ready condition. Phone 306-675-4419, Ituna, SK.

2000 R62, 8.3L Cummins eng., 3053 sep. hrs., c/w header, 12' Swathmaster PU, nice cond., field ready, \$35,000. Call for details 306-961-8291, Prince Albert, SK.

JOHN DEERE
4178

Eastwood Products
244 2nd Avenue, Arborfield, SK

Dan Edwards:
(306) 769-8663 or (306) 812-8144
danjo.edwards@sasktel.net



If it doesn't say harvest screen its not the ORIGINAL!!
Investing in a Harvest Screen® will give you a quick return on investment.

2004 JD 9660 STS, 2100 thrashing hrs., TouchSet, deluxe header controls, Precision header w/Swathmaster PU, inspection just completed, greased and ready for the field, vg cond., \$95,000 OBO. 306-843-7525, Wilkie, SK. bjbauml@sasktel.net

2004 JD 9660 STS, Integrated AutoSteer, Mud Hog RWA, Heavy Duty feeder house drive and lift cylinders, 2 sets of concaves, HID lights, Maurer Hopper Topper, stored inside. John 204-324-4018, Altona, MB.

2005 JD 9760 STS, w/2014 JD 615P PU header, 340 HP 520/85R42 duals, 1585 threshing hrs. Harvest ready. \$120,000. 780-871-3963, Paradise Valley, AB.

2009 JD 630D Draper Header, 600-900 ac./year, top cross auger, fore/aft, c/w factory transport, always stored properly, \$43,000 OBO. Please call Riley 204-526-0524; or Cale 204-720-7282. Glenboro, MB.

2011 JD 9870 w/615P 1559 eng./1078 sep. hrs.; 2010 JD 9870 w/615P 1575 eng./1081 sep. hrs., excellent condition. 306-231-6941, Pilger, SK.

3- 2014 JD S680 combines, 600 sep. eng. hrs, full load. Premium cabs, folding grain tank, Power cast spreader, big rubber (front duals), Pro-Drive, cameras, 24' auger, Contour Master, w/wo 615 PU's. (\$350,000 w/o) exc. cond. . \$365,000. 306-587-7531, Swift Current, SK. moffty100@sasktel.net

2016 JD S680 PRWD combine, 372 hrs, 580/85R42s with duals, high wear pkgs., chopper w/PowerCast tailboard, 26' auger, PowerGard Warranty til September 2021, \$319,500 USD. www.ms-diversified.com Call 320-848-2496 or 320-894-6560.

JOHN DEERE 7721 Titan II, always shedded, real good shape, asking \$5500. 204-526-2051, 204-743-2159, Holland, MB

2001 9650 JD, Greenlighted every year, new Bullet Rotor and concaves in 2016, field ready, 2692 hours, \$65,000. Call 204-873-2263, or 204-825-8211, Crystal City, MB.

1982 JD 7720, 3000 hrs., chaff spreader, always shedded, \$11,000 OBO. 204-655-3414, Dauphin, MB area.



2013 JD S690, 1830 eng./1174 sep. hrs., loaded w/all the premium features, incl. Harvest Smart, 400 bu. folding grain tank, 5 spd. feeder house, RWA, Rice and Cane tires all around, well maintained, always shedded, Extensive repairs wear parts, complete list can be provided. \$320,000. 204-612-6531, 204-981-3636, Cartier, MB.

2000 JD 9750-STs, 2980 separator hrs., 3966 engine hrs., w/dual wheel kit, \$60,000. 306-896-2311, Langenburg, SK.

JD 7720 TITAN II with 212 PU header and 224 straight cut header, field ready, \$14,500. 306-835-7830 cell, Punnichy, SK.

JOHN DEERE
4178

2 JD 9650 WALKER combines, 1 purchased new in 2003, 2237 sep. hrs., low acres in last 4 years, always shedded. Purchased 5 years ago (2002 yr.), 3423 sep. hrs., large work order at time of purchase, new eng., major Greenlight. Low hrs. on major work order. Both machines field ready. Retiring Harvey Linnen 780-838-7222, Raymore SK

1977 JD 7700 Turbo, 2800 org. hrs., new feeder chain, new sieve, like new front tires, recent new A/C compressor and PU belts, always shedded, exceptionally nice and straight all around, asking \$9500. 306-338-3369, Wadena, SK.

JD 7721 PT Titan II, very little acres last in five years, needs a gearbox, shedded, open to offers. 306-577-7164, Kisbey, SK.

STRAW WALKER COMBINE, ideal for baling; 2006 JD **9660 WTS**, 914 PU, duals, 2300/1550 hrs., \$132,500. A.E. Chicoine Farm Equipment, 306-449-2255, Storthoaks, SK.

1984 JD 7721, 2 spd. grain loss, chopper, airfoil, hopper top, new PU belts, dr. belts and tin good. 306-771-2765, Balfonie, SK.

2010 JD 9770 w/215 PU, 1200 sep. hrs, fully loaded, duals, Michel's cover, shedded, Greenlighted in 2016, \$208,000. Steven Brewster, 306-731-7235, Earl Grey SK.

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., \$50,000. Call Dave Klein, 306-957-4312, 306-695-7794, Odessa, SK.

2001 JD 9650 STS, 2843 threshing hrs., 4108 eng., 18 hrs. since Greenlight, 2 sets of concaves, very nice, \$77,000. 306-648-2801 or 306-648-7848, Gravelbourg, SK.

2012 S670 folding hopper ext., no DEF, crop catcher, 960/1106 hrs., \$245,000; 306-649-2432, 306-222-7578, Marcellin, SK.

2013 JD S690, 730 sep. hrs., 615 PU header, 520x42 duals, powercast tailboard, Pro-Drive, power fold hopper ext., \$15,000 w/o, \$319,000. 306-948-7223, Biggar, SK.

2014 JD 5680 STS, 800 sep. hrs., big duals, chopper, folding hopper top, vg cond., \$255,000. Neil 306-231-8300, Humboldt.

2009 JD 9770, **1393 hrs.**, Contour-Master feeder house, AutoHeight control, AutoSteer ready, Firestone rubber, camera system, electric roll tarp, vg, always stored inside, \$180,000. 306-595-7804, Beechy, SK.

2008 JD 9770 STS, Greenlighted, Powercast tailboard, shedded, high capacity lift cylinders, 38" duals, fully loaded. Call 306-463-8774, Kindersley, SK.

2- JD 8820 combines, one w/new motor, one has been shedded, both field ready. 780-205-8100 leave msg., Lashburn, SK.

JD 9870, lateral tilt feeder house, power-cast tailboard, 995 engine hrs., 615 sep. hrs., near field ready, \$248,000 OBO. 306-774-5877, Swift Current, SK.



TWO 2010 JD 9870's: 1440 & 1404 sep. hrs., 615 PU's. One has ProDrive. Both are excellent shape, field ready, always shedded, asking \$200,000 each. 306-435-6900, 306-435-6104, stutt.farms@gmail.com Moosomin, SK.

MASSEY FERGUSON
4181

1981 MF 550 SP Western Special, 2050 hrs., 354 Perkins, always shedded, vg cond., \$7500 OBO. 306-537-4377, 306-526-0056, Cupar, SK. jj@jivoss.com

1999 MF 8570 3800 machine hours, 260 HP PU header, field ready. Call 306-463-8416, Eston, SK.

2001 MF 8780XP w/PU header, \$45,000. Optional is 30' AgCo straight cut header for an extra \$18,000. 306-463-8416, Eston, SK.

2012 MF 9560 Combine, AutoSteer, duals, 45' FD70, PU header, \$325,000. 306-375-7645, Kyle, SK.

1980 MASSEY 706, gray cab, V8 hydro, JD PU, 24' st cut header, frt/rear spare tires on rims, flax belt, shedded from new, asking \$4000. 306-272-3911, Foam Lake, SK.

1987 MF COMBINE 850, 9001 header, 2600 hrs., always shedded, exc. shape \$6500; 1987 760 Massey combine, 2400 hrs., lots of new parts, field ready, always shedded, \$3500. 306-795-7066, Ituna, SK.

1983 MF 850, **only 1080 org. hrs.**, 354 turbo, 9001 PU header, Melroe 388 PU and chopper, always shedded. This machine is in showroom new condition all around, \$29,000. 306-338-3369, Wadena, SK.

TWO 1986 MF 860's: 1 has V8 hydro and 1 is 6 cylinder inter-cooled. Both have 2100 hrs., 9001 headers, Victory Super 8 PU's, always shedded and maintained, premium condition, new sieves, rad's, belts, bearings and numerous other repairs. Call for details, 306-338-3369, Wadena, SK.

1982 MF 860, Melroe rubber PU, always shedded, low hrs., runs good, \$6000 OBO. 306-554-2319, Wynyard, SK.

1975 MF 750 SP diesel combine, chaff spreader, straw chopper, PU, shedded, exc. shape. 306-549-4701, Hafford, SK.

1994 MF 8460 Conventional, 2850 hrs., Mercedes, Rake-Up PU, shedded, good. 306-944-4325, 306-231-8355, Bruno, SK.

1987 MF 8560, rotary, 4077 hours, PU header, straw and chaff spreaders, runs well, \$8000. 306-831-8757, Elrose, SK.

WHITE
4190

1984 WHITE 8900 combine, Perkins diesel, Melroe pickup, 20' straight cut header, 4353 hrs., bought new, always shedded. Call 204-886-2247, Teulon, MB.

WHITE 8900, 4500 hrs., shedded, comes with pickup and straight header. Open to offers. Call 204-324-8080, Altona, MB.

COMBINE ACCESSORIES

COMBINE HEADER
4199

1998 JD 930R 30' w/PU reel, hyd. fore/aft, AHHC and transport, shedded, exc. cond., \$10,000. 204-937-0876, Roblin, MB.

2005 30' HONEYBEE rigid draper header, CNH adapter, PU reel with hydraulic fore&aft, lifters, lots of spare parts, includes add-on dolly transport wheels, \$26,000. Call 204-245-0777, Cartwright, MB.

2007 AGCO 36' 5200 draper header, PU reel fits R/ SS Gleaner combines, \$25,000. Please call 204-867-0042, Minnedosa, MB. bmcncu@mts.net

2011 MACDON 45' FD70, split reel, double knife drive, gauge wheels, slow spd. trans., CIH or JD adapter, good cond. asking. \$5,900. Delivery available. 204-324-427, Altona, MB. E-mail: lenenns@mts.net

2008 CAT F540 Flex Header, AWS air reel, Crary fine cut knife system, \$25,000; 2006 CAT F540 Flex, field ready, \$18,000. 204-224-3532, 204-981-3080, Dugald, MB

2014 CASE/IH 3152 35' rigid **draper** header, slow spd. trans., low acres, field ready, \$42,000; 2008 30' & 2009 35' Case/IH 2020 flex headers, \$22,000/ea. 204-857-2585, Portage La Prairie, MB.

2016 HONEYBEE AF240, 40' header, JD adapter and transport included, \$83,000 OBO. Call 204-526-5326, Holland MB.

2 **TWIN HEADERS:** 2007 Honeybee 36' drapers, PU reels, fits Claas combines. **Very low acres**, very good condition, always shedded, \$25,000/ea. 204-242-2263 or 204-825-7239, Manitou, MB.

2009 CIH 2142, pea auger, new canvases, exc. condition, w/slow speed transport, \$43,000. 204-744-2208, St. Leon, MB.

2009 NH 74C 35' flex header, nearly new knife & guards, field ready, \$23,500 OBO. 204-445-2382, evenings. Langruth, MB.



2012 MACDON FLEX draper header 45', cross auger, split reel, JD hook up, slow spd. transport, very good condition, field ready, \$72,000. Can deliver. Call any time 204-743-2324, Cypress River, MB.

2014 CIH 3152 40' Straight Cut Header, mint condition, \$39,000. 204-648-7129, Grandview, MB.

2005 HONEYBEE 42' Cat adapter, w/pea auger, field ready, \$33,000. Virden, MB. Call 204-851-6763 or 204-748-7478.

FLEX HEADS: JD 925, 930, Case #1020 30'; #2020, 35'; 1010 PU header, \$3000. 1-866-938-8537, Portage la Prairie, MB.

WHITE MF 9230 30' straight cut header, fits White 9700, 9720 and MF 8570, \$8590, \$4000 OBO. 204-794-5979, Springfield MB

CIH FLEX PLATFORMS: 1998 CIH 1020 flex platforms, reconditioned, 25' \$14,900; 30' \$15,900. Air reel add on \$6000; 2009 CIH 2020 flex platforms, reconditioned; 30', \$19,900; 35', \$24,900. Air reel add on \$6000; 2011 CIH 3020 flex platform, re-conditioned, \$27,900; 35', \$32,900. Air reel add on \$6000. Delivery included. Gary Reimer, 204-326-7000, Reimer Farm Equipment, Hwy.#12 North, Steinbach MB

NEW HOLLAND FLEX PLATFORMS: 1998 NH 973, 25', reconditioned \$12,900; 1998 NH 973, 25' reconditioned \$15,900; 1999 NH 973, 30' reconditioned \$16,900; 2002 NH 73C, 25' reconditioned \$17,900. Gary Reimer, 204-326-7000, Reimer Farm Equipment, Hwy.#12 North, Steinbach MB

AGCO FLEX PLATFORMS: 1996 GI 500 flex platform, 30', \$12,900; 1999 GI 800 flex, 30', reconditioned, \$17,900; 2000 GI 8000 flex, 25', reconditioned, \$18,90

TILLAGE EQUIPMENT 4262



ROME DISC MODEL TAW24-30, hyd. cyl., very little work since rebuild and new blades. C.W. (Bill) Ransom, 204-534-7255 or 204-534-7390, Boissevain, MB.

IHC 6400 54' chisel plow, 12" spacing, new NH3, boots and openers, new hoses, new walking beam shafts, \$33,000. Nipawin, SK. 306-862-7138 or 306-862-5993.

JD 610, 40' floating hitch cultivator, \$7150; **Morris Magnum 45'** cultivator, \$5650. 306-946-7923, Young, SK.

COMPLETE SHANK ASSEMBLY, JD 1610, Morris Magnum, \$135.00; JD 610, Morris Magnum II, \$185.00, 306-946-7923, Young, SK.

JD 1650 DT 51' Cultivator, c/w Valmar 2420, \$3000+ on tires, hyd. rams, bearings, etc., 3-bar Degelman harrows. \$25,000. 306-493-7871, Harris, SK.

TILLAGE/SEEDING VARIOUS 4245

Precision Cam your source for implement, cow cam and farm yard camera systems. www.precisioncam.ca, Allen Leigh Security & Comm, Brandon, MB., 1-866-289-8164.

SALFORD VERTICAL TILL Model 2141, 2014, 22" coulters, c/w new set of coulters and hardware, mud guards on basket frames, field ready, pics available. Contact Gregoire Seed Farms Ltd, North Battleford, SK., 306-441-7851, 306-445-5516.

TRACTORS

ALLIS/DEUTZ 4277

TWO 1967 ALLIS CHALMERS 190's: 1 is 75HP w/belt pulley; Other is 90HP w/FEL. Both in fair shape with PTO, 2 hyds. and cab. Taking offers. Call 204-623-7533 or 204-620-4523, The Pas, MB.

CASE/IH 4286

2006 CASE MX285, 260 HP, 3PTH, 4 hyds., 3 PTO speeds, 6700 hrs., duals all around, exc. shape. 204-573-5780, Isabella, MB.

2000 MX120, equipped w/new Quicke loader, 4400 hrs.; 2000 MX170, 4600 hrs., equipped with new Quicke loader. 204-522-6333, Melita, MB.

2011 CIH STS 535 ProQuad, w/non def Big Black Cummins eng., PS, air assist luxury cab, Pro 600, AutoSteer, 36" tracks, 5 hyds., tow cable, site glasses, 2986 hrs., shedded, \$289,000. 306-287-8292, 306-287-7707, Quill Lake, SK.

2013 140A FARMALL Case/IH w/loader, 1800 hrs., \$82,000. A.E. Chicoine Farm Equipment, 306-449-2255, Storthoaks, SK.

2009 CASE/IH 435, Outback guidance, 710/70 tires, rear weights, std. trans., 4 hyds., 1700 hrs., shedded, asking \$163,000. Nipawin, SK. 306-862-7138 or 306-862-5993.

1996 CASE/IH 9370 Steiger 4 WD, triple 20.8R42, Ez-Guide 500 AutoSteer and GPS Nav. w/Display, 5445 eng., hrs., N14 Cummins 360 HP, 12 spd. synchro range trans., all clutches in exc. cond., 4 sets remote hyds. with new quick couplings, S/N #JEE0037740, very clean, excellent cond., \$74,900 OBO. 306-374-5887, Clavet, SK.

JOHN DEERE 4295

2009 JD 7830 w/7746 loader, grapple, 3 PTH, light pkg, power quad trans, 540/1000 PTO, Michelin single tires, 2079 hrs., exc cond. 204-734-3728, 204-734-8662, Swan River, MB. tgjersak@gmail.com

2011 JD 9430, 3780 hrs. Hi-Flow 78 GPM, 5 hyds., 710-70R 42 duals, Deluxe cab, PTO, exc., cond. Call Carl 306-398-7713 for more info or pictures. Cut Knife, SK.

2013 JD 9560R 4WD, 670 hrs., like new, deluxe cab, 5 remotes, GreenStar ready, hi-flow hyds., 520 triples at 95%, weight pkg., drive shaft oil change update done, always shedded, oil changed every 100 hrs. and greased daily when used. Serviced and ready to pull. Pics available upon request. Exc. cond. \$265,000 USD. 701-571-2391, Fortuna, ND. waynech@nemont.net

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.

2003 JD 6920 MFWD, front suspension, IVT transmission, 5700 hours, \$50,000. 204-648-7129, Grandview, MB.

JD 4230, 100 HP Quadshift, dual PTO hyd. 18.4x38 tires, \$13,000. 204-525-4521, Minitonas MB www.waltersequipment.com

WRECKING FOR PARTS: JD 8850 4WD, c/w (8) 24.5x32 Goodyear Dyna Torque tires 80+% tread, vg sheet metal; 1-877-564-8734, Roblin, MB.

MISCELLANEOUS 4325

JOHN DEERE 4295

2000 JD 7710, 5130 hrs; 2000 JD 8300; 2001 JD 7810; 2008 JD 7830, 5200 hrs. All MFWD, can be equipped with loaders. 204-522-6333, Melita, MB.

UTILITY TRACTORS: JD 6200, 2 WD, open station with loader; JD 5520, MFWD w/cab, loader. 204-522-6333, Melita, MB.

JD 2130 w/146 Loader, 3PTH, 1990 hrs., hi-lo, dual hyds., looks and runs like new, must be seen!! \$15,000. Call Randy at 204-729-5162, Brandon, MB.

2010 JD 9630, 530 HP, Michelin 800/70R38 tires, JD AutoSteer, \$239,000. 306-563-8765, Canora, SK.

JD 7330 FWA, 5542 hrs., w/JD 741 SL loader w/grapple and snow bucket. Loader never used. Tractor was not used for farming- used for pulling tires on ice road construction. Tractor in above avg. cond., very clean unit, shedded in summer. Retiring. Harvey Linnen 780-838-7222 Raymore, SK

2012 JD 9460R, full load, 1600 hrs., 2600 screen, PTO, great for grain cart, very clean field ready. Retiring. Harvey Linnen 780-838-7222, Raymore, SK.

2009 JOHN DEERE 9430, 4WD, 425 HP 24 spd., 4 hyds., 710/70R42 duals, 4257 hrs., original owner, nice condition, asking \$185,000. 306-725-4286, Bulyea, SK.

JD 7730 MFWD, IVT, 1325 hours. 4 hyd., dual PTO, GreenStar ready, rear duals and weight, \$135,000 OBO. 360-537-3780, McLean, SK.

1995 JD 8100, MFWD, 840 loader, PS, new tires, 9043 hrs., excellent condition, \$76,000. 306-472-7704, Woodrow, SK.

1981 JD 4640 w/707 Leon loader, 6600 hrs., 3 hyds., dual PTO, 4257 hrs., single tires, \$24,900. 306-948-7223, Biggar, SK.

1999 8410 FWA, powershift, 710 duals, 285 HP 7660 hrs., big 1000 PTO, very nice cond., \$79,000. 306-948-7223, Biggar, SK.

2007 9620 W/PTO, 4060 hrs., leather, 800 tires, 48 gal/min, dozer to sit avail., \$189,000. 306-948-7223, Biggar, SK.

WHOLESALE PRICES ON JD Tractors. 2014 8245R, FWA, duals, 2 yr. factory warranty left, very good cond., possible trades. \$149,000 Cdn; 2012 9460R, 4 WD, duals, vg cond., \$230,000 Cdn. For more info. ph Neil 306-231-8300, Humboldt, SK.

1983 JD 8450 4WD, quad shift, PTO, 8200 hrs., \$22,250 OBO; 12' Degelman bulldozer to fit, \$3200. 306-275-4446, St. Brieux SK.

2008 JD 7230 Premium, MFWD, 3 PTH, 3 hyds. w/JD 741 FEL, bucket and grapple, 2677 hrs., vg condition. 306-625-7277, Stewart Valley, SK.

2004 JD 6715, with FEL, 3 PTH, 110 HP 4950 hours, very good condition. Call 306-773-7122, Swift Current, SK.

MASSEY FERGUSON 4301

MF 1105 TRACTOR, works well, tires ok, great auger tractor, \$4500. 306-233-7305, Cudworth, SK.

MF 90 w/LOADER; MF 1100 w/loader; Case 2290 w/loader. 306-283-4747, 306-220-0429, Langham, SK.

NEW HOLLAND 4304

NH T8030 MFWD, premium 2010 PS duals front & back, 3900 hrs, 300 HP PTO, shedded, awesome for grain cart, \$120,000. Steven Brewster, 306-731-7235, Earl Grey.

2003 NH T.J450 w/full PS, 4700 hrs., mega flow hyd. 103 gal/min., 900 metric duals, \$119,000. 306-948-7223, Biggar, SK.

1999 NH 9482, Cummins M11 motor, 310 HP 20.8R38 tires 70%, 10,400 hrs., no PTO, \$44,000. 306-236-7445, Goodsoil, SK

FORD 4307

FORD TW25, FWA, 6000 hrs., w/894 Allied loader, grapple, \$19,500. 306-640-8034, 306-266-2016 Glen, Wood Mountain, SK.

FORDSON 671 TRACTOR w/7' cult., Select-O-Speed trans., exc. cond., pics available if interested. Call 306-378-7789, Elrose, SK.

VERSATILE 4310

1967 VERSATILE 118, 4 WD, Cummins V6 engine, smokes but runs good, small diffs, c/w parts tractor that has large diffs, good cond., \$4000 or will trade for an acreage tractor. 780-520-2987, Lac la Biche, AB. edzzcorner@gmail.com

VERS. 500, newer hyd. pump and rad, new batteries, 15 spd., 3 hyds., 3 PTH, PTO Big 1000, 18.4x28 duals adj. axles, recirculating heater 1500 watt, Cummins V8, AC, \$10,000 OBO. 204-967-2009 Kelwood, MB

VARIOUS TRACTORS 4319

2005 MCCORMICK MTX120 with Quicke loader, 3100 hours; **2006 MTX150**. Call 204-522-6333, Melita, MB.

MISCELLANEOUS 4325

2011 MACDON A-30D 16' sickle mower conditioner w/stub guards, low acres. \$22,500. Photos. 306-542-8517, Togo, SK.

MISCELLANEOUS 4325

MISCELLANEOUS 4325

MACDON 5000 and 5020 14' mower conditioners; Versatile 4700 25' SP swather; IH 4600 28' cult.; 2007 Hesston 956 round baler; Westward 3000 25' PT swather. 204-526-2216, 204-526-5148, Holland, MB

GLEANER M2 COMBINE, SHEDDED: Labtronics 919 moisture meter grain tester; 2 Keho aeration fans and 1 golden aeration fan, 3HP Open to offers. 204-746-8547, Morris, MB.

SEE EVEN IN the harsh light of sunrise and sunset with our WDR cameras. Allen Leigh Security & Comm, Brandon, MB., 1-866-289-8164. www.precisioncam.ca

JD 2140 TRACTOR, 3PTH, dual hyd, diff. lock, good cond.; Leon 707 loader, w/QA bucket, little use. 306-594-2904, Norquay.

ODESSA ROCKPICKER SALES: New Degelman equipment, land rollers, Straw-master, rockpickers, protill, dozer blades. 306-957-4403, 306-536-5097, Odessa, SK.

PRECISION PRESSURE WASHER: 13HP 4000 PSI at 4 GPM, diesel water heater, 2 wands, lots of nozzles. Only used for 1 hour! Leaks diesel. Both wands leak 2 new tires. Paid \$3600, no warranty. Sold 'as is where is'. I will not touch this unsafe unit. Whatdaya gimme for this pile of junk. 306-736-7800, Windthorst, SK.

1986 JD 7721 Titan II combine; Versatile 4400 24' swather, gas, with pickup reel; (2) Goebel 2300 bu. hopper bins on skids, 1 w/3 HP fan & propane burner; (2) Goebel 2500 bu. bins on wood floor; Metal Industries Ltd. 2700 bu. hopper bin on skids; Westeel 1650 bu. hopper bin on skids. 306-365-4643, Lanigan, SK.

12 VOLT ELECTRIC fuel pump, used in a slip tank, with hose and nozzle, \$250. 306-259-4430, Young, SK.

FORD 750 w/20' B&H, rollover tarp, \$8500; Vac tank, 1800 gal. and pump \$8000; IHC Model 252 forklift, gas, \$5000. 306-304-1959, Goodsoil, SK.

RETIRED: 2012 JD T-670 combine, 330 cyl hrs., 2013 JD 635 flex header, \$300,000; 2005 JD 4720 SP sprayer, 90', 1300 hrs., \$145,000; 2014 Farm King 13x70 auger swing away, PTO, \$20,000. 306-869-7141, 306-789-9992, Beaubier SK

WANTED 4328

WANTED

MF #36 DISCERS. Will pay top dollar and pick from anywhere. Phone Mike 306-723-4875, Cupar, SK.

WANTED: USED, BURNT, old or ugly tractors. Newer models too! Smith's Tractor Wrecking, 1-888-676-4847.

WANTED: NEW HOLLAND TX-68, 1999 or newer. Please contact 306-825-2824, Lloydminster, SK.

FENCING 4400

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.



16' PEELED RAILS, SPECIAL 2-3" \$3 ea., 125/bundle; 3-4" \$9.25 ea. 100/bundle. Vermette Wood Preservers, Spruce Home, SK., 1-800-667-0094. info@vwpltd.com

GUARANTEED PRESSURE TREATED fence posts, lumber slabs and rails. Call Lehner Wood Preservers Ltd., ask for Ron 306-763-4232, Prince Albert, SK.

MULCHING- TREES, BRUSH, Stumps. Call today 306-933-2950. Visit us at: www.maverickconstruction.ca



BLOCKED AND SEASONED FIREWOOD: \$180 per 160 ft.> cord; bags \$80 (incl. refundable deposit for bag). Bundles of 4'-5' or 6.5' also avail. Vermette Wood Preservers 1-800-667-0094, Spruce Home, SK.

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.

MISCELLANEOUS 4325

FORK LIFTS/ PALLET TRUCKS 4600

MODEL 6500 Massey Ferguson forklift; American 8000 lb. forklift; and IHC 8000 forklift. Call 306-627-3445, Blumenhof, SK.

GENERATORS 4725

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.

ROTARY PHASE CONVERTERS, CSA, run 220V 3 phase motors on single phase. 204-800-1859, Winnipeg, MB.

2011 MAGNUM MMG55FH, 45KVA, 240 volts, 3 phase, 60HZ, self-contained, \$15,000; 2004 Wacker G50, JD, 480 volt, 3 phase, 60HZ, self-contained, \$11,000; Ex-Government Standby Units: 1981 Condec Lima 800KW, 16V92 Detroit, 1000KVA, 3 phase, 60HZ, \$25,000; 1981 Brown Boveri 500KW, 16V92 Detroit, 625KVA, 3 phase, 60HZ, \$20,000; 1988 New Age 400KW, 12V92 Detroit, 500KVA, 3 phase, 60HZ, \$15,000. Can-Am Truck Export Ltd, 1-800-938-3323, Delisle, SK.

HEATING/AIR CONDITIONING 4850

The Icyne
Insulation System®

- Sprayed foam insulation
- Ideal for shops, barns or homes
- Healthier, Quieter, More Energy Efficient®

www.penta.ca **1-800-587-4711**

IRON/STEEL 4960

DRILL STEM: 200 3-1/2", \$45/ea; 400 2-3/8", \$34/ea; 1000 2-7/8", \$36/ea. 306-768-8555, Carrot River, SK.

2-7/8" OILFIELD TUBING, \$40 each; 3/4" sucker rods, \$6 each. Truckload quantities only. Call 306-861-1280, Weyburn, SK.

IRRIGATION EQUIPMENT 4980

NEW 2013 Cummins 8.3L natural gas irrigation motor, \$46,000; 549 Int. natural gas irrigation motor w/pump \$2500; 549 International natural gas irrigation motor, \$1000. Can-Am Truck Export Ltd., 1-800-938-3323, Delisle, SK.

WESTERN IRRIGATION: CADMAN Dealer. We **BUY** and **SELL** traveling guns, pumps, pipes, etc.; 1 Cadman 4000S wide body big gun, like new; Selling used pipe trailers & 10" pipe; Also EcoSmart water purification systems, no salt, no chemicals. Phone 306-867-9461 or 306-867-7037, Outlook, SK. E-mail: deraldreg@hotmail.com

Used pumping motors, PTO carts, 6" - 10" alum. pipe. Call Dennis to discuss your needs! **403-308-1400**, Taber, AB.

AGCanada.com Network

Search news. Read stories. Find insight.

LANDSCAPING

NURSERY/GARDENING SUPPLIES 4990



SHAVINGS: BULK PRICING and delivery available. Vermette Wood Preservers, Spruce Home, SK., 1-800-667-0094. Email info@vwpltd.com View www.vwpltd.com



SPRUCE FOR SALE!! Beautiful locally grown trees. Plan ahead and renew your shelterbelt or landscape a new yardsite, get the year round protection you need. We sell on farm near Didsbury, AB. or deliver anywhere in Western Canada. 6 - 12' spruce available. Now taking fall orders while supplies last. Phone 403-586-8733 or visit: www.didsburysprucefarms.com

MISCELLANEOUS 4325

LIVESTOCK

BISON/BUTTALO 5001

HARMONY NATURAL BISON buying all types of bison. Call or text 306-736-3454, SE Sask. dean@harmonhealthyfoods.ca

BISON WANTED - Canadian Prairie Bison is looking to contract grain finished bison, as well as calves and yearlings for growing markets. Contact Roger Provencher at 306-468-2316, roger@cdnbison.com

QUILL CREEK BISON is looking for finished, and all other types of bison. COD, paying market prices. "Producers working with Producers." Delivery points in SK. and MB. Call 306-231-9110, Quill Lake, SK.

NORTHFORK- INDUSTRY LEADER for over 15 years, is looking for finished Bison, grain or grass fed. "If you have them, we want them." Make your final call with Northfork for pricing! Guaranteed prompt payment! 514-643-4447, Winnipeg, MB.

WANT TO PURCHASE cull bison bulls and cows, \$5/lb. HHW. Finished beef steers and heifers for slaughter. We are also buying compromised cattle that can't make a long trip. Oak Ridge Meats, McCreary, 204-835-2365, 204-476-0147.

HAGMAN'S TRUCKING for all your bison transport. Local and long distance. Humane and ease of loading/unloading. Can haul up to 50,000 lbs. to the USA. Call 306-773-5909, Swift Current, 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. 1-800-667-7770.

CATTLE

AUCTIONS SALES 5005

Hwy #205, Grunthal • (204) 434-6519
GRUNTHAL, MB.
AGENT FOR T.E.A.M. MARKETING

REGULAR CATTLE SALES TUESDAY at 9 am
**** August 15th, 29th ****

Mon., August 14th, 12:00 noon
Sheep and Goat with Small Animals & Holstein Calves

CLOSED AUGUST 6-12
CLOSED AUGUST 20-26
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 #1436

WWW.GRUNTHALLIVESTOCK.COM

BLACK ANGUS 5010

OSSAWA ANGUS, MARQUETTE, MB. has for sale yearling and 2 year old bulls and open yearling heifers. Call 204-375-6658 or 204-383-0703.

BLACK ANGUS AND POLLED Hereford bulls bred for calving ease, feed efficiency, fertility and longevity. Semen tested and delivery available. Call Don Guilford, 204-873-2430, Clearwater, MB.

REGISTERED BLACK ANGUS Bulls, 3 years old, \$4000; 1 registered Black Angus cow with heifer calf, \$3500; 4 Speckle Park bred heifers. 306-594-2904, Norquay, SK.

SOUTH VIEW RANCH has **Black and Red Angus** yearling and 2 year old bulls. Ceylon, SK. Call Shane 306-869-8074, Keith 306-454-2730.

SELLING: BLACK ANGUS BULLS. Wayside Angus, Henry and Bernie Jungwirth, 306-256-3607, Cudworth, SK.

BLACK ANGUS BULLS, two year olds, semen tested, guaranteed breeders. Delivery available. 306-287-3900, 306-287-8006, Englefeld, SK. www.skinnerfarms.ca

PUREBRED BLACK ANGUS long yearling bulls, replacement heifers, AI service. Meadow Ridge Enterprises, 306-373-9140 or 306-270-6628, Saskatoon, SK.

RED ANGUS 5015

SOUTH VIEW RANCH has **Red and Black Angus** yearling and 2 yr old bulls. Ceylon, SK. Phone Shane 306-869-



[PRINT](#) | [MOBILE](#) | [ONLINE](#)


CANADA'S AG-ONLY LISTINGS GIANT

Manitoba Co-OPERATOR

THE WESTERN PRODUCER
AlbertaFarmer
AGDealer

Classified Ad Order Form

MAIL TO:
Manitoba Co-operator,
Box 9800, Winnipeg, Manitoba R3C 3K7

FAX TO:
306-653-8750

**PHONE TOLL-FREE
IN CANADA:**
1-800-667-7770

Name: _____
Phone #: _____
Address: _____
Town: _____
Province: _____ Postal Code: _____

PLEASE NOTE: Even if you do not want your name & address to appear in your ad, we need the information for our files.

PLEASE PRINT YOUR AD BELOW:

☐ I would like to take advantage of the Prepayment Bonus of 2 FREE weeks when I prepay for 3 weeks.

Classification: _____

No. of weeks _____

Minimum charge \$11.25/week (3 line word ad) _____

Each additional line \$1.98/week _____

☐ VISA ☐ MASTERCARD

Card No. _____

Expiry Date: _____

Signature: _____

Minus 10% if prepaying: _____

Add 5% GST: _____

► TOTAL: _____

Published by
Glacier FarmMedia LP,
1666 Dublin Avenue,
Winnipeg, MB R3H 0H1

WINNIPEG OFFICE
Manitoba Co-operator
1666 Dublin Avenue,
Winnipeg, MB R3H 0H1

CONDITIONS

Manitoba Co-operator reserves the right to revise, edit, classify or reject any advertisement submitted to it for publication.

Manitoba Co-operator, while assuming no responsibility for advertisements appearing in its columns, exercises the greatest care in an endeavor to restrict advertising to wholly reliable firms or individuals.

Buyers are advised to request shipment C.O.D. when purchasing from an unknown advertiser, thus minimizing the chances of fraud and eliminating the necessity of refund if the goods have already been sold.

Ads may be cancelled or changed at any time in accordance with the deadlines. Ads ordered on the term rates, which are cancelled or changed lose their special term rates.

Manitoba Co-operator accepts no responsibility for errors in advertisements after one insertion.

If you wish to have replies sent to a confidential box number please add \$5.00/week to your total. While every effort is made to forward replies to the box numbers to the advertiser as soon as possible, we accept no liability in respect of loss or damage alleged to arise through either failure or delay in forwarding such replies, however caused.

Advertisers using only a post office box number or street address must submit their name to this office before such an advertisement is accepted for this publication. Their name will be kept confidential and will not appear in any advertisement unless requested.

At Glacier FarmMedia LP we have a firm commitment to protecting your privacy and security as our customer. Glacier FarmMedia LP will only collect personal information if it is required for the proper functioning of our business. As part of our commitment to enhance customer service, we may share this personal information with other strategic business partners. For more information regarding our Customer Information Privacy Policy, write to: Privacy Officer, Glacier FarmMedia LP, 1666 Dublin Ave., Winnipeg, MB R3H 0H1.

Occasionally we make our list of subscribers available to other reputable firms whose products and services might be of interest to you. If you would prefer not to receive such offers, please contact us at the address in the preceding paragraph, or call 1-800-752-0794.

The editors and journalists who write, contribute and provide opinions to Manitoba Co-operator and Glacier FarmMedia LP attempt to provide accurate and useful opinions, information and analysis. However, the editors, journalists and Manitoba Co-operator and Glacier FarmMedia LP cannot and do not guarantee the accuracy of the information contained in this publication and the editors as well as Manitoba Co-operator and Glacier FarmMedia LP assume no responsibility for any actions or decisions taken by any reader for this publication based on any and all information provided.



Crossword

by Adrian Powell

Little Piece of Hidden Land

1	2	3	4		5	6	7	8		9	10	11	12	13
14					15					16				
17					18					19				
20				21				22						
23					24	25	26							
			27					28		29	30	31	32	
33	34	35			36			37		38				
39			40	41					42					
43						44						45		
46					47		48			49	50			
				51		52						53	54	55
56	57	58	59							60				
61							62	63	64		65			
66						67					68			
69						70					71			

ACROSS

- Beer formation
5 Light bulb, in cartoons
9 Career high points
14 "Pro" opposite
15 Derriere
16 Trouser material
17 Flying geese formations
18 An increasingly loud musical finale
coming from part of the back forty?
20 Normandy's — Beach
22 One of a vacationing busload
23 Personnel that shot "The Farmer's
Daughter" on the 4,050 sq.m. lot
hidden round the back?
27 Old church feature
28 Zebra feature
33 One way to attract customers
36 Knocker's place
38 Edmonton ice man
39 Desserts you can eat on 43,560
sq.ft. of hidden farm land?
43 Muse of love poetry
44 Footnote term for "as previously
mentioned"
45 Brewery product
46 "The ___ of Sleepy Hollow"
48 "Don't Cry for me Argentina" musical
51 Popular name for some churches
built on 10 sq. chains of secluded
fields?
56 Way beyond off-colour
60 Big blunder
61 60's sitcom with Arnold the Pig
(and clue to the word hidden in

this puzzle's theme answers)

- 65 Cedar Rapids' bailiwick
66 Works for
67 Just a smidge
68 Speedily, for short
69 Related on mom's side
70 Good potting soil
71 Important camera part

DOWN

- 1 Pandemonium
- 2 Barium procedure
- 3 George Peppard series of the '80s
- 4 Common wedding gift
- 5 The oldest Gershwin
- 6 Last calendar mo.
- 7 Spike of wheat
- 8 Ridge in the French Alps
- 9 Get used (to)
- 10 "Mask" star
- 11 Skimpy skirt
- 12 Terminates
- 13 Flue build-up
- 19 Piglets' role models
- 21 Dada movement co-founder Jean
- 24 Verdi's best known opera
- 25 Floral emblems of Manitoba
- 26 Get more inventory
- 29 Grave message?
- 30 Butterfly-shaped pelvic bones
- 31 Orange discard
- 32 Ancient Gaels spoke it
- 33 Slain shepherd of Scripture
- 34 Issue a challenge
- 35 Bit of a glitch

- 37 "Superman" star Christopher
40 Gobbled something down
41 Balderdash
42 In the centre of
47 Agent Scully of "The X-Files"
49 Most common English word
50 Antenna
52 Epic director DeMille
53 Got to one's feet
54 Martin's "Laugh-In" partner
55 Corners
56 Graceful scroll work shape
57 Muffin material
58 Antitoxins
59 The last was produced
on May 4, 2012
62 Tigger's buddy
63 YLW posting, e.g.
64 "Green Eggs and Ham" guy

SOLUTION TO PUZZLE

HEAD	LEAD	IDEA	CH	REAR	CH	ACES	END	ST
CAMERA	ACRERA	ACRES	TOWNS	SP	IRE	ST	IP	ES
ADS	DOOR	ACR	EA	MPI	LES	ALL	LEGAT	END
BANAN	AN	DOOR	EA	MPI	LES	ALL	LEGAT	END
SAC	RED	ERROR	TA	LE	TA	LE	LEGAT	END
OBSC	ENE	AN	DOOR	EA	MPI	LES	ALL	LEGAT
GREEN	NE	AN	DOOR	EA	MPI	LES	ALL	LEGAT
ENANTS	TO	TA	ASP	AN	LES	ALL	LEGAT	END
ENANTS	TO	TA	ASP	AN	LES	ALL	LEGAT	END

TAKE FIVE

Sudoku

		6				8	3	
		4	6				2	
	3			1	9			
8	6		7					
		1				4		
					2		1	6
			1	5			4	
	4				3	7		
	2	9				5		

Puzzle by websudoku.com

Last week's answer

3	1	7	9	8	2	4	5	6
4	8	5	3	6	1	7	9	2
6	2	9	7	4	5	3	8	1
1	5	6	4	7	8	2	3	9
9	4	3	2	1	6	5	7	8
2	7	8	5	9	3	6	1	4
7	6	2	1	5	9	8	4	3
8	9	4	6	3	7	1	2	5
5	3	1	8	2	4	9	6	7

Puzzle by websudoku.com

Here's How It Works:

Sudoku puzzles are formatted as a 9x9 grid, broken down into nine 3x3 boxes. To solve a sudoku, the numbers 1 through 9 must fill each row, column and box. Each number can appear only once in each row, column and box. You can figure out the order in which the numbers will appear by using the numeric clues already provided in the boxes. The more numbers you name, the easier it gets to solve the puzzle!

AUCTION SALES 5305

RANCH COUNTRY HORSE SALE (Perrin, Parsonage, Bertrams) on Sat., Sept. 9th, 1:00 PM. Sale Preview 9:30 AM. Rodeo Grounds, Maple Creek, SK. Complimentary breakfast 8:00-9:30 AM. Approx. 30 foals from the members. Approx. 30 riding horses from members and guest consignors. For catalogue and info call Ken Perrin, 306-662-3730, Lou Parsonage, 306-299-4474. Catalogue online at: www.northernhorse.com/ranchcountry

9TH ANNUAL PRAIRIE Harvest Horse Sale Sunday, August 20, 2017, 1:00 PM at Johnstone Auction Mart, Moose Jaw, SK. Featuring quality Ranch/Pleasure/Show geldings and mares, well started younger geldings and mares, broodmares, yearlings and 2 yr olds, teams, Reg. and Grade. View catalogue at: www.johnstoneauction.ca More info. ph Scott Johnstone, Auctioneer, 306-631-0767; Glen Gabel, Consultant/Marketing, 306-536-1927. PL 914447

QUARTER HORSE 5415

HORSE SALE: 20TH Annual September Showcase. Moose Mountain Ranch selling over 50 head of exceptional prospects, Sept 9, 1 PM. OBO. Weyburn Livestock Exchange, SK. www.septembershowcasesale.com

11 YR. QH gelding, 15.3 HH, broke to ride, quiet, \$1800 OBO; Yearling filly buckskin colt, \$500. 306-281-8440, Saskatoon, SK.

SHEEP

AUCTION SALES 5505

WINNIPEG LIVESTOCK SALES LTD.

SPECIAL ETHNIC SHEEP LAMB AND GOAT SALE
Wed. August 16th 1:00
This is a week away from the largest Muslim holiday sacrifice before the Eid al-Adha. Last year we have seen a 15-30 cent premium. Extra local, and eastern buyers and orders on the market. Assembly point and transportation assistance for producers on the west side of the province. Delivery of livestock from Tuesday 8 pm to sale time on Wednesday. FOR MORE INFORMATION OR TO CONSIGN PLEASE CALL 204-694-8328.

"Where Buyers & Sellers Meet"
To Consign or for more information call: 204-694-8328 Mike
www.winnipeglivestocksales.com
Licence #1122

SHEEP VARIOUS 5590

RAMBOILLET AND SUFFOOK cross ewe lambs, \$300 each. 204-871-6067, Poplar Point, MB.

78 SUFFOLK/CHEVOIT CROSS EWES and 4 rams, asking \$225 per ewe. Call 204-842-3694, Birtle, MB.

HAMPSHIRE AND DORSET breeding ewe ram lambs and yearlings for sale. Call Heeroma's 306-823-4526, Neilburg, SK.

SWINE

SWINE WANTED 5625

WANTED: BUTCHER HOGS
SOWS AND BOARS FOR EXPORT
P. QUINTAINE & SON LTD.
728-7549
Licence No. 1123

POULTRY

BIRDS VARIOUS 5732

READY TO LAY pullets: White (\$8) & Brown (\$9) egg layers for end of October pick up. 306-435-3530, Moosomin, SK.

POULTRY VARIOUS 5740

CLUCK AND QUACK POULTRY CLUB Annual Sale. Poultry, small animals, equipment and crafts. Saturday, August 26th, 10:00AM-4:00PM, Hazelridge Sports Complex, 26 Memorial Street, Hazelridge, MB. (off Garven Road) For vendor info. contact Al 204-467-8654, email: govilon@mts.net

PUREBRED AND CROSSBRED Bird and Small Animal Auction, Sunday, Sept. 17, 11:00 AM, at the Weyburn Ag Society Building, Exhibition Grounds, Weyburn, SK. To consign call Charlotte 306-861-6305.



BROWN AND WHITE Novogen Layers, ready end of August. Hardy and good egg production. 306-225-4446, Hepburn, SK.

SPECIALTY

ELK 5260

NORTHFORK- INDUSTRY LEADER for over 15 years, is looking for Elk. "If you have them, we want them." Make your final call with Northfork for pricing! Guaranteed prompt payment! 514-643-4447, Winnipeg, MB.

HYDRAULIC ELK FENCE roller, \$2000 OBO. Ph/text 204-723-0234, Notre Dame, MB.

BUYING ELK for local and international meat markets. Paying up to \$12 per kg FOB plant. Phone Ian at 204-848-2498 or 204-867-0085.

WANTED: 400 plus bull elk and reindeer bulls. Shewchuk Seeds, Blaine Lake, SK. 306-497-3576 or text 639-317-4645.

LIVESTOCK VARIOUS 5285

KEEP AN EYE on your livestock no matter where you go with your Smartphone. www.precisioncam.ca. Allen Leigh Security & Comm, Brandon, MB., 1-866-289-8164.

LIVESTOCK EQUIPMENT 5290

LIVESTOCK EQUIPMENT: JD 567 round baler, Mega wide PU, only baled 8500 bales; MacDon 922 16' MoCo hay header; Hi-Qual cattle handling system; Hi-Qual calving pen; Chop troughs, steel panels and feeders. 306-697-7373, Grenfell, SK.

KELLN SOLAR SUMMER/WINTER WATERING System, provides water in remote areas, improves water quality, increases pasture productivity, extends dugout life. St. Claude/Portage, 204-379-2763.

OUTDOOR RATED and specially designed for the harsh conditions of the prairies. www.precisioncam.ca. Allen Leigh Security & Comm, Brandon, MB., 1-866-289-8164.

GREG'S WELDING: Freestanding 30' 5 bar panels, all 2-7/8" drill stem construction, \$450; 24'x5.5' panels, 2-7/8" pipe w/5-1" sucker rods, \$340; 24'x6' panels, 2-7/8" pipe with 6-1" rods, \$365; 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.

FREESTANDING CORRAL PANELS for cattle, horses, bison and sheep. Bale feeders; Belted feed troughs; 10' panels; Windbreak frames; Swinging gates; Framed gates; Panels with gates mounted; Round pen kits starting at \$1495; Palpatation chute. Deal of the year - Freestanding 21' for \$219! Call 1-844-500-5341, www.affordablelivestockequipment.com

FREESTANDING PANELS: 30' windbreak panels; 6-bar 24' and 30' panels; 10', 20' and 30' feed troughs; Bale shredder bunks; Silage bunks; Feeder panels; HD bale feeders; All metal 16' and 24' calf shelters. Will custom build. 306-424-2094, Kendal, SK.

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.

FFS- FUCHS FARM SUPPLY is your partner in agriculture stocking mixer, cutter, feed wagons and bale shredders and industry leading Rol-Oyl cattle oilers. 306-762-2125, Vibank, SK. www.fuchs.ca

CATTLE SHELTER PACKAGES or built on site. For early booking call 1-800-667-4990 or visit our website: www.warmanhomecentre.com

STEEL VIEW MFG. Self-standing panels, windbreaks, silage/hay bunks, feeder panels, sucker rod fence posts. Custom orders. Call Shane 306-493-2300, Delisle, SK. www.steelviewmfg.com

SVEN ROLLER MILLS. Built for over 40 years. PTO/elec. drive, 40 to 1000 bu./hr. Example: 300 bu./hr. unit costs \$11/hr. to run. Rolls peas and all grains. We regroove and repair all makes of mills. Call Apollo Machine 306-242-9884, 1-877-255-0187. www.apollomachineandproducts.com

HI-HOG CATTLE SQUEEZE. Call 306-773-1049 or 306-741-6513, Swift Current, SK.

2002 51DXIT CASE payloader with grapple fork. Call 306-773-1049 or 306-741-6513, Swift Current, SK.

MISC. ARTICLES 5850

USED PIPE, SUCKER Rods: 2 3/8", 2 7/8", 3 1/2" pipe, \$36 ea. 7/8", 1" sucker rods, \$12 each. 306-460-7966, 306-460-4166, Kindersley, SK.

NOTICES 5925

NOTRE DAME USED OIL & FILTER DEPOT
• Buy Used Oil
• Buy Batteries
• Collect Used Filters
• Collect Oil Containers
• Antifreeze
Southern, Eastern and Western Manitoba
Tel: 204-248-2110

ORGANIC PRODUCTS

CERTIFICATION SERVICES 5943

WANT THE ORGANIC ADVANTAGE? Contact an organic Agrologist at Pro-Cert for information on organic farming: prospects, transition, barriers, benefits, certification and marketing. Call 306-382-1299, Saskatoon, SK. or info@pro-cert.org

GRAINS 5947

WANTED: ORGANIC LENTILS, peas and chickpeas. Stonehenge Organics, Assiniboia, SK., 306-640-8600, 306-640-8437.

Syd



First, I've had a bit of a bad day. Second, Mom's going to need another box of wine.

GRAINS 5947

Bioriginal

Bioriginal Food & Science Corp. is actively purchasing:

- Organic Flax Seed
- Organic Hemp Seed and;
- Borage Seed

(from the 2016 crop year)

We are also contracting for the upcoming growing season.

For more information please contact:
Sandy Jolicoeur at (306) 975-9251 or email crops@bioriginal.com



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! 1-800-667-7770.

PERSONAL VARIOUS 5952

SINGLE MEN.. SINGLE LADIES.. Happy relationships, we can help you find each other! Candlelight Matchmakers, in person interviews/photos, profiles, confidential, affordable, serving MB, SK, NW. ON. Email candlelightmatchmakers@gmail.com Call 204-343-2475

ARE YOU SINGLE and would rather be in love? Camelot Introductions has been successfully matching people for over 23 years. In-person interviews by Intuitive Matchmaker in MB and SK. Call 306-978-LOVE (5683), 204-257-LOVE (5683) www.camelotintroductions.com

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 with in 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, On.

WORKING DOGS 5923

AUSTRALIAN SHEPHERD PUPS, good agility prospect, parents have good working instincts, first shots, ready July 22. \$700-850. Debden, SK. Call or text 306-468-4545 or bar649@hotmail.ca

TRI-COLORED BORDER Collie puppies 8 females, 1 male. First shots, dewormed, microchipped. Out of working parents, references available. Davey Cattle Company Ltd., 306-843-7606, Wilkie, SK.

REAL ESTATE

B.C. PROPERTIES 6110

SUCCESSFUL TIRE AND AUTO business has been in operation for 50 years. This successful enterprise is a turnkey business with increasing sales over \$500,000 per year. This is a unique opportunity to live and work in the beautiful town of Nelson B.C. Call Pat Siller 250-352-3591 for complete informational package. \$500,000. patsiller09@gmail.com

COMMERCIAL BUILDINGS/LAND 6115

FORMER CAR DEALERSHIP in Canora, SK. Approx. 4 acres of land, 11,200 sq. ft. building, 12' showroom ceiling, 15' shop, 2 overhead doors, air compressor system, Phase II environmental available. \$575,000. Phone 306-621-8011.

COTTAGE/LOTS 6125

NEED a back yard retreat? We have tiny pre-built log cabins ready to be loaded onto your trailer. Plug and play models! Also log cabin logs and log siding. Call Rouck Bros., Lumby, BC., 1-800-960-3388 or visit: www.rouckbros.com

HOUSES/LOTS 6126

AFFORDABLE HOME, 3 bdrm, move-in ready w/finished basement, attached 2 car garage, large storage shop on 1/2 acre. \$84,000. Can email website. 306-571-9297 Buchanan, SK. yatesg@live.ca

TIMBER FRAMES, LOG STRUCTURES and Vertical Log Cabins. Log home refining 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

CANWOOD, SK. 2+ 1 bedroom bungalow, finished basement, fenced yard and shed, village has all amenities. Close to fishing, golfing and hunting. Seller motivated. Serious inquiries only. Call 780-913-1901.

MOBILE HOMES 6127

1962 HOUSE TRAILER, 3 bdrm, 1 bath, 14x62. Recent upgrades. Kitchen appliances, washer and dryer included. Axles and tires still attached. To be moved by buyer. \$9000 OBO. 403-741-7886, Castor, AB. dietzelbelinda@hotmail.com

1996 SRI AVONLEA, 16x76 with 13x14 entry addition, 3 bdrm, 2 bath, \$40,000 OBO. 204-937-7202, Roblin, MB.

12X60 MOBILE HOME, 2 bdms, newer appliances, w/10x12 porch. Best offer takes all. 306-482-5121, Carnduff, SK.

YELLOWHEAD MODULAR HOME SALES, Canadian built by Moduline. Elite price event on now: 960 sq. ft., 2 bdrm, 2 bath, \$79,900; 1216 sq. ft., 3 bdrm, 2 bath, \$89,900; 1520 sq. ft., 3 or 4 bdrm, 2 bath, \$109,900. 306-496-7538, weekend calls. www.yellowmodularhomesales.ca

WWW.MEDALLION-HOMES.CA modular homes/lake houses/RTM's. Visit our sales lot, or check online for stock, homes and all other plans. Factory direct orders built to your specs! Trade-ins welcome, buy and sell used homes. Hwy 2 South, Prince Albert, SK. Call 306-764-2121 or toll free 1-800-249-3969.

READY TO MOVE 6128

RTM OR SITE BUILT Custom Homes and Cottages. 40+ years experience. Call or text 204-324-7179, Don Ginter Construction, Altona, MB.

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. 204-571-1254, elnicol@mymts.net

RTMS AND SITE built homes. Call 1-866-933-9595, or go online for pictures and pricing at: www.warmanhomes.ca

J&H HOMES: Western Canada's most trusted RTM Home Builder since 1969. View at www.jhhomes.com 306-652-5322

HOME HARDWARE RTM Homes and Cottages. Phone 1-800-663-3350 or go online for floor plans and specs at: www.northbattlfordhomehardware.com

FARM & RANCHES

SASKATCHEWAN 6133

SE OF MELVILLE, SK: 22 quarters (3463 acres) predominantly H soil (Oxbow Loan) all in grass/Alfalfa can go back to grain, new assessment \$3,393,300. Exclusive listing \$3,535,000. Royal LePage Premier Realty, Larry Hanowski, 306-728-9033 Email: hanowskifarms@sasktel.net

FARMLAND NE SK(Clemenceau) 4 quarters plus 36 acre riverside parcel w/5 bdrm. home. Featuring: bins on concrete with direct hit on railroad cars, 40 acres of mostly mature spruce timber, 2 farmyards- 1 bordering Etomami River and 50 miles of provincial forest, excellent elk hunting and other big game and goose. 580 acres wheat, mustard, barley & peas. Full line of farm and sawmill equipment also available Will separate. Reg Hertz, 306-865-7469.

RM CANWOOD #494, 3 quarters: Grain, pasture and hay, 265 acres cult. On school bus route. UG power and phone on 2 good yard sites, 2013 assessment 203,700. 306-747-2775 after 6 PM, Shellbrook, SK.



HAMMOND REALTY RM 250 Last Mountain Valley. Beautiful acreage with a view of Last Mountain Lake. Well-maintained 4 bdrm. bungalow w/open concept kitchen and dining room, double attached garage, machine shed, workshop, barn, garden sheds and single detached garage. 159 acres with an additional 3 quarters of land available. Perfect for livestock. Alpaca herd is negotiable. MLS SK602798 \$663,000. Call Anne Morrow 306-435-6617. www.royallepagekindersley.ca

NORTH BATTLEFORD AREA: 644 acres riverfront property, 2 log cabins, fenced, fantastic views, \$875,000; Near Elrose: 4 quarters deeded, 8 quarters leased, new home, complete yardsite w/outdoor riding arena, \$1,850,000; South of Kindersley: 160 acres with 2880 sq. ft. log home, shop, garage, beautiful property, \$990,000. Could be subdivided as an acreage, \$690,000; South of Kindersley: 17.3 acres complete yardsite, beautiful view, \$279,000. Call Arlene Boisjoli, Royal LePage Wheat Country Realty, Kindersley, SK, 306-463-4910 or 306-460-7785. Email royal3@sasktel.net View listings at www.royallepagekindersley.ca

RANCH FOR SALE between Glaslyn & Cochin, SK. 17 quarters of hay land & pasture land, will hold 200 cows. 306-342-4433.

SASKATCHEWAN 6133

KINDERSLEY AREA: 123 acres, 2 homes, 2 shops, Kindersley waterline, cash renter in place, \$695,000. Arlene Boisjoli, Royal LePage Wheat Country Realty, Kindersley, SK, 306-463-4910, 306-460-7785, email royal3@sasktel.net Amy Greenwood, 306-460-8692, amygreenwood@royallepage.ca www.royallepagekindersley.ca

FARMLAND FOR SALE by Tender. RM of Argyle #1, 6 quarters. One section: NE NW SE SW of 25-01-30-W1, SE-36-01-30-W1 and SW 36-01-30-W1. Tenders must be received on or before Aug. 31, 2017. Submit written tenders to: Bonner Enterprises Inc, 54 St. Andrews Bay, Emerald Park, SK. S4L 1A1. 306-781-3377, 306-535-7822 Dale. Highest or any tender not necessarily accepted.

TOM@SASKFARMAND.COM RM Torch River. Recreation 138 acres w/White Fox River running through. 30 acres in grain, 60 pasture. Minutes from Tobin Lake. \$165,000 MLS. Tom Neufeld 306-260-7838, Coldwell Banker.

TOM@SASKFARMLAND.COM Borden 27 acre hobby farm. 2008 1440 sq. ft. home. ICF block basement, outbuildings, pasture, shelterbelts. \$409,000 MLS. Tom Neufeld 306-260-7838, Coldwell Banker.

TOM@SASKFARMLAND.COM RM of McCraney. 958 acres of good quality cult. dirt. Average assess. \$124,000/quarter. Tenant (2017). Will sell individual quarters. \$930,000 MLS. Tom 306-260-7838.



LIVESTOCK, cow/calf, sheep, horses, chickens, etc. Barn, quonsets, house. Viscount, SK. \$399,900. MLS# 617574, Art Urbanowski, Royal LePage Hallmark, Saskatoon, SK, 306-222-2206.

RM OF MANITOU LAKE for sale by Tender. 11 quarters offered in three parcels. Cropland, pasture, oil revenue, and grain bins. Details at www.boothlandtender.ca Tender closes 12 PM, August 29, 2017. Vern McClelland, Associate Broker, Re/Max Lloydminster, 780-808-2700.

MANITOBA 6134

ORGANIC FARM, 145 acres, 3296 sq. ft. home, potential for various business ventures! Call 204-937-3160, Boggy Creek, MB. Web page: boggycreek.ca

FARM & HOUSE FOR SALE in RM of Armstrong. Offers are invited under sealed bids to purchase property. Cattle/grain/sheep operation. Fully renovated house, approx. 1300 sq.ft. w/900 sq.ft. basement, attached double garage. 800 ac. of owned land, 1600 ac. in leases. Owned land: NE 29-21-01 W; NW 29-21-01 W; SW 33-21-01 W; SW 08-21-01 E; SE 08-21-01 E. 30' x 120' loafing barn w/inside heated waterers. 40'x96' fully enclosed calving/lambing barn with inside/outside heated waterers, heated/insulated pump room. 40'x128' loafing barn w/well. 38'x60' quonset. 7 miles+ of three wire high tensile electric fence. Hog manure access possible. Offers will be accepted to and including midnight on the 31st day of August, 2017. The highest or not necessarily any offer will be accepted and the Vendor reserves the right to reject any or all offers. Bidder will be contacted if offer is accepted. All offers must be signed and dated. Offers to be sent to: John-Paul Avison. Box 217, Arborg, MB. R0C 0A0. For additional info/viewing, call 204-664-2019.

FOR SALE BY TENDER: RM of Grey, 160 acres south of Fannystelle, MB. NE 34-08-03 W, SE 35-08-03 W. Tenders will be accepted until September 1, 2017 to Susan Becker at sbecker4@gmail.com or Box 292, Starbuck, MB., R0G 2P0. Preference to sell together however consideration may be given to selling parcels separately. Highest bid not necessarily accepted. Selected bid will be advised within three weeks of closing date.

SHERRI SCOTT OF McCreary, MB is offering the following private land for sale: SE 31-22-12 W; E 1/2 18-22-12 W; SE 24-22-13 W; W 1/2 10-23-12 W. The successful purchaser 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: W 1/2 19-22-12 W; NW 29-22-12 W; E 1/2 30-22-12 W; NW 30-22-12 W; NE 31-22-12 W; SEC 32-22-12 W; W 1/2 33-22-12 W; SEC 4-23-12 W; S 1/2 5-23-12; SE 6-23-12 W; SEC 9-23-12 W; NE 12-22-13 W; E 1/2 23-22-13 W; NE 24-22-13 W; E 1/2 25-22-13 W; SE 26-22-13 W; E 1/2 36-22-13 W. If you wish to purchase this private land contact Lessee Sherri Scott at Box 339, McCreary, MB., R0J 1B0. If you wish to comment on or object the eligibility of this unit transfer write the Director, Manitoba Agriculture, Ag Crown Lands, PO Box 1286, Minnedosa, MB., R0J 1E0, or fax 204-867-6578.

MB FARMS: BELMONT area, 256 acres with nearly new home, livestock facilities & shop; Morden, 1/4 sec. bison ranch, good home, heated shop, barns & secure handling corrals, small campgrounds included along w/20 bison cows; Swan River south, 458 acre mixed farm, excellent home, heated shop in a picturesque setting. Contact Grant Tweed, Century21westman.com Brandon, MB. Phone: 204-761-6884, Email: grant.tweed@century21.ca

WANT TO RENT: HAYLAND or pasture land suitable for grain production. Top \$ paid. Phone 204-841-1508.

BORIS PAUL HARRISON is offering the following private land for sale: NW 26-29-18 W; SW 26-29-18 W; SE 26-29-18 W; SE 34-29-18 W. The successful purchaser will be considered by Manitoba Agriculture for possible transfer of the Crown land forage lease associated with this ranch

CAMPERS/TRAILERS
6164

16' TRIPLE E camper, refurbished, \$2000 & 2012 25' Gulf Stream, loaded, \$14,000; 31' beaver tailed triple duals axle goose-neck flatbed. 306-627-3445 Blumenhof, SK

MOTOR HOMES
6166

2014 FLEETWOOD JAMBOREE Sport motor home, Model 31M, 6330 miles, like new condition. 306-287-3767, Watson, SK.

2007 CLASS A Triple E Embassy 34', gas, 23,000 kms, V10 on Ford chassis, hyd. leveling system, lots of extras, \$55,000 OBO. Call 306-533-9017, White City, SK.

RENTAL/ACCOMODATIONS

APARTMENT/HOUSES
6210

APARTMENTS FOR RENT, Langham, SK. Quiet, well maintained, close to schools. 1 and 2 bedrooms starting at \$650. Contact Blaise at 306-349-9351.

RESTAURANT SUPPLIES
6320

RESTAURANT STYLE BOOTH seating, steel frame, plywood seats and tops, exc. cond., 306-664-3377, Saskatoon, SK.

PEDIGREED SEED

NOTICE TO SEED ADVERTISERS

The Seeds Regulations prohibit the advertisement or sale of common seed of the major crop kinds by variety name. A variety name may only be applied to pedigreed seed that has been grown, processed, sampled, tested and graded as set out in the Seeds Regulations. Furthermore, seed of unregistered varieties of the crop kinds subject to variety registration may not be sold in Canada even when labelled as common seed.

For more information contact the Canadian Food Inspection Agency, Seed Section at: seedsemence@inspection.gc.ca or phone 1-800-442-2342

CEREAL SEEDS

RYE
6413

Guttino Hybrid Fall Rye

High yielding - excellent for silage
Very good lodging resistance
Highest falling number for milling
Excellent winter survival

AND

AAC Gateway Winter Wheat

High yielding with FHB resistance

Call 403-715-9771 for more information



www.seednet.ca

CERTIFIED PRIMA FALL RYE. Hickseed Ltd., Mossbank, SK., Barry 306-354-7998 or Dale 306-229-9517.

FORAGE SEEDS

ALFALFA
6425

TOP QUALITY CERTIFIED alfalfa and grass seed. Call Gary or Janice Waterhouse 306-874-5684, Naicam, SK.

PULSE CROPS

BEANS
6445

COMMON #1 SOYBEAN: Norcan restores grain farm profitability. Buy from Norcan and keep your own Glyphosphate 1 soybean seed. Norcan farmers have reported yields over 60 bu./acre. Call/text Nate, 204-280-1202 or Norcan Seeds 204-372-6552, Fisher Branch, MB.

SPECIALTY CROPS

MUSTARD
6467

BESCO GRAIN LTD. Buying all varieties of mustard. Also canary and some other specialty crops. 204-745-3662, Brunkild, MB

Go public with an ad in the Manitoba Co-operator classifieds. Phone 1-800-667-7770.

Looking for off grade mustard, lentils or chickpeas. Custom color sorting of all types of crops. Ackerman Ag Services, 306-631-9577, Chamberlain, SK.



CANADA'S AG-ONLY LISTINGS GIANT

PRINT | MOBILE | ONLINE 

WHEAT
6419

PINTAIL WINTER WHEAT



- Very High Yielding
 - Excellent Dual Purpose: Forage or Grain
 - Reduced awn, Ideal for Swath Grazing, Silage, Greenfeed ,Late Fall or Early Spring Grazing
 - Low Inputs = Higher Profits
- 8 out of 10 years Winter Wheat nets more profit than any other crop

EXTREMELY HARDY
Ideal for First Time Growers

Grower Comments:

Paul Hofer, Silver Creek Colony, Ferintosh, AB
"I have grown Fall Rye & Winter Triticale and this is the only winter crop I've never had to touch up with spot seeding in the spring. It is the toughest crop I've ever grown."

Dwight Cole, Brownfield, AB
Text or Call 780-608-5778

- Most profitable crop ever grown
- Highest wheat yield ever: 84 bu/ac
- Best wheat crop he or his 88 year old father has ever seen on their farm
- Farmers drove for miles to look at it
- 101 B-train loads sold off the combine at top price before most farmers had even started, and before the wet weather hit

mastinseeds.com
403-556-2609

CERT. MOATS CWRW, 99% germ., 0% fusarium. New fdn. AAC wildfire CWRW. Big Dog Seeds Inc. 306-483-2963, Oxbow, SK.

WWW.TRAWINSEEDS.CA Cert. AC Emerson winter wheat. Call Trawin Seeds, 306-752-4060, Melfort, SK.

CERTIFIED MOATS HRWW, 0% fusarium. Ready for immediate pick up. Call Myles at Fox Family Farm 306-648-8337, Gravelbourg, SK. Visit us: www.foxfamilyfarm.ca

CERTIFIED #1 CDC MOATS winter wheat. Hickseed Ltd., Mossbank, SK., Barry 306-354-7998 or Dale 306-229-9517.

COMMON SEED

CEREAL SEEDS
6482

HIGH YIELD FALL RYE seed, exc. germ., cleaned, field ready, no chemicals, reasonable offers. 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.

PULSE CROPS
6494

COMMON #1 SOYBEAN: Gly Soybean Seed, early, mid, & long season available. Top yield, bulk or bagged. Keep your own seeds with the convenience of Glyphosate! No contracts or TUA's. Dealers wanted. Call/text Nate, 204-280-1202 or Norcan Seeds 204-372-6552, Fisher Branch, MB.

COMMON #1 SOYBEAN: Norcan restores grain farm profitability. Buy from Norcan and keep your own Glyphosphate 1 soybean seed. Norcan farmers have reported yields over 60 bu./acre. Call/text Nate, 204-280-1202 or Norcan Seeds 204-372-6552, Fisher Branch, MB.

FEED MISCELLANEOUS

FEED GRAIN
6505

WANTED 

WANTED HEATED CANOLA. No broker involved. Sell direct to crushing plant. Cash on delivery or pickup. 306-228-7306 or 306-228-7325, no texts. Unity, SK.

Syd



This isn't just a car. It is an investment you'll be pouring money into.

FEED GRAIN
6505

SEED-EX Inc.

WE BUY:

- 2 and 6 row Malt Barley
- 15.0+ protein Hard Red Spring Wheat and 11.5 Protein Winter Wheat
- Feed Wheat, Barley, Corn and Pea's

Farm Pick up Available
1-800-258-7434
matt@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, MINNEDOSA

1-204-867-8163



AGCanada.com

Network 

Search news. Read stories. Find insight.



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!

BUYING: HEATED CANOLA & FLAX

- Competitive Prices
- Prompt Movement
- Spring Threshed

WESTCAN "ON FARM PICK UP"
1-877-250-5252

LACKAWANNA PRODUCTS CORP. Buyers and sellers of all types of feed grain and grain by-products. Contact Bill Hajt or Christopher Lent at 306-862-2723. clent@lpctrade.com bhajt@lpctrade.com

WANTED: FEED GRAIN, barley, wheat, peas, green or damaged canola. Phone Gary 306-823-4493, Neilburg, SK.

TRADES/TECHNICAL
8044

FEED GRAIN
6505



Canola Wanted

SPRING THRESHED - HEATED - GREEN
All Damaged Canola Welcome

FREIGHT OPTIONS
DELIVERY CONTRACTS
SCHEDULED DELIVERIES

CONTACT US:
1-866-388-6284
www.milliganbiofuels.com

ATTENTION

NUVISION COMMODITIES is currently purchasing feed barley, wheat, peas and milling oats. 204-758-3401, St. Jean, MB.

WANTED: FEED BARLEY Buffalo Plains Cattle Company is looking to purchase barley. For pricing and delivery dates, call Kristen 306-624-2381, Bethune, 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.

SOYBEAN FEED GRAIN for cattle, \$7.50/bu del. bit.ly/2usKpxU 204-372-6552 Nate. norcanseed@yahoo.com soybeanflax.com

HAY/STRAW
6510

ROUND ALFALFA/ALFALFA GRASS solid core greenfeed 5x6 JD hay bales for sale. Call 306-237-4582, Perdue, SK.

450 FIRST CUT Alfalfa bales, no rain, 1400 lbs., 5.5x5', 8c/pound, heifer trade, OBO. 306-526-8318, Qu'Appelle, SK.

APPROX. 500 LARGE round 2017 bales, mostly alfalfa grass w/higher alfalfa contents, also some tame grass hay (min. le-gume content) approx. 1300 lbs. Some 2016 bales avail. Could load. Ken Sweet-land 204-762-5512, Lundar/Eriksdale, MB.

2000 ROUND HAY bales 1600-1700 pounds, 2016/2017, delivery available. Call 204-345-8532, Lac Du Bonnet, MB.

APPROX. 150 HAY BALES, 1000 lbs., \$18 per bale. 204-243-2642, Poplar Point, MB

LARGE ROUND ALFALFA bales with some grass. Baled with JD 368 and 369 balers, \$45/bale. Phone 204-476-6907, Neepawa, MB.

ASSORTED HAY FOR SALE. Can deliver and also purchase hay. Phone or text Hay Vern 204-729-7297, Brandon, MB.

ONE SECTION OF standing oats for green feed in Aylesbury, SK area. Best offer. Phone Cliff Luther at 306-734-2997.

LONG LAKE TRUCKING, two units, custom hay hauling. 306-567-7100, Imperial, SK.

ROUND BALE PICKING and hauling, small or large loads. Travel anywhere. Also hay for sale. 306-291-9658, Vanscoy, SK.

SQUARE HAY BALES, no rain, \$5/each. Call 306-837-7418 or 306-837-7634. Loon Lake, SK.

1500 ROUND HAY bales 2017 crop, approx. 1500 lbs., baled w/no rain. Located near Prince Albert, SK., ph 306-961-6499.

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.

TRIPLE SUPERPHOSPHATE FERTILIZER (46% P2O5) FOB S-E Sask. 540 CAD/MT. Excellent fall P amendment product. Also available: gran urea, MAP and AMS for Q3/Q4 by rail. ryan@v6agronomy.com

FEED WANTED
6540



WE BUY OATS

Call us today for pricing
Box 424, Emerson, MB R0A 0L0
204-373-2328

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.

TRADES/TECHNICAL
8044

TARPAULINS
6925

TARPCO, SHUR-LOK, MICHEL'S sales, service, installations, repairs. Canadian company. We carry aeration socks and grain bags. Also electric chute openers for grain trailer hoppers. 1-866-663-0000.

TIRES
7050



30 GOOD USED rock truck or scraper tires, 23.5R25; 6 good condition, used 30/65R25 rock truck or loader tires. \$1500 or lower each. Will take offers for all tires. Ph Jake 204-743-2324, Cypress River, MB.

8 GOODYEAR 24.5x32 DynaTorque II 10 ply rating tires, 80+% tread, very good condition. 1-877-564-8734, Roblin, MB.

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.

USED TRUCK TIRES: 825, 1020, 22.5, 24.5. \$25 and up. New 22.5 steel rims. Call 306-675-4848, Leross, SK.

MR. TIRE CORP. For all your tire needs, call Mylo at 306-921-6555 or Jeremy at 306-921-0068. Serving all Saskatchewan.

TOOLS
7070

CHECK OUT OUR parts specials at www.Maximinc.Com/parts or call Maxim Truck & Trailer, 1-888-986-2946.

TRAVEL
7095

AGRICULTURAL TOURS

Australia/New Zealand ~ Jan 2018
Costa Rica/Panama Canal
~ Jan 2018
South America (Galapagos & Peru)
~ Jan 2018
Brazil/Argentina/Chile ~ Jan 2018
Tanzania/Victoria Falls ~ Feb 2018
India ~ February 2018
Portugal/Spain ~ March 2018
Vietnam/Cambodia/Thailand
~ Feb 2018
Suez Canal Cruise ~ October 2017
Egypt/Jordan
~ Nov 2017/Mar 2018
Portion of tours may be Tax Deductible.
Select Holidays
1-800-661-4326
www.selectholidays.com

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

FULL-TIME FARM LABOURER HELP. Applicants should have previous farm experience and mechanical ability. Duties include operation of machinery, including tractors and other farm equip., as well as general farm laborer duties. \$25/hour depending on experience. Must be able to cross US border. Location: Pierson, MB/Gainsborough, SK. Feland Bros. Farms, Greg Feland and Wade Feland, Box 284, Pierson, MB. ROM 1S0. 701-756-6954.

FT HERDS PERSON REQ. on organic dairy farm. Duties include monitoring cattle health, artificial insemination & milking. Exp. required, 3 yrs. minimum as herd manager and diploma, \$15.50 per hour. Mail resume: St. Brigids Dairy Ltd., 42352 Brandon Road, Brussels, Ont., N0G 1H0. stbrigidsdairy@gmail.com

POULTRY PRODUCTION MANAGER: Pine View Farms, located just north of Saskatoon near Osler, seeks a full-time poultry farm-to-fork worker. 306-239-4763, ext. 2, www.pineviewfarms.com

FARM LABOURER REQUIRED for livestock operation. Duties include: operating, maintaining seeding & harvesting equip. Smoke free enviro., \$17/hr. Housing avail. Lyle Lumax, 204-525-2263, Swan River, MB.

HELP WANTED for cattle and grain operation. Monthly or hourly wage. Seeking self-motivated person, potential for year round work. 306-795-2710, Goodeve, SK.

TRADES/TECHNICAL
8044

FARM/RANCH
8016

2 SEASONAL FARM Machinery Operators required. Must be able to operate grain cart, tandem grain truck, FWA tractor w/rockpicker, 4 WD tractor for harrowing. Also manual labour for upkeep of leafcutter bees and general servicing of equip. Aug. 1 to Oct. 31. \$15-\$18/hr. 101008187 SK Ltd., 303 Frontier Trail, Box 372, Wade-na, SK., S0A 4J0. Fax: 306-338-3733, ph 306-338-7561 or clehr9860@hotmail.com

LARGE SE SASK grain farm hiring full-time seasonal help for harvest and fall work. Class 1A an asset. Competitive wages. Housing available. Ph/tx 306-421-1110. Email: duaneforrester@sasktel.net

WELLINGTON COMMUNITY PASTURE Corp., seeking proposal for FT Seasonal Manager. Call for complete informational package, 306-861-3704, Francis, SK.

RANCH HAND WANTED for general farm labour duties. Located between Regina and Moose Jaw. No accommodations. Call 306-731-2821 or 306-596-0507.

EXPERIENCED FULL-TIME HELP for large grain farm, Class 1 an asset. Competitive wages. 306-537-6435, Odessa, SK

EXPERIENCED GRAIN HARVEST HELP wanted starting August 1. Experience operating combine & grain carts. Also needing semi truck drivers with Class 1A. Competitive wages. Accommodations available. Call Ryan 306-497-7730, Blaine Lake, SK.

HARVEST HELP WANTED: General farm help to start immediately until end of Harvest. Swathing, combining, possible grain hauling, working independently, good problem solving skills. 1A license an asset, but not required. Mechanical abilities also an asset. Wage determined by experience. Accommodations provided. Call Dennis for more info 306-237-4442, Arelee, SK.

FARM HELPER REQUIRED on grain farm. Class 1, farm experience and some mechanical skills would be an asset. Wages depending on experience. Phone or text 306-228-8333, Tramping Lake, SK.

SK GRAIN FARM hiring full-time and seasonal workers. Experience w/equip, valid license, willing to work ext. hrs. Maintenance/operating equip., general labour. References required, wages according to experience. tammydanychuk@gmail.com

Memory assistance.

AGCanada.com

Network 

Search news. Read stories. Find insight.

SALES/MARKETING
8040

SALES CONSULTANT, POST Frame Buildings. Star Building Materials. A Division of Qualico. For more info, call 204-254-9270 or apply to: careers.winnipeg@qualico.com

TRADES/TECHNICAL
8044

GENERAL MACHINIST REQUIRED to operate and maintain: Lathe, milling machine, drill press, band saw, iron worker, hydraulic press, grinders, welders, and portable line boring. Must be able to repair pumps, hydraulic motors, cylinder, gear boxes, etc. Please contact 204-966-3221 or by email: pennosmachining@gmail.com Visit on-line: www.pennosmachining.com

TRUCK DRIVERS
8046

1A DRIVER NEEDED Experienced driver position open in SE Sask. Oilfield, winch, Texas bed and equipment experience necessary for moving equipment in SE Sask and western Canada. Ranging from 400 BBL tanks, cat hoes, shacks etc. Tractor trailer combinations from 6 - 10 axles. Candidates must be energetic, physically fit & some mechanical ability would be a plus. Forward resume & abstract to: flyingcu@sasktel.net

DRIVERS FOR PIPE HAUL: Divers required to haul pipe for pipeline. Class 1 required. Starting at \$30/hr plus overtime pay after 10 hours/day or 50 hrs/week. Plus tax free living allowance, H&W benefits and pension. Call 780-400-0509 ext. 509. Visit our website: www.PioneerTruckLines.com Forward latest abstract and resume to: LucienBleau@PioneerTruckLines.com or fax to: 780-417-8956.

OWNER OPERATOR WANTED to pull Super B grain trailers in MB/SK. Must be willing to work weekends in harvest and spring seasons. Preference will be given to operators with their own fuel cards. Paid on percentage of load. Based out of Austin, MB. Call Chris 204-871-4280.

SEASONAL HEATER UNIT Operator positions available in AB and SK. If you are a Class 1 or Class 3 driver working on a farm in the summer and looking for winter work, we have the perfect position for you!! Pat's Off-Road Transport Ltd. has Heater Truck Operator positions available. Must be willing to be away for extended periods of time and willing to travel to various locations in AB and SK. All accommodations are paid for by the company. Potential to earn up to \$10,000 per mo. Send your resume and Drivers Abstract. Fax: 403-504-1711, email: patsoffroad@thehat.ca or apply in person to: #2, 1651 Broadway Ave. E, Redcliff, AB.

TRADES/TECHNICAL
8044

Do you have **WHATEVER IT TAKES?**



Now recruiting:
SERVICE TECHNICIANS
PRODUCT SPECIALISTS
SALES

See all of our positions at:
redheadequipment.ca/Careers

Redhead EQUIPMENT



SHOW US WHAT YOU'D RATHER BE DOING

Thanks to InVigor® patented Pod Shatter Reduction technology canola hybrids, you don't have to swath anymore. Simply tweet a picture showing us what you'd rather be doing (besides swathing) using the hashtag #SellTheSwather or email it to us at InVigor@Bayer.com for a **chance to WIN a John Deere® Gator.**

Contest closes September 30, 2017.

Visit **SellTheSwather.ca** for complete contest details.



cropscience.bayer.ca | 1 888-283-6847 | [@Bayer4CropsCA](https://twitter.com/Bayer4CropsCA) | [#AskBayerCrop](https://twitter.com/AskBayerCrop)
For terms and conditions, please visit SellTheSwather.ca
Always read and follow label directions. InVigor® is a registered trademark of the Bayer Group.
All other products mentioned are trademarks of their respective companies. Bayer CropScience Inc. is a member of CropLife Canada.