

## RAILWAY ISSUES

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# Manitoba Co-OPERATOR

NOVEMBER 9, 2017

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MANITOBACOOOPERATOR.CA

## Commodity merger gets chilly reception from some

Some farmers worried over loss of input

BY ALLAN DAWSON

Co-operator staff / Portage la Prairie

The Keystone Agricultural Producers' (KAP) meeting room was chilly, then Starbuck farmer Ed Rempel explained why.

"Well Mr. Chairman, I think hell just froze over because I agree with everything Butch Harder just said."

The room erupted with laughter.

See **MERGER** on page 7 »

## PRESERVING HISTORY

# Remembering the men of Margaret

Residents of this small southwestern Manitoba village continue to attend to the care of their war memorial

BY LORRAINE STEVENSON

Co-operator staff / Margaret, Man.

Pale November sunlight glints off the cold red granite where their names are inscribed.

They were farm boys, seven sons of Margaret families, who never returned home to their small southwestern Manitoba village a century ago.

Sgt. William David McKellar's name is on this monument. He died in a sea of blood-soaked mud October 26, 1917, only 26, while fighting with the 1st Canadian Mounted Rifles in the Battle of Passchendaele.

Just four days later, another young man from Margaret would fall on the same battlefield; he was Pte. John Kennedy Murray, with the 78th Battalion (Winnipeg Grenadiers). He'd just turned 20.

Neither man's body was ever found and neither has a known grave. They fell on days hundreds of men in the Canada Corps also lost their lives: 569

See **MEMORIAL** on page 6 »



Local residents (l to r) Ross McMillan, Bill Morrow, Chris Monk and Derek Jackson — who also serve on the local cemetery board — are committed to maintaining the community's war memorial. PHOTO: LORRAINE STEVENSON

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**CASE II**  
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DID YOU KNOW?

Harvest goes hands free

British researchers have put automation to test in the farm field

STAFF

A U.K. research project has planted, tended and harvested the first crop — of spring barley — that’s never seen direct human labour.

Hands Free Hectare was aiming to test the concept in the field and consciously chose smaller machinery, said Jonathan Gill, a researcher at Harper University.

“There’s been a focus in recent years on making farming more precise, but the larger machines that we’re using are not compatible with this method of working,” Gill said. “They’re also so heavy that they’re damaging farmers’ soils.”

Another reason the researchers decided to go small was the reality of short windows to complete work, often around weather. When human operators are necessary, bigger is better, but when they’re removed, many smaller machines managed by a single farmer are likely to be better.

“We believe the best solution is that in the future, farmers will manage fleets of smaller, autonomous vehicles,” Gill said. “These will be able to go out and work in the fields, allowing the farmer to



This small combine was the final operation in a season-long experiment in autonomous farming. PHOTO: HANDS FREE HECTARE

“There’s been a focus in recent years on making farming more precise, but the larger machines that we’re using are not compatible with this method of working.”

JONATHAN GILL  
Researcher at Harper University

use their time more effectively and economically instead of having to drive up and down the fields.”

Martin Abell, mechatronics researcher for the company Precision Decisions, the key corporate partner for the project, said the project has proven what’s possible and affordable.

“The whole project cost less

than 200,000 British pounds (C\$341,960),” Abell said. “We used machinery that was readily available for farmers to buy; open source technology; and an autopilot from a drone for the navigation system.”

Not only was the crop successfully raised and harvested, it also yielded decently, at 4.5 tonnes per hectare (67 bu./acre).

READER'S PHOTO



PHOTO: GRACIE CRAYSTON

Manitoba Co-OPERATOR

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# Mazier defends KAP's approach on 'made-in-Manitoba' carbon tax

He says the position was developed democratically and KAP got much of what it wanted to reduce the negative impact on farmers

BY ALLAN DAWSON

Co-operator staff / Portage la Prairie

A year after the Keystone Agricultural Producers (KAP) opted to participate as the provincial government developed "A Made-in-Manitoba Climate and Green Plan," some KAP members are asking why the farm organization doesn't oppose a carbon tax.

"I find this entire carbon tax thing to be a complete fiasco and I view our prime minister (Justin Trudeau) as a quisling," Starbuck farmer Ed Rempel said during KAP's fall advisory council meeting here Nov. 2.

"Why are we supporting a carbon tax?"

KAP president Dan Mazier said KAP's position was determined democratically.

"If there's a different way of dealing with the reality by all means bring it forward in a resolution, Mazier said. "But I appreciate the comments because it has been a very long year. Now we have something we can move forward with."

Mazier, who said the issue has been divisive, hopes to get KAP members' feedback at district meetings being held around the province Nov. 13 to 17.

## Would be imposed

The "reality" Mazier alluded to, was that a year ago the Manitoba government told KAP the province will have a carbon tax one way or another. That's because the federal government announced it would impose one if provinces didn't develop their own.

KAP chose to push for a carbon tax exemption on carbon emissions resulting from farming as well as on farm fuels, and to encourage the government to invest some of its carbon tax revenue to help farmers reduce carbon emissions and help the environment.

The Manitoba government unveiled its plan Oct. 27, which includes a flat \$25-a-tonne carbon tax starting sometime next year. (The federal government's plan would start at \$10 a tonne and rise to \$50 by 2022. The federal government said if Manitoba's plan doesn't go to \$50 it will be non-compliant.)

Manitoba's plan also includes some of what KAP sought, including a carbon tax exemption on emissions caused by farming and on purple fuel.



KAP president Dan Mazier says the farm organization got much of what it wanted from the "Made-in-Manitoba Climate and Green Plan," including a carbon tax exemption on "marked" farm fuel. PHOTO: ALLAN DAWSON

The plan also proposes working with farmers to sequester carbon and tackle flooding, droughts, drainage and wetland and grassland restoration and preservation.

## Agriculture heard

In an interview later Mazier agreed KAP got much of what it sought.

Manitoba's carbon tax is expected to earn the government \$258 million a year — \$74 million of it from homeowners.

Much of that money will come from the carbon tax that will add an extra 5.2 and 6.7 cents a litre on the cost of (non-farm) gasoline and diesel, respectively, and another 4.8 cents per cubic metre on natural gas.

The government hasn't decided if it will exempt fuels to heat barns and grain dryers.

"If we don't keep the pressure on it's going to go the other way," Mazier said later in an interview.

Mazier told Rempel the Manitoba government understands agriculture. Premier Brian Pallister said purple fuel had to be exempt from the carbon tax because most farmers are price takers and can't pass the tax on.

Mazier said Manitoba's plan will bring all government departments together to work on the environment, including agriculture and the environment.

I think that's a really positive move. We'll see," he said.

"We know what it's like to be locked out of the environmental camp. We're living that policy today through our surface water management strategy, our (hog) barn moratorium, all that sort of stuff. That is environment policy that we had no say in. I think we've turned that corner.

"I think it's a really good approach. I've never seen this much openness and collaboration on the environment and agriculture."

## Ongoing development

New programs to help farmers cut emission and deliver ecological services will likely take a year or two to implement, KAP general manager James Battershill said.

"It certainly is going to be a key component around what the province develops on this file," Battershill said.

Manitoba has two years to demonstrate its plan to reduce carbon emissions is better than Ottawa's, he said. Farm programs are likely to be in place no later than 2020 "because they (Manitoba government) need farmers to support them with their challenges with Ottawa," he said.

The Manitoba government says its plan to reduce carbon should take into the billions of dollars Manitobans have invested and continue

to invest in clean hydro electricity.

"I think it is a very valid argument," Mazier said.

It's also why in Manitoba agriculture accounts for 32 per cent of the province's carbon emissions, second only to transportation at 39 per cent, he said. In most other provinces electrical production is one of the biggest emitters.

"We're (as farmers) not any less efficient, or giving off any more greenhouse gas, than (farmers in) Saskatchewan, Alberta or B.C.," Mazier said. "But our balance is different in Manitoba... and that's the predicament... and that's why they came up with this made-in-Manitoba solution."

Mazier also noted the plan should prevent large carbon emitters, such as Husky's ethanol plant in Minnedosa and Koch Fertilizer in Brandon, from leaving the province.

Under what the Manitoba government is calling "output pricing" the province's eight biggest emitters will be expected not to produce more carbon than is considered the industry standard. If they do they will pay the carbon tax on the overage, rather than on their total emissions. If they emit less they will get a credit, which they can sell or trade.

That system isn't expected to take effect until 2019.

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## Carbon tax could translate into more demand for canola

BY ALLAN DAWSON

Co-operator staff

"Nobody like taxes... but there is also going to be some opportunities," as a result of Manitoba's climate and green plan, Manitoba Canola Growers Association (MCGA) president Chuck Fossay told the Keystone Agricultural Producers' advisory council Nov. 2.

While the plan includes a flat \$25-a-tonne carbon tax starting sometime next year, it also says if Manitoba diesel pumps had to include five per cent biodiesel instead of the current two per cent, carbon emissions over the next five years would drop by between 360,000 to 431,000 tonnes.

That would be the second-largest method of cutting emission behind the carbon tax, which is projected to reduce emissions by 1.07 million tonnes.

While the carbon tax is projected to reduce emissions by 40 per cent, adding more biodiesel would cut emissions up to 16 per cent, according to the plan.

"If we can convince the government that the biodiesel portion should be from canola, for example that's a 1.9-million-tonne demand (based on five per cent biodiesel across Canada)..." Fossay said. "There's a good chance we could see our (canola) prices go up."

Someone suggested a higher biodiesel requirement could result in higher diesel prices, but Fossay noted "marked" farm fuel is exempt from the carbon tax.

In an interview later he said canola-based biofuel is cheaper to make than drilling for, extracting processing petroleum into diesel.

"We think it (canola-based biodiesel) will go a long ways to helping reduce carbon emissions that come from diesel fuel," he said.

"By going to the B5 level (five per cent biodiesel) the carbon emissions will be reduced I believe by three to four megatonnes a year. So that goes a long ways to achieving the 80-megatonne targets that the (federal) government has... by 2022."

The MCGA has not taken a position on Manitoba's plan, but will discuss it at an upcoming board meeting, Fossay said.

The MCGA does favour more biodiesel, he said.

"Certainly any time we can find a new market for canola seed it's a benefit to producers across Western Canada," Fossay said.

KAP also supports regulations requiring more biodiesel be used, KAP president Dan Mazier said in an interview after the meeting.

"It will make a huge difference," he said.

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## OPINION/EDITORIAL

# On remembering



**Gord Gilmour**  
Editor

Canada has a long history of respect and remembrance for citizens who served and fell in war.

In fact it was a poem by Canadian physician John McCrae that first made the poppy an enduring symbol of remembrance, with the moving opening line: “In Flanders Fields the poppies grow, between the crosses row on row.”

Fertilized by the bodies of the war dead, the native poppies sprang from the soil in numbers never seen before,

paying homage to the dead with their beauty, a poignant irony that couldn't escape McCrae's pen.

It was just months after McCrae's own death of pneumonia in a battlefield hospital that American humanitarian Moira Michael was inspired by “In Flanders Fields.”

Two days before the November 11, 1918 armistice agreement was signed, she bought a red poppy and pinned it to her coat. She also gave out poppies to ex-servicemen at the YMCA headquarters in New York, where she was working.

Later, she realized funds were needed to provide for and train injured soldiers, and she proposed the concept of selling silk poppies to assist the disabled veterans. By 1921, the poppy was adopted as a mark of remembrance by both the American Legion Auxiliary and the Royal British Legion.

In the following years, the idea spread to France and throughout the British Commonwealth, where it remains a potent symbol to this day.

Here in Manitoba, remembrance is taken seriously as well. As our Lorraine Stevenson writes in this issue (see front page) volunteers throughout rural Manitoba quietly undertake projects that tend, protect, and restore memorials to the war dead.

In 2016, the provincial government also announced a program to recognize those lost to war in a permanent way, putting lost Great War veterans on the map by naming geographical features such as lakes, islands and bays after them.

It's similar to a previous program that's seen 4,200 similar place names acknowledge the sacrifices of soldiers who lost their lives in the Second World War and later conflicts.

One of the most sobering realities is just how little is known about these soldiers a century later. Officially the province lost 1,092 soldiers in confirmed deaths.

But most historians and students of the conflict say the real number is far higher; the generally accepted figure is 7,000 now nameless and largely forgotten soldiers. At the time the program was announced the province asked the public to contact the Manitoba Geographic Names Program to add a name to the list.

One group that had already seized that torch to hold it high was the local Canadian Legion in Holland, Man. It had been working for years with the local municipality and provincial government to have nearby creeks and tributaries named after soldiers from the area and had succeeded in getting three creeks renamed.

The legion members were disappointed to learn, however, that the provincial program would now limit naming to “... remote locations owned by the Crown, but inaccessible to family members of the deceased,” as Les Ferris, head of the Holland branch told the *Co-operator* a year ago.

The province indicated it was primarily concerned with conflicts over naming geographic features in more populated areas from where more than one soldier could have served and died.

Ferris and his compatriots at the Legion don't buy that explanation, pointing out that in the area, approximately 135 years after homesteading saw the first formal place names recorded, there remains “... creeks, hills etc. that are unnamed to this day.”

That's certainly the case, and there are likewise lots of places throughout Western Canada named after people with little or no connection to the area — early surveyors who took the opportunity to name something after themselves or friends and family, for example.

The real issue of course is accessibility. Descendants of the soldiers and others interested in their legacy might want to visit these geographic features to pay tribute.

A location that can be reached by driving to it will surely serve that purpose more than any remote location that's only accessible by hiring a piper centlot with a float plane or portaging a canoe.

The Holland Legion post wrote Sustainable Development Minister Cathy Cox, whose department oversees the program, to ask the government to reconsider the naming criteria, which had been set by the previous government. The minister's office said it would review the issue, but since then has been silent.

We'd like to add our voice to this call for change. Servicemen who lost their lives deserve memorials where family can visit, and even lay a wreath.

After all, what purpose does a monument none can visit serve?

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## Our daily bread

**BY SYLVAIN CHARLEBOIS**  
Dalhousie University

A bread cartel is alive and well in Canada; or is it? The Competition Bureau is carrying out an investigation of major grocery chains in search of evidence of retail price-fixing.

The outcome of this inquiry will likely not amount to much, but it does beg the question of why bread is being targeted by the bureau.

Demonstrating beyond a reasonable doubt that grocers are colluding to keep retail prices artificially high is almost impossible. The average grocery store carries well over 15,000 different products, and prices can be affected by an array of factors: commodity prices; energy and labour costs; new food safety and packaging regulations. An intentional collusion would be hard to prove.

Historically, bread prices have been quite stable, with the exemption of 2008 and 2009, when prices jumped almost 50 per cent in a single year. On the whole, unlike fruits, vegetables, and even meat products, bread has been immune to fluctuating prices.

After the United States, and perhaps Singapore, Canadians spend less on food relative to their income than most countries in the world. Nonetheless, since we are north of the United States, where food quality is generally questionable but amazingly cheap, we often get unfairly benchmarked. Prices are higher here, but much lower than in many places around the world. In the last month alone, food retail prices have, including baked products, dropped in Canada.

At the centre of this investigation is a much deeper problem that lies in the food supply chain. For years now, grocers have engaged in an open war with food processors, with grocers trying to position themselves as protectors of the public interest. Tensions between grocers and

vendors have been at an all-time high as grocers have demanded price cuts. For a few years, major grocers have demanded price cuts from suppliers and it has had a domino effect on the entire industry, including independent grocers who are the source of the complaint.

Almost by design, the Competition Bureau may be trying to communicate to the market that grocers are on watch for squeezing processors. As a food staple, bread is an appealing target. The bureau could have selected any food product, but bread's status as a food staple makes it an obvious choice. It was chosen for a reason: to make an otherwise dreary, obscure, supply-side issue more imperative to the daily lives of consumers.

No one may be accused or arrested any time soon, but this investigation could potentially restore peace within the food industry/grocery family. A vibrant food sector is not possible without a strong food-processing sector, and making sure all make a decent profit within the food industry is difficult. Nonetheless, consumers can only benefit if all sectors, from farm to table, succeed over time.

Grocers know better than to engage in a doomed strategy of quotas and illegal price-setting activities. The mere spectre of a grocery cartel would not only be bad business, it threatens to tear up the social contract with the Canadian public that they adhere to every single day.

Consumers can expect to see deals being made within the industry in the days ahead. Food shoppers will almost certainly experience rebates in the bakery section as grocers rush to reassure consumers that a bread cartel in Canada is nothing more than a myth.

*Sylvain Charlebois is professor in food distribution and policy and dean of the faculty of management at Dalhousie University.*

## OUR HISTORY: November 1953

There was no online ordering from Amazon in November 1953, but you could start doing your Christmas shopping by mailing an order for items in the Eaton's catalogue.

One news item that month was that Canada's population was approaching the 15-million mark — less than half the 35.2 million reported in the 2016 census. But fewer Canadians were eating horsemeat — a survey by the Council of Canadian Beef Producers (western section) indicated that of 33 shops licensed to sell horsemeat between Winnipeg and Vancouver in 1951, only three were still operating in 1953.

There was also a population update on whooping cranes, which had almost become extinct in the 1940s. Sixteen had arrived at a refuge in the southern U.S., leading to hope that the total would exceed 21 in 1952. The Whooping Crane Conservation Association reports a 2014-15 population of 464 wild birds and 157 in captivity.

Another news item reminds of the terror of life in Manitoba before the introduction of polio vaccine the next year. November 7 was the first day since the first week in July that no cases had been reported in Manitoba, which that year had more cases than any other jurisdiction in North America. One in 330 Manitobans had been struck, with 2,258 cases and 81 deaths.

We reported that at the Royal Winter Fair in Toronto, Manitoba's 4-H clubs took top honours at seven of the nine events, and that the new Co-op Livestock Yard under construction in Brandon would be ready for its first sale in December.





# Manitoba’s ‘climate and green’ plan good policy, smart politics

It’s often easier and safer to oppose something than to come up with a plan and implement it

**BY ALLAN DAWSON**  
Co-operator staff

The “Made-in-Manitoba Climate and Green Plan” is smart politics, but more importantly could be good policy.

That latter hinges on the plan to cut carbon emissions by up to 2.6 million tonnes by 2022 working.

But there’s a possibility it might not be implemented, or at least not fully. The federal government says Manitoba’s flat \$25-a-tonne carbon is only half of what’s required by 2022.

Instead of fighting Ottawa’s plan for a \$10-a-tonne carbon tax starting next year and rising to \$50 by 2022, Premier Brian Pallister wisely opted to develop his own strategy, which as he said at its unveiling at Oak Hammock Marsh Oct. 27, is “much, much, much more” than just a carbon tax.

Only half the targeted reductions stem from the tax.

“Our goal is to be Canada’s cleanest, greenest and most climate-resilient province,” Pallister told reporters atop Ducks Unlimited’s education centre overlooking the marsh.

“The environment and economy aren’t separate entities. They go together. And you cannot focus on one while ignoring the other.”

Manitoba’s long-awaited carbon tax and green plan offers a comprehensive, in-depth, integrated approach to one of the most challenging issues of our time, complicated by the fact that our world — and for the citizens of wealthy nations, our lifestyles — run on carbon-emitting fossil fuels.

Pallister, who calls himself an envi-

ronmentalist, and says climate change is real and affecting the world today, seems sincere. He isn’t worried his plan might not show immediate results.

“I am concerned that it has taken a long time for governments around the world to get at this problem,” he said sparking applause among civic and industrial leaders present for the announcement. “I am concerned that we don’t look at short-term, quick-fix solutions... pretending that’s going to change anything.

“I want us to have a plan that works over time. Some things do take time to evolve...”

The plan acknowledges governments have committed to cutting carbon before and failed, breeding cynicism.

“The goal must be actual, ongoing emissions reductions, not a false distant target never to be achieved,” the plan says.

“Our focus should therefore be on consistently reducing cumulative emissions over time.”

To ensure Manitoba sticks to its commitments, the government proposes to create an expert advisory commission “with an independent mandate to review our collective progress on the climate and green plan, assist with its implementation and give needed advice on next steps.”

The early reviews are good. Predictably Keystone Agricultural Producers (KAP) president Dan Mazier welcomed the carbon tax exemption on farm fuel, as did the Manitoba Beef Producers.

The Manitoba Forage and Grassland Association, which says grasslands play a big role in storing carbon, supports the plan.

But a climate change expert is also encouraged.

“I think it’s really exciting the Province of Manitoba is getting on board with serious climate action,” Ian Mauro, associate professor of geography at the University of Winnipeg and co-director of the Prairie Climate Centre, said in an interview Oct. 27. “I think the opportunity to have a Conservative-led government taking climate change seriously and signalling that they want to have action is very helpful.

“We could have (climate change) denial, but that is not what happened today. There was an acknowledgment that climate change is real. There was an acknowledgment that we need to do something about it. There was a framework document put in place that signals the direction and all of that is very beneficial and very good.

“Society should not be afraid of this moment. We’re gently being eased into it with this plan, but the opportunity to have an investment in this way of thinking now, the payoff in the future is massive.

“Let’s try and push forward as Manitobans and make sure that we actually contribute to a successful process.”

Ideally good policy and good politics would be one in the same, but that’s not always so in the real world, especially in these hyper-partisan days of ‘winner take all,’ amplified in the echo chambers of Twitter and Facebook, usurping traditional democratic tenets of compromise and consensus building.

Pallister didn’t give in to his lesser angels to fight Ottawa’s pernicious car-

bon tax, contrary to demands from some Progressive Conservative members, even after threats they would create a new party to challenge him.

Pallister astutely suspected Ottawa had the authority to impose such a tax, later verified by University of Manitoba law professor, Bryan Schwartz.

Instead Pallister risked political capital, and claims to have developed a better plan — one that will cut more carbon emissions than Ottawa’s, be cheaper, and lets the Manitoba government, not Ottawa, decide how to spend the estimated \$258 million a year the Manitoba carbon tax is expected to generate.

Manitobans should get credit for their investment in hydro electricity, Pallister says. Without it Manitoba’s annual emissions would be 42 megatonnes — double the current 21. Regulators don’t give credits retroactively, however, Manitobans’ hydro investment is ongoing.

Brian Pallister has a lot riding on this. Even if he is able to fully implement the plan there’s no guarantee it will work.

Meanwhile, nobody likes paying more to run their cars or heat their homes with natural gas, and a five-year plan allows some breathing room.

If Ottawa chooses to invoke its carbon tax, expect Pallister to fight. If he wins, he wins. And if loses he still wins, at least politically.

Pallister can truthfully say he tried to do the right thing for Manitoba’s environment and economy and in the eyes of many voters, Trudeau and the Liberal federal government will be the bad guys.

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# Everyone needs to be a trade policy expert

Time for those who have benefited from free trade to stand up for it

**BY TOM SLEIGHT**  
U.S. Grains Council

Inattention, indifference and inaction are no longer options for those in agriculture with regard to U.S. foreign policy.

Free trade has remained a key, philosophical driver for U.S. feed grains for decades, benefiting corn, barley and sorghum growers — among many other commodities. Now, agriculture must answer the call to defend trade and the rewards reaped from free trade-driven policies.

Simply put: When trade works, everyone wins. Exports of feed grains in all forms to the 20 countries with which the United States has a free trade agreement have increased by nearly 24 per cent over the last 10 marketing years, according to U.S. Department of Agriculture (USDA) trade data.

Free trade agreement partners now represent 49 per cent of total U.S. exports of feed grains in all forms.

In no other case has the benefit of open trade been more apparent than in our relationship with

Canada and Mexico through the North American Free Trade Agreement (NAFTA).

NAFTA provided the trade policy underpinnings that resulted in the most efficient and effective interregional grain and livestock value chain in the world.

The provisions in NAFTA complement the natural geographic advantages of close proximity. As a result, agricultural trade between the United States, Canada and Mexico occur duty free, and trade has grown increasingly more integrated.

Mexico was the largest export market for U.S. corn in the last full marketing year, purchasing 13.3 million tons (524.4 million bushels), in addition to 606,127 tons (23.86 million bushels) of sorghum, 115,000 tons (5.3 million bushels) of barley and 1.9 million tons of distillers dried grains with solubles (DDGS).

Our trade agreements have also been a good deal for our trading partners who have invested significantly in expanding their own feed, livestock and transportation industries while relying on the U.S. coarse grains industry.

**In no other case has the benefit of open trade been more apparent than in our relationship with Canada and Mexico through the North American Free Trade Agreement.**

This cycle of increasing sales and then expanding operations results in even more demand for U.S. feed grains and co-products. And as existing end-users advance to more sophisticated buyers, the council can expand efforts to assist underdeveloped sectors like conducting DDGS trials with livestock producers in northeastern Mexico. This overall effect is a win-win scenario on both sides of the border.

At the same time, the basic tenets of free trade are now up

for debate in the United States. The upheaval of this philosophy is forcing U.S. agriculture into a defensive mode. We all must engage to help achieve conclusions in our trade negotiations that provide us and our customer’s long-term certainty and create a new platform for growth and integration.

Of course, modernizing or examining the provisions within trade agreements is good business. But we must recognize agriculture is a traditional target for retaliation in trade disruptions, a clear and present danger. “Do no harm” for U.S. feed grains and co-products means avoiding these retaliatory measures at all costs.

As a result, members of the grain and feed industries must monitor trade policy negotiations in any sector with a careful eye. Farmers, members of the agriculture supply chain and negotiators alike must understand how important our markets — and trade — are to agriculture’s profitability.

While we defend and demonstrate the mutually beneficial

trading relationships we have built to domestic audiences, our competitors are making their own good deals and eroding our competitive advantages.

Our largest and most loyal customers are at risk of taking their business elsewhere.

We are no longer the only option for world grain demand. As a result, it is up to all of us in U.S. agriculture to make sure trade liberalization continues at all levels, lest we no longer will be the ones in the race, let alone winning.

We in agriculture cannot afford to stay humble, silent observers. All of us are needed to send a strong message to our customers and our competitors that the United States is in the global marketplace to stay.

The U.S. grains sector has significantly benefited from more liberalized trade in the past 30 years, and expanding access to export markets will continue to drive the success of American agriculture for years to come.

Tom Sleight is president and chief executive officer (CEO) of the U.S. Grains Council.



# FROM PAGE ONE

MEMORIAL Continued from page 1

died October 26, 850 more on October 30.

This small farm town would grieve more losses the following year; the names, ages and dates of the deaths of Pte. E. Stephens and Pte. S.W. Garbutt, Pte. G.V. Lancaster and Pte. J.G. Campbell are also on that monument.

**June 1921**

Local historical records describe a day in June of 1921, when a large crowd gathered in the pouring rain here. Among them were these dead men's grieving families, and hundreds more. They'd gathered in Margaret to honour these fallen men and to see their village's new war memorial, a life-size pure white effigy of a Canadian soldier, unveiled.

It had been made by a marble dealer (E.J. Skelton) in Walkerton, Ont., according to the local history book. It was brought here by William Campbell who, it also says, went to Ontario and personally ordered the monument. One can only imagine the grief the man carried as he took on the solemn task: the marble soldier would bear a striking resemblance to his son, James Gilbert Campbell.

A news account of his service with the 100th Battalion Winnipeg Grenadiers says he died in February 25, 1918. He was just 19. He is buried in France.

**Margaret Memorial Park**

Derek Jackson, Margaret-area resident has kept an aerial photo of Margaret taken for the Manitoba Pool Elevator calendar in 1992. It's an image of a treed, neatly kept village below in August, surrounded by swirls of swathed wheat fields, with a clear view of the soldier standing in a special park encircled by a bed of red petunias.

Eighty years since that day in 1921 the park was neatly mowed, its hedges, trees and flowers attentively cared for.

"You can see how immaculate the grounds were kept," says Jackson.

The well-tended park was the



Pte. James Gilbert Campbell, son of Mr. and Mrs. William Campbell of Margaret, died February 25, 1918 at age 19. He is buried in France. The history book describes William Campbell travelling to Walkerton, Ontario to personally order the war memorial which would bear Gilbert's name and six others killed in action between 1914 and 1918. PHOTO SUPPLIED

pride of Margaret even then. By the 1990s the numbers of those living here had dwindled well below 100 who had once made this village their home. Now residents tend to say "about 10" when asked about their numbers.

Who continued to looking after the stone soldier all these years? It was a question Canadian author Alan MacLeod asked on a day visiting Margaret in 2011 to photograph and document the site for a book he was writing *Remembered in Bronze and Stone: Canada's Great War Memorial Statuary*. The book was about one specific type of war memorial chosen by communities across the country, that of a bronze or stone sculptures of a solitary Canadian soldier.

Notably it was communities in Manitoba, Ontario and Nova Scotia that most often chose this particular type of war memorial to remember their fall, says MacLeod, who eventually counted 33 such monuments found here and documented 18 out of the 25 he visited in his book.

The Margaret monument was in such excellent condition he would remark on it several times in his book.

"The Margaret marble is perfectly white and clean. The ob-

server has no need to squint his eye through a crust of lichen and grime," he wrote. "A flagpole stands beside the monument, a fresh Canadian red maple leaf fluttering from its top..."

**Memorial services**

Margaret's remaining residents can remember the memorial services that were held here every year after 1921. Orchestras would play. Dignitaries would speak. The stone soldier's park would be lined with wooden chairs and benches.

"They'd have guest speakers," recalls Ross McMillan, 89, a retired local farmer. "What I remember most is how people came from different communities. It wasn't just a local gathering in my recollection."

Those services ceased during the 1980s, but, as was evident to MacLeod nearly three decades later, not the attentive care Margaret residents continued to give the war memorial site.

That pure white stone was the result of special efforts made in the 1970s to keep the monument in perfect condition.

*Riverside Heritage*, the area history book, also notes how, in

1974, the Campbell family would again honour their family member. That year Glen Campbell "brother of Gilbert" had the monument professionally cleaned and restored, it says.

It also gives clues as to the site's seemingly invisible gardeners. "Outside of 21 years of paid caretaking (1937-58)," it also says, "the community has taken pride in tending this lovely park... the names are far too numerous to mention..."

It mentions one, however. He was Howard "Spike" Tibbatts, who, it says took great pleasure and pride maintaining it for many years until his death in 1994. Tibbatts was a buyer for United Grain Growers and remembered for seldom being without a pair of pruning sheers in hand, as he went about town, keeping not just the memorial park's hedges and trees trimmed and pruned, but pretty well every tree in Margaret. He'd see to it that even trees on yards of emptied homes in Margaret were looked after, says Jackson.

"Spike claimed every tree in Margaret that no one else was looking after," he said.

**Looking ahead**

More recently, Margaret did something else to ensure the long-term care of its war memorial.

Realizing Margaret's days were numbered, as population thinned, the remaining residents here began to plan for the future. In 1988 a perpetual care plan, with an associated fund for donations, was established to ensure the community's cemetery — where headstones by then far outnumbered living residents — would always be maintained. At the same time, they began to plan for the long-term care of the stone soldier too.

Margaret residents widely credit a now-deceased citizen, Howard Nixon, for advocating that the monument be moved to the cemetery to be part of its perpetual care plan. People recall him expressing concern there would be no one left in Margaret to care for the site.

"He (Howard Nixon) said,

'we're going to run out of people eventually,'" recalls Jackson, who can vividly recall the day the statue was moved to its present-day location — October 5, 2004.

**Community drawn together**

Today it is a small group of local farmers, most sons of Second World War servicemen who survived and returned home to Margaret, who now tend the cemetery grounds where the soldier monument stands.

They are not alone among those pledged to maintain this site into the far future. Fewer than ever now live here, but many more have family ties to Margaret, says McMillan who is also chair of the local cemetery board. Their loved ones are buried in the local cemetery.

"There aren't many left right in the community but when we called a meeting (of the cemetery committee) in June we had 15 people there," he said. "They came from Brandon, Winnipeg, Souris, Boissegain, Minto. They don't necessarily live in the district anymore but they're still interested in maintaining it."

That cemetery board will continue to care for that monument and takes pride in its condition, says another Margaret-area farmer.

"It is in such good shape," said Chris Monk. "We certainly hope to keep it that way."

**Vigilance**

MacLeod's book features 130 of some 200 of these statues found across the country and he reflects extensively on the condition of the monuments he's seen.

"White stone soldiers need to be looked after," he writes in his book. He describes many more sites also well cared for. Others, he says, have already become a "much eroded remnant" of what was placed so many years ago.

"Some communities attend vigilantly to the duty; others do not," he said.

Twenty of the 27 men who enlisted from Margaret to serve during 1914 to 1918 would eventually return home. Between 1939 and 1945 another 37 of the 38 who served their country those years would.

The war memorial would have just one more name added due to that war. He was A.A. (Alvin) Patton, who'd have been just a little boy during the First World War. Patton enlisted and served, dying at the age of 29 on March 31, 1944.

"I was very impressed with what I saw at Margaret," MacLeod wrote in a recent email, describing how the condition of the monument here is all that much more touching given there's no sign of who continues to remember and to care.

In *Remembered in Bronze and Stone* he wrote:

"Who is to be credited for the excellent state of the white-stone soldier of Margaret? Nothing on the site offers an answer. Perhaps it is enough to rejoice that someone in a hamlet now largely vanished cares enough to meet a duty that almost all the people of Margaret would have faithfully embraced in the years following the Great War."

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Special thanks to Alan MacLeod for contributing his time researching this article.



**MERGER** Continued from page 1

Harder, a KAP District 3 representative who farms at Lowe Farm, had just told KAP's fall advisory council meeting here Nov. 2 of concerns he and other farmers had raised at their local KAP district meeting regarding five Manitoba commodity groups working towards a merger.

"We understand why some of the groups want to join because they are short of money, but we think that eventually this will lead to less farmer representation on these groups," Harder said.

Earlier that day the five groups — Manitoba Wheat and Barley Growers, Manitoba Flax Growers, the National Sunflower Association of Canada, Manitoba Corn Growers and Manitoba Pulse & Soybean Growers — issued a news release updating their merger discussions. A comprehensive member consultation plan has been developed and a summary report will be released to get farmers' feedback in December.

The directors of existing commodity associations are already overloaded, Harder said. Expecting directors to know about and represent five different crops would be time consuming, he said, hinting it could be a full-time job.

"You ain't going to be farming," Harder said. "You just can't do it. And I am concerned that we are watering down these organizations eventually to just less farmer representation..."

"I see absolutely nothing wrong with collaboration. In fact, I think it would be a good idea for those groups to get together, once a year for two days to talk about what they're doing."

Rempel agreed merging would put a strain on farmer-directors.

"I think we're going to lose our voice pretty badly," Rempel said.

While some farmers complain of checkoff fatigue, having one organization instead of five will make it simpler for farmers to seek checkoff refunds, he said.

"And quite frankly that scares the dickens out of me Mr. Chairman," Rempel said. "All these different commodity groups require money to operate. And they all do very, very good work."

"And that board of directors, as I think Butch said, you're going to be pretty much full time. You're going to have to be a professional board of director. So Butch, thank you very much for your comments. I think you're dead on."

**Support too**

Holland farmer and KAP District 2 director Les Ferris says merging makes sense because there are fewer farmers available to serve on boards.

"Merging organizations will streamline things," he said in an interview following the meeting.

Most farmers grow all the commodities represented so they have some familiarity with them, he added.

The five groups signed a memorandum of understanding in the spring, agreeing to explore merging to serve farms better and save them money. Since then a working group, consisting of staff representatives, has met regularly to develop questions for the steering committee, made up of board and staff representatives, as well as develop a

consultation plan that ensures this process remains driven by Manitoba's farmers, the groups said in their release.

"The report (on merging) will include information on board/governance structure of the new, combined organization, a potential operations structure as well as a list of farmer benefits, which includes improved agricultural research, improved innovation and increased member value for Manitoba growers producing the represented crops," the release says.

The steering committee met with Agriculture Minister Ralph Eichler in September to brief him on the process.

"The committee was met with optimism and enthusiasm over the project," the release says.

"Working together to reduce overlap, increase efficiencies and increase research and agronomy capacity is consistent with the province's commitment to reducing red tape and improving agricultural research and innovation."

**Transparent process**

The groups have been open about the process and have, and continue to encourage farmer feedback, Pam de Rocquigny, general manager of the Manitoba Wheat and Barley Growers Association and Manitoba Corn Growers Association, said on the sidelines of the KAP meeting.

"(The report will be) kind of a road map as to how we see this potentially happening," she said. "But then again, that's part of the consultation process — for members to say 'that makes sense, did you think about this?' and maybe we hadn't thought about that."

Consultant Rob Hannam, with Synthesis Agri-Food Network, who has been working with the groups on developing a merger plan, and the working group, will meet with interested farmers to discuss the plan at St. Jean Farm Days and at Ag Days, Jan. 10 and 16, respectively.

Similar meetings will be



During KAP's Nov. 1 advisory council meeting Starbuck farmer Ed Rempel said he shared concerns raised by Butch Harder of Lowe Farm about losing farmer representation if five Manitoba commodity groups merge into one association. PHOTO: ALLAN DAWSON

held in Stonewall and Dauphin before year's end. Dates, times and locations will be announced later.

Farmers are being urged to provide input, including when the groups hold their annual meetings during CropConnect at the Victoria Inn and Con-

vention Centre in Winnipeg in February, de Rocquigny said.

Farmers can also submit ideas or ask questions by emailing Rob Hannam at [rob@mbcrops.ca](mailto:rob@mbcrops.ca) or contacting directors of the five groups.

[allan@fbcpublishing.com](mailto:allan@fbcpublishing.com)

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# CN car fulfilment dropped in weeks 11, 12

However, the company says it is bringing more crews and power online to pick up the pace

**BY ALLAN DAWSON**  
Co-operator staff / Portage la Prairie

CN Rail is still struggling to fulfil grain car orders in Western Canada, according to statistics collected by the Ag Transport Coalition (ATC).  
A CN spokesperson says the company is committed to meeting grain company needs. To that end CN has ramped up hiring and this quarter will add another 250 new crew members, Kate Fenske said in an email Nov. 3.  
“We’re completing delivery of 22 new AC locomotives and are in the process of injecting 100 more locomotives into our fleet that were in long-term storage,” Fenske wrote. “We’ve

increased our capital spending for the year by \$100 million, including investments in our Edmonton to Jasper corridor.”  
Despite setbacks CN shipped 15 per cent more cars out of Manitoba through the first 13 weeks of this crop year compared to last year and is current on all orders, she wrote.  
Fenske blamed a number of factors for service problems, including a derailment in Alberta caused by strong winds, reduced unloads at Prince Rupert because the grain terminal is not operating seven days a week, and increased shipments of other commodities.  
“CN continues to see increased demand across several business segments including intermodal, metals, coal and frac sand,” Fenske wrote.

“Following more than a year of declining volumes, dating back to 2015, our economy has turned around.”  
In week 10 CN fulfilled 83 per cent of the cars grain companies ordered for that week, but percentages fell to 68 and 61 per cent respectively in weeks 11 and 12.  
Most weeks this crop year CP Rail delivered 90 per cent of the cars grain companies ordered for that week.

**Eagle eye**  
Grain companies and farmers are gun shy after a huge backlog of grain occurred in the 2013-14 crop year, which by one estimate cost farmers more than \$5 billion in lower prices

Continued on next page »

## WHAT’S UP

Please forward your agricultural events to [daveb@fbcpublishing.com](mailto:daveb@fbcpublishing.com) or call 204-944-5762.

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

**Nov. 14-16:** Canada’s National Hemp Convention, Ottawa Marriott Hotel, 100 Kent St., Ottawa. For more info visit [www.hemptrade.ca](http://www.hemptrade.ca).

**Nov. 19-21:** Manitoba Farm Women’s Conference, Victoria Inn, 3550 Victoria Ave., Brandon. For more info visit [www.manitobafarmwomensconference.ca](http://www.manitobafarmwomensconference.ca).

**Nov. 23-25:** National Farmers Union annual convention, Holiday Inn Ottawa East, 1199 Joseph Cyr St., Ottawa. For more info visit [www.nfu.ca](http://www.nfu.ca).

**Nov. 29-30:** Western Canada Cleantech Innovation Forum, RBC Convention Centre, 375 York Ave., Winnipeg. For more info visit [meia.mb.ca/event/127](http://meia.mb.ca/event/127) or call 204-783-7090.

**Dec. 5-7:** CanolaWeek (including Canola Industry Meeting, Canola Discovery Forum and Canola Innovation Day), Hilton Garden Inn, 90-22nd St. E., Saskatoon. For more info or to register visit [www.canolacouncil.org](http://www.canolacouncil.org).

**Dec. 5-7:** Western Canada Conference on Soil Health/ Western Canadian Grazing Conference, Radisson Hotel Edmonton South, 4440 Gateway Blvd., Edmonton. For more info call 780-836-3354.

**Dec. 14:** Hog Days, 10 a.m. to 4:30 p.m., Manitoba Room and UCT Pavilion, Keystone Centre, 1175-18th St., Brandon. For more info visit [www.hogdaysbrandon.ca](http://www.hogdaysbrandon.ca).

**Dec. 15:** Fields on Wheels Conference, Four Points by Sheraton Winnipeg South, 2935 Pembina Hwy., Winnipeg. For more info visit [ctrf.ca/?page\\_id=4668](http://ctrf.ca/?page_id=4668).

**2018**  
**Jan. 16-18:** Manitoba Ag Days, Keystone Centre, 1175-18th St., Brandon. For more info visit [www.AgDays.com](http://www.AgDays.com).

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Continued from previous page

over two crop years. Both groups want to nip any potential new backlog in the bud.

“This year I am asking you to let KAP know if there is any late delivery of contracts by railways or grain elevators... and we will follow up... with the Crop Logistics Working Group, the Grain Monitor, the Ag Transport Coalition, the railways, the federal agriculture minister, the transport minister,” Keystone Agricultural Producers president Dan Mazier told delegates Nov. 2 at KAP’s fall advisory council meeting.

“We need to be on this. Time is of the essence if we are seeing any delays.”

In an Oct. 20 interview, Mazier said he was concerned with CN’s performance, especially compared to last crop year when most weeks CN fulfilled 90 per cent or more of car orders.

As of week 10 of 2017-18, CN had cancelled 1,596 car orders, compared to 516 during the same period in 2016-17. As of week 12 the figure had almost doubled to 3,337 cars — the

**“We’re completing delivery of 22 new AC locomotives and are in the process of injecting 100 more locomotives into our fleet that were in long-term storage. We’ve increased our capital spending for the year by \$100 million, including investments in our Edmonton to Jasper corridor.”**

KATE FENSKE  
CN

equivalent of almost 8,000 B trains, Mazier said.

According CN’s statistics, in week 13 its network was recovering. Although strong customer demand continued to exceed the sustainable supply chain capacity, all contract orders were accepted and 776 spot orders were rationed, Fenske wrote.

CN says its system can handle 4,000 cars a week in winter, but it shipped 4,482 in week 13.

Since the start of the crop year CN says it shipped 5.2 million tonnes (57,100 cars), plus 8,258 private cars (767,000 tonnes).

Since 2013-14 grain companies have learned not to make grain sales if they fear the rail-

ways can’t deliver the cars to fulfil them, Mazier said.

“How does that not quash a free market? They (railways) are the bottleneck in the whole free market,” Mazier said. “We are under this illusion we’re in an open market and we market all we want and then the railways come along and say ‘no, we can’t do that.’”

#### Industry worries

The Western Grain Elevator Association (WGEA), which represents the West’s major grain companies, is also concerned about CN’s recent performance, but is willing to cut it some slack given its recent challenges and that it’s adding crews and power, executive director Wade

Sobkowich said in an interview Nov. 3.

“We feel we need to give them (CN) the opportunity to correct this before we start taking any action with the government or otherwise,” Sobkowich said, alluding to emergency powers invoked by Ottawa in March 2014 ordering both railways to move a minimum volume of grain weekly or be fined.

“CN is trying to manage the issue,” Sobkowich said. “We do recognize that it will probably take them awhile to recover, even if they could bring on power and crews right away. So we’re going to try and work with that.”

Since part of the problem is increasing volumes of non-grain traffic, measures need to be taken to better predict railway demand, Sobkowich said.

“Intermodal is a more competitive industry than the grain industry,” he said, alluding to how containers can more easily move from one railway to another. “Both railways tend to want to put more resources into shipping containers than grain cars and that doesn’t work for us.”

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## C-49 Transportation Modernization Act off to Senate

BY ALLAN DAWSON

Co-operator staff

Bill C-49, the Grain Modernization Act, has passed third reading in the House of Commons and now goes to the Senate for debate.

Farmers and grain companies hope if it becomes law the railways will be obliged to sign level-of-service contracts backed by financial penalties.

“It’s clear that the federal government has listened to our industry,” Alberta Wheat Commission (AWC) chair Kevin Auch said in a news release Nov. 2. “With Canada’s agriculture sector working to increase its export capacity, AWC has pressed hard to ensure a more efficient and accountable transportation system.

The AWC wants the Senate to make passing C-49 a priority, especially now when CN Rails grain service has slipped.

“While we didn’t get some key amendments we had asked for, including improvements to long haul interswitching, the legislation is still a major step forward for farmers,” Auch said.

The Western Grain Elevator Association (WGEA) has a similar view.

“We’re going to see if we can appear before the Senate... and inform it about some of the areas where the bill may not accomplish what was intended,” WGEA executive director Wade Sobkowich said in an interview Nov. 3. “But at the end of the day... we need to get it passed so that we can begin using the provisions.”

The bill would’ve been better if grain companies had been allowed to continue to move grain to a competing railway within 160 km of an interchange. That was an emergency measure introduced in 2014 to stimulate railway competition. It expired July 31.

Extending interswitching to 160 km from 30 worked, Sobkowich said, and it would’ve helped now if it was in place.

“The grain companies would be trying to get as much grain switched over to CP (from elevators on CN lines) as possible for the east-west movements and potentially to Burlington Northern as well for anything going south (to the United States),” he said.

Under C-49, long haul interswitching replaces extended interswitching, but it’s flawed because any elevator or processor within 30 km of an interchange isn’t eligible because they can do the short interswitch, Sobkowich said. The problem is that interchange may not be on a railway that services the grain company’s customer to the east, west or south. Under long haul interswitching a grain company has access to the nearest interchange that goes in the direction the shipper wants.

“Our concern is disadvantaging facilities that are either dual served, or within 30 km of an interchange that is no use to them,” Sobkowich said.

The WGEA is also disappointed C-49 does not add soybeans to the list of crops included under the maximum revenue entitlement (MRE). That means the railways can charge whatever they want to ship soybeans.

Under the MRE the railways can charge what they want to move grain, but the total revenue earned must not exceed an amount determined annually by the Canadian Transportation Agency, based on a formula that gives the railways a fair return and is adjusted to account for increased rail costs and the volume of grain moved.

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Heifers		—	
D1, 2 Cows		75.00 - 81.00	
D3 Cows		65.00 - 77.00	
Bulls		90.00 - 97.50	
FEEDER CATTLE (Price ranges for feeders refer to top-quality animals only)			
Steers	(901+ lbs.)	165.00 - 182.00	
	(801-900 lbs.)	185.00 - 205.00	
	(701-800 lbs.)	190.00 - 215.00	
	(601-700 lbs.)	210.00 - 232.00	
	(501-600 lbs.)	220.00 - 250.00	
	(401-500 lbs.)	230.00 - 285.00	
Heifers	(901+ lbs.)	—	
	(801-900 lbs.)	170.00 - 196.00	
	(701-800 lbs.)	175.00 - 196.00	
	(601-700 lbs.)	180.00 - 208.00	
	(501-600 lbs.)	195.00 - 237.50	
	(401-500 lbs.)	205.00 - 253.00	
SLAUGHTER CATTLE (\$/cwt)			
Grade A Steers	(1,000+ lbs.)	\$ —	\$ 119.58 - 141.85
Grade A Heifers	(850+ lbs.)	148.00 - 148.25	118.08 - 137.98
D1, 2 Cows		80.00 - 95.00	46.21 - 69.43
D3 Cows		70.00 - 85.00	46.21 - 69.43
Bulls		—	70.87 - 95.85
Steers	(901+ lbs.)	\$ 191.00 - 203.00	\$ 166.85 - 204.24
	(801-900 lbs.)	198.00 - 212.00	180.98 - 210.60
	(701-800 lbs.)	207.00 - 220.00	195.33 - 223.13
	(601-700 lbs.)	215.00 - 231.00	210.18 - 247.93
	(501-600 lbs.)	224.00 - 246.00	220.28 - 262.22
	(401-500 lbs.)	243.00 - 271.00	227.92 - 280.17
Heifers	(901+ lbs.)	\$ 177.00 - 189.00	\$ 151.51 - 180.30
	(801-900 lbs.)	180.00 - 194.00	165.36 - 197.78
	(701-800 lbs.)	185.00 - 199.00	158.83 - 192.09
	(601-700 lbs.)	191.00 - 205.00	187.24 - 218.83
	(501-600 lbs.)	198.00 - 218.00	197.85 - 227.48
	(401-500 lbs.)	206.00 - 234.00	207.49 - 236.92

Futures (November 3, 2017) in U.S.					
Fed Cattle	Close	Change	Feeder Cattle	Close	Change
October 2017	114.15	2.95	October 2017	155.43	2.28
December 2017	120.70	4.55	November 2017	157.18	4.40
February 2018	126.10	5.45	January 2018	156.10	4.90
April 2018	125.63	4.43	March 2018	153.08	5.00
June 2018	117.58	3.25	April 2018	153.00	5.35
August 2018	114.55	3.02	May 2018	152.00	5.00

Cattle Slaughter			Cattle Grades (Canada)		
	Week Ending Oct 28, 2017	Previous Year		Week Ending Oct 21st, 2017	Previous Year
Canada	59,117	53,458	Prime	1,318	1,157
East	12,984	12,775	AAA	30,576	28,633
West	46,133	41,883	AA	16,314	12,992
Manitoba	NA	NA	A	885	487
U.S.	617,000	614,000	B	1,074	1,133
			D	7,740	8,087
			E	471	241

## 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.)	176E	172.06	141.15	
MB (Index 100) (Fri-Thurs.)	164E	161.06	131.19	
ON (Index 100) (Mon.-Thurs.)	160.91	154.61	123.47	
PQ (Index 100) (Mon.-Fri.)	163.78	152.89	126.75	

Futures (November 3, 2017) in U.S.		
HOGS	Close	Change
December 2017	65.80	0.75
February 2018	72.05	1.52
April 2018	75.73	1.32
May 2018	80.28	1.78
June 2018	82.98	1.55

## Other Market Prices

Sheep and Lambs			
\$/cwt	Winnipeg Woolled Fats	Toronto	SunGold Specialty Meats
Ewes	Choice	111.91 - 146.00	—
Lambs	(110+ lb.)	174.45 - 199.33	
	(95 - 109 lb.)	186.32 - 205.65	
	(80 - 94 lb.)	197.23 - 232.33	
	(Under 80 lb.)	157.88 - 248.81	
	(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		
Turkeys		Goats	
Minimum prices as of November 6, 2017			
<b>Broiler Turkeys</b> (6.2 kg or under, live weight truck load average)			
Grade A .....	\$1.910		
Undergrade .....	\$1.820		
<b>Hen Turkeys</b> (between 6.2 and 8.5 kg liveweight truck load average)			
Grade A .....	\$1.890		
Undergrade .....	\$1.790		
<b>Light Tom/Heavy Hen Turkeys</b> (between 8.5 and 10.8 kg liveweight truck load average)			
Grade A .....	\$1.890		
Undergrade .....	\$1.790		
<b>Tom Turkeys</b> (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.			

### COLUMN

# Cattle prices stay high with large fall run volume

Auction marts were packed with cattle, yet prices stayed on the stronger side

ASHLEY ROBINSON  
CNSC



The momentum from previous weeks continued at Manitoba auction marts during the week ended Nov. 3, as prices held steady and volumes stayed strong.

“Pretty much every auction mart around the countryside was full this week for the consignments and prices stayed relatively strong,” said Rick Wright of Heartland Order Buying Company.

Approximately 17,282 head were sold at the province’s eight major auction marts during the week ended Nov. 3, up slightly from the previous week where 17,201 were sold.

Prices for feeder cattle held steady. Steers 800 to 900 pounds sold anywhere from between \$165 to \$214 per hundredweight. Heifers in the same weight sold for slightly less, falling between \$160 to \$191 cwt.

“The heifers have already increased in prices the last three weeks... still a fairly big spread but it did tighten up quite a bit,” Wright said.

On the slaughter market prices held steady from the previous week as well. D3 to D5 cows sold between \$65 to \$81 cwt across the province.

“We thought if the market was going to break it would break this week... the week’s pretty much wrapped up and things held on fairly well,” Wright said.

Wright said there is starting to be more interest from buyers in Eastern Canada, which is helping the market in Manitoba.

“We thought if the market was going to break it would break this week... the week’s pretty much wrapped up and things held on fairly well.”

RICK WRIGHT  
Heartland Order Buying Company

“The fat market is a little better than what it was in the East. Some of these guys are getting a little better price for the finished cattle so they’re starting to inquire about buying calves out of the West,” he said.

This is one of the busiest weeks at auction marts in the province for the fall run which can lead to transportation issues. However, this is always the case at this time of year, according to Wright.

“Transportation does dictate a little bit as to what the price is going to be. But we seemed to get through this week pretty unscathed,” he said.

Volumes are expected to start to fall in the coming weeks. However, Wright said with most portions of the province receiving snow over the week, it could push some cattle into the auction marts.

“If the cows are out there now they’ve got to be supplemented with some feed. And so (the snow will) make marketing decisions fairly easy for them. It’ll either be weaning them and selling them or they’ll be hanging on to them,” he said.

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

### BRIEFS

## Low-protein U.S. soy crop dents meal quality

BY KARL PLUME  
Reuters

A protein shortfall in this year’s U.S. soybean crop has forced processors like Bunge to cut the amount of the nutrient they can guarantee in soymeal, prompting concerns that animal feed costs and meat prices could rise.

Adverse crop weather this summer likely dragged down the protein content of soybeans, prompting concern that the soymeal produced at crushing facilities will be light on protein and other key nutrients, traders and agriculture experts said.

Soy plants can tweak processing steps to maximize protein yields and animal feeders can alter rations to include other feeds and supplements. But consumers may ultimately feel the pinch in higher poultry and pork prices as the steeper production costs are passed along.

“The pig doesn’t care if it’s a low-protein crop or not,” said Charles Hurburgh, professor of agricultural engineering at Iowa State University. “The pig just wants the protein so the nutritionist has to adjust rations. They will probably end up with a little bit more expensive rations.”

Hurburgh is gathering samples for the United Soybean Board’s annual soy quality survey. Early data suggests the U.S. crop

would average about 34 to 34.5 per cent protein, down from 35 per cent normally, he said.

That may translate to lower-protein soymeal. High-protein soymeal that typically is sold with 47.5 to 48 per cent protein is being offered at 46.5 or 47 per cent instead, traders said.

“In general, the industry is seeing lower protein content in new-crop soybeans,” said Deb Seidel, spokeswoman for Bunge North America. “Bunge, along with most other operators, have adjusted protein specs (in soymeal) to ensure we are accurately reflecting the product we sell to our customers.”

She did not elaborate on the size of those adjustments or the plants at which they have occurred.

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



GRAIN MARKETS

COLUMN

# An up-and-down week for canola prices

Prices hit highs not seen since summer but fell back by the end of the week

PHIL FRANZ-WARKENTIN  
CNSC



For three-times-daily market wreports and more from Commodity News Service Canada, visit the Markets section at [www.manitobacooperator.ca](http://www.manitobacooperator.ca).

ICE Futures Canada canola futures touched some of their best levels since July during the week ended November 3, but ran into resistance at the highs and were right back where they started by Friday’s close.

The January contract hit a session high of \$522.50 per tonne on November 2, but was back below the psychological \$520 mark by Friday when it closed at \$516.80. Looking at a weekly chart, the \$520 to \$530 area marks a fairly noticeable resistance zone, with any moves above that range few and short lived over the past four years.

The strength in canola was largely tied to the weakness in the Canadian dollar, as it traded below 78 U.S. cents. The declining currency makes canola that much more attractive to international buyers pricing in U.S. dollars.

Export demand remains solid for canola, with the latest weekly Canadian Grain Commission (CGC) report showing exports during the crop year to date at about 2.4 million tonnes. That’s up by roughly 300,000 tonnes from the same point the previous year.

The domestic crush remains solid as well, with the total crush to date of 2.26 million tonnes only 40,000 behind what was processed during the first three months of the previous crop year, according to the latest Canadian Oilseed Processors Association (COPA) data.

Harvest operations are wrapped up across most of the Prairies, and farmers may be closing their bins for the time being waiting for their next target. Cash bids in the \$11-per-bushel area could be found across most of the Prairies during the week, but the \$12 mark is likely the next selling target for many growers.

In the U.S., the soybean harvest was in its final stages while the corn harvest passed

the halfway market. Soybeans and corn both chopped around during the week, with traders waiting on a clearer sense on the size of the crops before pushing values too far one way or the other.

The USDA’s monthly supply/demand report, due out on November 9, could provide some answers. Anecdotal reports that later harvested soybean crops were seeing disappointing yields has many traders anticipating a downward revision to the overall U.S. soybean yield estimate in the November USDA report. Corn, meanwhile, is expected to see yields revised higher from the October report.

Beyond the U.S. production, the world’s next crop is just being planted in South America, making weather conditions there important to keep an eye on.

For wheat, the Chicago and Kansas City contracts hit their softest levels in six months during the week, but may have finally hit a bottom as buying came forward at the lows. U.S. wheat is thought to finally be at a price that’s competitive on the world market, bringing in some bargain buying.

Minneapolis spring wheat never fell as low as its more actively traded winter wheat counterparts, and also outpaced to the upside when those markets moved higher. World supplies of higher-protein wheat are reportedly on the tight side, which could lead to widening price spreads going forward.

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

## Manitoba Elevator Prices

Average quotes as of November 6, 2017 (\$/tonne)

	Future	Basis	Cash
E. Manitoba wheat	229.56	20.55	250.11
W. Manitoba wheat	229.56	7.18	236.74
E. Manitoba canola	516.80	-22.38	494.42
W. Manitoba canola	516.80	-28.26	488.54

Source: pdqinfo.ca

## Port Prices

As of Friday, November 3, 2017 (\$/tonne)

	Last Week	Weekly Change
U.S. hard red winter 12% Houston	181.60	7.90
U.S. spring wheat 14% Portland	275.45	n/a
Canola Thunder Bay	526.80	-2.40
Canola Vancouver	536.80	-5.40

## Closing Futures Prices

As of Thursday, November 2, 2017 (\$/tonne)

	Last Week	Weekly Change
ICE canola	514.30	4.10
ICE milling wheat	n/a	n/a
ICE barley	n/a	n/a
Mpls. HRS wheat	229.56	0.55
Chicago SRW wheat	156.44	-0.55
Kansas City HRW wheat	156.81	0.55
Corn	137.10	-0.20
Oats	170.53	-1.46
Soybeans	358.99	0.64
Soymeal	345.92	1.98
Soyoil	758.96	-9.26

## Cash Prices Winnipeg

As of Friday, November 3, 2017 (\$/tonne)

	Last Week	Weekly Change
Feed wheat	n/a	n/a
Feed barley	160.76	2.76
Rye	n/a	n/a
Flaxseed	463.76	-13.78
Feed peas	n/a	n/a
Oats	188.69	-4.54
Soybeans	382.51	-4.04
Sunflower (NuSun) Fargo, ND (\$U.S./CWT)	17.15	n/a
Sunflower (Confection) Fargo, ND (\$U.S./CWT)	Ask	Ask

# Hard red spring wheat bids firm on Prairies

Basis levels varied a bit, but in general remained steady within an established range

BY DAVE SIMS  
CNS Canada

Hard red spring wheat bids in Western Canada rose for the week ending Nov. 3, tracking action in the U.S. futures.

Depending on the location, average Canada Western Red Spring (13.5 per cent protein CWRS) wheat prices were up C\$3 to C\$5 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 \$237 per tonne in western Manitoba, to as high as \$260 in Alberta.

Quoted basis levels varied from location to location, but generally held steady to range from about \$16 to \$30 per tonne above the futures when

Average prices ranged from about \$237 per tonne in western Manitoba, to as high as \$260 in Alberta.

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\$0.7835) CWRS bids ranged from US\$185 to US\$204 per tonne, which was up on a U.S. dollar basis on the week. That would put the currency adjusted basis levels at about US\$23 to US\$41 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 \$35 to \$58 below the futures.

Canada Prairie Red Spring (CPRS) wheat bids were roughly \$3 lower to \$5 higher. Prices across the Prairies ranged from \$165 per tonne in southeastern Saskatchewan to \$185 per tonne in southern Alberta.

Average durum prices rose \$3 to \$5, with bids in Saskatchewan and Alberta ranging from about \$265 to \$274 per tonne.

The December spring wheat contract in Minneapolis, which most CWRS contracts Canada are based off of, was quoted at US\$6.2475 per bushel on November 3, which was up by 7.75 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 December Kansas City wheat contract was quoted at US\$4.2675 per bushel on November 3, up by 1.50 U.S. cents compared to the previous week.

The December Chicago Board of Trade soft wheat contract settled at US\$4.2575 on November 3, which was down by 1.50 U.S. cents on the week.

The Canadian dollar settled at 78.35 U.S. cents on November 3, which was up by roughly two-thirds of a cent compared to the previous week.



# LIVESTOCK

HUSBANDRY — THE SCIENCE, SKILL OR ART OF FARMING

## Students see rodeo first hand

Ag Ex once again brought in the region’s Grades 6-8 students for a look behind the scenes at rodeo

**BY ALEXIS STOCKFORD**  
Co-operator staff

If you asked Brandon’s middle schoolers how a bull rider grips his rope on Oct. 25, you would probably get silence. If you asked the same question a day later, they might be able to answer.

Riding rough stock was one, but not the only, topic at the Keystone Centre’s main arena as the region’s Grade 6-8 students got a temporary backstage pass into rodeo.

The Equine Academy returned Oct. 26 to Brandon’s Ag Ex, the last — and arguably most agriculture-oriented — fair put on by the Provincial Exhibition of Manitoba in 2017.

“We wanted to educate the students on, not just the rodeo, but the entire horse industry,” trade show and program coordinator Jennifer Skiehar said. “They come in and they learn about the rodeo. They learn about the fast track, which is all of the timed events, bucked off, which is all of the rough stock events and then they also learn about the health of the horse, the history of the horse, business of horses and the life cycle of horses — it’s really just to give them the opportunity to learn more about the actual horse industry and what’s out there and make sure they’re aware that these horses are prized animals.”

The similar Moo!Mania education program centred around the beef industry drew younger students from Grades 3-5 on Oct. 24, many from the same schools that attended the Equine Academy days later.

The horse event targeted older students to give her organization’s agricultural education more reach, Skiehar said.

“It might be a little bit harder because you have to teach them a little bit differently than the younger kids, but that’s why we did it, to work with different kids and bring in different ages,” she said.

It’s the second year for the Equine Academy. In 2016 the Provincial Exhibition of Manitoba introduced the event as a tie-in to the Manitoba Finals Rodeo, now the fair’s main evening attraction.

The Manitoba High School Rodeo Association provided instructors for the day Oct. 26. Competitors walked students through the details of rodeo events, equipment, feed, horse measurements and rodeo safety — including a literal inside look into the rodeo clown barrel.

For Sheilagh Sattler, a Glenboro resident and mother to this year’s Manitoba High School Rodeo Association queen, Milagh Sattler, the event was one out of a long list she has attended to promote



A high school rodeo competitor teaches how to grip the bull rope to students from Earl Oxford School Oct. 26. PHOTOS: ALEXIS STOCKFORD



Manitoba's high school rodeo queen (l) explains rodeo events to students Oct. 26 during the Equine Academy at Brandon's Ag Ex.



Students from Douglas Elementary School explore livestock feed Oct. 26 during the Equine Academy at Brandon's Ag Ex.

**“I think the kids are learning a lot. I have a lot of horse lovers in my class, so I thought this would be a perfect event to bring them to.”**

**TIFFANY EASTON**  
teacher, Earl Oxford School

their sport. All three of her children compete, she said, including roping, goat tying, and timed events for the girls and bull and saddle bronc for her son.

“It’s an amazing sport for any kid,” she said. “It teaches them responsibility, respect, work ethic. With high school rodeo you have scholarships that you can get — just lots of good stuff with high school rodeo. I can’t say enough.”

### Student response

It was the first time children from Earl Oxford School in Brandon attended.

Tiffany Easton, one of the teachers to accompany two Grade 5/6 classes from the school, described the event as a good experience for the students.

“I think the kids are learning a lot. I have a lot of horse lovers in my class, so I thought this would be a perfect event to bring them to,” she said, pointing to several dressed in plaid, jeans and cowboy boots — a universal uniform in livestock fairs across Western Canada — for the occasion.

Most of her students, although not all, are from an urban background, she added. “I think they learned a lot

about bull riding and each individual event, they’ve learned a lot about,” Easton said. “Also, the equipment that they use and how to feed a horse and take care of a horse. There’s a lot of work that goes into it that I think none of us had any idea about.”

It was a less novel event for some students from Douglas Elementary, one of two rural schools to attend.

Janet Rankin, a Grade 5/6 teacher from the community 25 kilometres east of Brandon, hoped to see the event return in future years.

“They love it,” she said. “We’re from a rural school, so lots of them have horses and there’s a select few of our class who have never been around animals, so it’s great to both.”

About 170 students attended this year, slightly up from 2016. Much like the cattle-focused Moo!Mania, however, Skiehar said she is limited to a set number of spots due to scheduling.

The event is worked into the larger Ag Ex and must therefore work around livestock shows and sales.

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SHEEP & GOAT COLUMN

# As markets fill, prices drop

The latest sheep and goat sale at Winnipeg Livestock Sales saw buyers the clearcut winners

BY MARK ELLIOT  
Co-operator contributor

Some say November is the end of autumn, others, the start of winter. Either way the Nov. 1 sheep and goat sale at Winnipeg Livestock Sales coincided with the arrival of snow. It also featured a low-key and subdued tone with markets filling and animal quality average rather than exceptional. Producers could be reducing herds, given the time of year, and engaging in a general cleanup of their flocks and herds.

During the sheep sale, wool ewes dominated, but were not of top quality or even well maintained. Many were matted with burrs and struggled to even find and keep low bidding. The quality animals that were on offer were rewarded with better prices. A group of seven 157-pound Suffolk-cross ewes with good quality and structure fetched \$1.25/lb. Overall there was less bidding than at the last sale.

Ram selection was limited, but despite this there was less buyer interest, allowing buyers to be more picky. The best example of this was a group of Suffolk-cross lambs and a Rideau-cross lamb with an average weight of 188 lbs. that brought \$216.20 (\$1.15/lb.). Meanwhile two Cheviot-cross rams and a Dorset-cross ram at 172 pounds brought \$163.40 (\$0.95/lb.). A 95-pound Katahdin-cross ram brought \$103.12 (\$1.075/lb.).

Lambs also saw selective bidding from buyers. Two 120-pound Rideau-cross lambs brought \$192 (\$1.60/lb.), yet a group of three 120-pound lambs later brought \$163.20 (\$1.36/lb.). A group of seven 111-pound lambs brought \$1.66/lb.

Market lambs held in a price range from \$1.67-\$1.74/lb. The presence of burrs clearly showed a negative effect on price, with a winning bid of \$1.44/lb. Exotic breeds were of little interest to buyers. Two 95-pound Icelandic-cross lambs brought \$1.02/lb.

Feeder lambs saw slightly more buyer interest and more bidding activity. There appeared to be no price differences between wool and hair lambs. The average price ranged from \$1.69 to \$1.80/lb. An exception was a group of five 80-pound Dorset-cross lambs bringing \$1.86/lb.

Lightweight lambs had the buyers in a selective mood once again. Four 74-pound Dorper-cross lambs brought \$1.47/lb. A 70-pound Cheviot-cross lamb brought \$1.61 per pound. A group of sixteen 77-pound lambs brought \$1.98/lb.

A 60-pound Dorper-cross lamb brought \$1.71/lb. A 65-pound Dorset-cross lamb brought \$1.82/lb.

A 40-pound Dorset-cross lamb brought \$2.10/lb.

In the goat sale, Alpine-cross does were the feature of the dairy side of the doe class, though many of the animals still required fattening. The thin appearance of an 85-pound Alpine-cross goat doe resulted in a price of just \$0.91/lb., while an 85-pound Boer-cross goat

GOAT DOES	/ lb.	ANIMAL WEIGHT
MEAT	\$1.77	85 lbs.
	\$0.93	110 lbs.
	\$0.85	165 lbs.
DAIRY	\$1.21	105 lbs.
	\$1.32	76 lbs.
	\$1.19	78 lbs.
	\$0.77/\$0.91	85 lbs.
	\$0.95	116 lbs.
	\$1.36	123 lbs.
BUCKS		
MEAT	\$1.78	73 lbs.
	\$1.88	80 lbs.
	\$1.32/\$1.53	95 lbs.
	\$0.43	100 lbs.
	\$1.42	150 lbs.
DAIRY	\$1.12	130 lbs.
	\$1.31	145 lbs.
	\$0.59	165 lbs.
ANGORA	\$0.81	120 lbs.
PYGMY	\$0.78	80 lbs.
KIDS > 80 LBS.		
MEAT	\$1.49	61 lbs.
	\$1.98	63 lbs.
	\$1.99	66 lbs.
	\$2.00	69 lbs.
MEAT	\$1.67	54 lbs.
	\$1.42	58 lbs.
DAIRY	\$1.56	55 lbs.
	\$1.37	59 lbs.
MEAT	\$1.44	40 lbs.
	\$1.44	47 lbs.
DAIRY	\$0.94/\$1.67	45 lbs.
	\$1.44	47 lbs.
MEAT	\$1.01	37 lbs.
PYGMY	\$0.65	40 lbs.

doe brought \$1.77/lb. The seasonal markets are filling so the visual appearance of the animals is showing more in the bidding.

There was also a large contingent of goat bucks at the sale, the result of herd management. The heavier Alpine-cross goat bucks were slightly lower in price when compared to the Boer-cross goat bucks. A 165-pound Toggenburg goat buck brought \$0.59/lb. An 80-pound Pygmy goat-cross buck brought \$0.78/lb.

Relative to some recent sales, buyers had an excellent selection of goats to choose from, including goat kids. This predictably resulted in lower bidding this sale. Sellers were disappointed to see this, knowing that growing demand towards the holiday season will likely result in higher prices at the next few sales.

There were quality Boer-cross goat doelings at this sale for any farmer starting to add to the herd.

The 60-plus-pound goat kids attempted to continue the strong bidding, as past sales. However, the bids fell short. The average price ranged from \$1.98-\$2/lb. The September 20, 2017 sale recorded a price range from \$2.33-\$2.68/lb. for meat and dairy goat kids in the weight class.

The 50-plus-pound goat kids could not maintain the prices seen at the last sale. The average prices ranged from \$1.37-\$1.67/lb., compared to an average price last sale of \$2.15/lb. for goat kids.

The 40-plus-pound goat

kids reflected the buyers' choice nature of this sale in the bidding. Two different groups of Alpine-cross goat

SHEEP	
EWES	\$192.50 - \$196.25
	\$221 - \$224.40
	\$183.60 - \$184.50
	\$168.72
	\$131.58 - \$154
LAMBS (LBS.)	
110+	\$192
	\$184.26
	\$163.20
95-110	\$186.18 - 220
	\$171 - \$172.80
	\$195.02 - \$203.84
	\$165.62 - \$183.34
80-94	\$161.10 - \$166.43
	\$186.18
	\$148.68 - \$151.20
	\$173.34 - \$179.35
	\$141.96
	\$140.80
	\$135.20
< 80 lbs.	
70/74/77	\$112.70/\$108.78/\$152.46
	\$163.53 - \$167.70
	\$151.02 - \$155.80
60/65	\$102.60/\$118.30
	\$115.90 - \$148.92
40	\$84

kids at 45 pounds brought \$0.94 and \$1.67/lb. Four 40-pound Boer-cross goat kid wethers brought \$1.44/lb. and a group of 47-pound goat kids brought \$1.44/lb. Six 40-pound Pygmy-cross goat kids brought \$0.65/lb. Last sale, the goat kids ranged from \$1.69-\$2.52/lb. in this weight class.

Three 37-pound Boer-cross goat doelings brought \$1/lb.

The Ontario Stockyard Report reported that all classifications saw difficulties in sales. The demand created very limited interest, so prices were much lower. Even the goats had stress and pressure on the bidding, not reaching the past sales standards.



## Pasta in Italy is made with durum – or else!

The best pasta is made with durum wheat, just ask Italy. A decree from the President of Italy in 2001 declared that Italian pasta manufacturers are forbidden by law to use any wheat other than durum in dried pasta for domestic consumption. That’s a good thing for Canada, the world’s leading exporter of high quality durum wheat.



# LIVESTOCK AUCTION RESULTS

Weight Category	Ashern	Gladstone	Grunthal	Heartland	Heartland	Killarney	Ste. Rose	Winnipeg
				Brandon	Virden			
Feeder Steers	Nov. 1	Oct. 31	Oct. 31	Nov. 2	Nov. 1	Oct. 30	Nov. 2	Nov. 3
No. on offer	1,820	1,417*	1,133	2,488	3,512*	1,382*	2,184	2,400
over 1,000 lbs.	n/a	n/a	up to 168.00	n/a	n/a	n/a	150.00-165.00	170.00-185.00
900-1,000	n/a	140.00-180.00	150.00-189.00	n/a	178.00-190.00	n/a	n/a	175.00-198.00
800-900	n/a	100.00-199.00	165.00-197.00	200.00-219.00	196.00-214.00 (216.00)	200.00-210.00	195.00-208.00	190.00-213.00
700-800	198.00-223.25	125.00-216.50	170.00-216.00	215.00-228.00	208.00-224.00 (227.00)	210.00-225.25	210.00-228.50	200.00-221.00
600-700	183.00-238.25	105.00-224.50	180.00-220.00	218.00-233.00	214.00-232.00 (234.00)	210.00-228.00 (232.50)	220.00-242.00	210.00-236.50
500-600	199.00-243.50	125.00-242.50	220.00-260.00	225.00-240.00	225.00-247.00	220.00-243.00	225.00-246.00	220.00-246.00
400-500	200.00-246.00	101.00-280.00	230.00-270.00	250.00-277.00 (284.00)	245.00-271.00	240.00-270.00 (278.00)	240.00-285.00	230.00-280.00
300-400	220.00-257.50	200.00-283.00	270.00-332.00	260.00-300.00	265.00-298.00	255.00-287.00	n/a	250.00-310.00
Feeder heifers								
900-1,000 lbs.	n/a	110.00172.50	135.00-154.00	n/a	160.00-174.00	n/a	n/a	150.00-180.00
800-900	180.00-195.25	160.00-179.25	160.00-190.00	170.00-185.00	173.00-186.00	n/a	n/a	170.00-191.00
700-800	186.00-196.00	165.00-186.50	165.00-194.00	175.00-191.00	179.00-189.00	n/a	165.00-189.00	175.00-195.00
600-700	184.00-216.00	174.00-207.00	170.00-195.00	190.00-204.00	189.00-207.00	185.00-200.00	205.00-212.00	185.00-211.00
500-600	195.00-227.00	146.00-228.00	185.00-208.00	197.00-215.00	195.00-213.00	200.00-230.00	205.00-221.00	195.00-222.00
400-500	200.00-229.50	120.00-234.00	200.00-227.00	215.00-238.00	215.00-242.00	210.00-239.00	205.00-240.00	215.00-248.00
300-400	220.00-228.00	162.50-240.00	240.00-290.00	220.00-250.00	n/a	n/a	225.00-252.00	220.00-285.00
Slaughter Market								
No. on offer	260	n/a	149	126	n/a	n/a	151	260
D1-D2 Cows	81.00-89.00	50.00-65.00	40.00-70.00	78.00-85.00	80.00-86.00	80.00-86.00	82.00-95.00	n/a
D3-D5 Cows	72.00-79.00	65.00-72.00	70.00-80.00	65.00-77.00	76.00-80.00	n/a	72.00-81.00	118.00-123.00
Age Verified	90.00-95.00	72.00-82.25	n/a	n/a	n/a	n/a	n/a	n/a
Mature Bulls	100.00-118.50	92.50-99.00	60.00-90.75	95.00-106.00	96.00-111.00	100.00-111.00	85.00-98.00	90.00-100.00
Butcher Steers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Butcher Heifers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Feeder Cows	n/a	n/a	n/a	n/a	82.00-88.00	n/a	n/a	80.00-86.00
Fleshy Export Cows	400.00 and up	n/a	n/a	n/a	n/a	n/a	n/a	75.00-82.00
Lean Export Cows	n/a	n/a	n/a	n/a	83.00-93.00	n/a	n/a	65.00-75.00
Heiferettes	109.00-150.00	n/a	95.00-110.00	n/a	100.00-125.00	n/a	n/a	n/a
* includes slaughter market								

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

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COLUMN

# What to consider when blanketing your horse

The animal’s body condition, nutrition and level of activity can all affect this decision

**CAROL SHWETZ DVM**  
Horse Health



Most horses are blanketed in the winter according to the personal principles of the owner. However, like any other management practice, blanketing horses has its rightful place and proper use. The decision to blanket the horse comes with advantages and disadvantages.

First, it is good to know that nature has provided the horse with extremely effective and efficient anatomical, physiological and behavioural mechanisms to adapt to cold weather.

It is important the horse be in adequate body condition when the winter cold arrives. Horses with a moderate body condition score of 5/9 have a sufficient layer of fat to stave off the cold temperatures. Adequate fat cover serves to both insulate the animal’s body from the cold, as well as provide adequate energy reserves. It is healthy, maybe even biologically advantageous to the horse, to lose weight over the cold winter months.

Feed and nutrition are also factors linked to the requirement of whether or not to blanket. Heat is a byproduct created through digestion of long-stem forages or hay. Gut activity provides the horse’s body with a considerable source of internal heat, warming the body from the inside out. An extra measure of hay can be an especially important thermoregulatory bridge during a cold spell



The return of colder weather means horse owners may be considering blanketing their animals. PHOTO: THINKSTOCK

or when weather conditions shift with a rapid drop in temperature.

Horses can further warm themselves through the heat generated during muscular activity and movement. A horse feeling chilled will often appear to be restless or unsettled and will become physically active in an attempt to benefit from the warmth of muscular movement. The advantage of movement to the horse is somewhat compromised when horses are kept in small paddocks, turnout areas and confined to small winter drylots. In these environments the horse lives a fairly sedentary life, requiring little movement to forage. This is in contrast to the continuous movement often seen of horses left to paw on well-stocked snow-covered pastures.

Certainly, the healthiest solution for the horse during the winter season is to allow it to grow a long winter coat and provide

it with appropriate cold-season nutrition, freedom to move and shelter from the wind and wet into which the horse can easily move in and out of. Cold weather and snow are not problematic for the typical healthy horse.

Horse owners choose to blanket their horses for a number of reasons. Blanketing the horse changes the nature of its hair coat and the changes happen surprisingly quick. The density and/or thickness of the hair coat is reduced and the general length of the hair coat is decreased. This effect is often utilized to reduce the horse’s winter hair coat for showing and performance purposes. The practice of short clipping the entire hair coat in horses or body clipping has become a popular practice to further manage the winter coat. Under these conditions the blanket becomes necessary to maintain the horse’s comfort as its own source of nat-

ural warmth and protection is no longer available.

Within a short time of blanketing the horse’s hair coat begins to lose its loft. Lofting is a unique ability of the horse’s hair coat to “puff up.” The physiological process is called piloerection and increases the air content within the hair coat. The loft in a horse’s hair coat traps and warms air next to the horse’s body, insulating and retaining heat, like a duvet quilt. This process requires muscular activity at the level of the hair follicle and like all muscular activity it needs to be active to be strengthened and maintained — use it or lose it. The lack of loft in the hair coat of a horse blanketed through the winter will be in striking contrast to the loft of a horse that has spent the winter unblanketed.

Under certain circumstances, blanketing can be a welcome addition to the care of a horse, especially those horses that are struggling to cope with the added stress of cold weather. These horses could be ill and/or compromised. They may lack body condition for various reasons or perhaps may have been imported from a warmer climate and have not had time to acclimatize. Keep in mind that it does not take very long before a blanketed horse begins to rely on the blanket for warmth, often necessitating that the horse remain blanketed for the duration of the cold season.

If the decision is made to blanket the horse for the winter, then blanket management must be intelligently maintained to constantly adjust for proper blanket fit and weather changes. Both ill-

fitting blankets and overblanketing can be quite problematic for the horse, even detrimental to its health.

The unforgiving tightness and rubbing of an ill-fitting blanket causes hair loss, rub sores and over time pressure sores, lack of circulation and structural harm to the neck, withers and shoulders. These annoyances and restrictions may appear as coldness to touch, musculoskeletal stiffness, choppy strides and/or disjointed movement and soreness in the horse. It can be difficult to connect the symptoms to the blanketing without a detailed examination of the blanket’s fit. Snug-fitting blanket edges while the horse is standing can become quite restrictive when the horse is in motion, or lowering its head to eat. If the horse is consistently blanketed, the blanket’s fit will need ongoing and often daily assessment.

Overblanketing creates trouble for both the horse’s metabolism and health of the skin. When a horse overheats under a blanket it has limited means to cool itself and the added warmth and moisture from sweating makes the skin vulnerable to fungal and bacterial infections.

It is important to remember that if a horse is to be blanketed for a reasonable period of time or a complete season, the coat growth will be compromised. Therefore the decision to properly blanket a horse requires a prudent approach, due diligence, and often a lot of monitoring and work.

*Carol Shwetz is a veterinarian focusing on equine practice in Millarville, Alta.*

# Bridging the gap between urban and beef farm

Elementary students from southwest Manitoba beat the Ag Ex crowds Oct. 24 with an agricultural education event around cattle

**BY ALEXIS STOCKFORD**  
Co-operator staff

The day before Ag Ex is all about setup for most, but the festivities were already in full swing for 360 of the region’s Grade 3-5 students.

Moo!Mania, the fair’s nod to public education and the cattle industry, returned in the lead-up to the fair. One of three major events organized by the Provincial Exhibition of Manitoba, the four-day Ag Ex is the most cattle-centric and features both purebred and commercial shows as its main draws each year.

Nine years ago, organizers turned that focus to education and introduced Moo!Mania, drawing largely from Brandon schools.

This year, 14 classes from both Brandon and Carberry filtered around the bustle as exhibitors set up stalls, groomed animals and processed entries Oct. 24, ahead of the main event Oct. 25-28.

“They come in and, really, they’re learning about the cattle industry,” trade show and program co-ordinator Jennifer Skiehar said. “So the schools come in and there are six sessions that the kids will go to, and they’re going to learn about the life cycle of a cow, the inside of a cow, benefits of beef, business of beef, the history of the beef, as well as beauty school for cows.”

## Beef beauty

Appropriate for an event that boasts the province’s largest all-breed cattle show, breed development cropped up in both the day’s content and questions, while “beauty school” introduced the concepts of cattle showing and grooming, concepts often foreign to students not involved in 4-H or youth cattle programs.

“The beauty school for cows is usually the kids’ first time, the majority of them, unless they’re actual farm kids, to see a cow up close,” Skiehar said. “A lot of them, when I go to do school visits, they’ll say, ‘I’ve never seen a cow; they’re in the farm; they’re in the field.’”

Questions are not always light however, she added, sometimes branching into politically charged topics like hormones or animal welfare.

“What I’ve found is you have to take it down to their level,” she remarked when asked how she approached those questions.

“I have been asked a number of times, four or five times maybe, are we mean to the cattle? And I’m like, ‘Not at all. These cattle are babied. They are treated, very, very well,’” she said.

The event closed with the business side of beef. The show ring, which would fill with purebred cattle competing for both Ag Ex and, in the case of Charolais, national titles later in the week, became the site of a mock auction.



Grade 3-5 students “bid” on animals during the mock auction at Moo!Mania Oct. 24 in Brandon. PHOTO: ALEXIS STOCKFORD

## For ‘sale’

Select exhibitors volunteered their cattle to be shown and “bid” on, with students using mock money they had earned by answering questions through the day.

For 10-year-old Darby McCormack of Grenfell, Sask., it was a chance to get his cattle into the ring, as well as showcase an industry his family has been part of for generations.

According to the McCormack Family

Ranch website, the Saskatchewan producers are seventh-generation ranchers, now involved in breeding purebred Simmental and Maine-Anjou cattle, along with grain production.

“Lots of kids in my class only think a bull has horns,” McCormack said, adding that he hopes events like Moo!Mania might dispel some of those misconceptions.

## Running out of room

The program has hit its size limit and is consistently full, Skiehar said.

“Unfortunately, every year I have to say no to some schools,” she said. “I would love to grow it, but the way the schedule works, it just really isn’t feasible, unfortunately.”

In 2009, 180 students attended the inaugural Moo!Mania compared to 360 today.

“Which is really good for the schools and the kids,” Skiehar said. “They come out. They have a good time. They earn their ‘Moo Bucks’ by answering questions. Hopefully they learn a little bit. We’re really hoping that they learn from the cattle producers themselves, so that they’re not getting misinformation and they get to see a cow up close.”

A string of livestock events followed the Oct. 24 Moo!Mania over the next four days, including the 2017 Canadian National Charolais Show and Sale.

*astockford@farmmedia.com*



# WEATHER VANE

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

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## Winter here to stay?

Issued: Monday, November 6, 2017 · Covering: November 8 - November 15

**DANIEL BEZTE**  
Weather Vane



Last week’s forecast played out close to what the weather models predicted. The main difference was that last weekend’s low moved through southern and central regions a day earlier than expected. It also wasn’t able to tap into as much warm air as originally anticipated, resulting in the first widespread significant snowfall of the season.

For this forecast period it looks like winter might just be here to stay as cold high pressure looks to dominate our region. The first area of high pressure will build into our region late on Wednesday. We may see a few clouds along with the odd flurry early on Wednesday as a cold front pushes through ahead of the high. The high will be directly over southern and central Manitoba on Friday morning. This will likely be the coldest day, with the daytime high expected to be in the -5 to -8 C range with an overnight low around -15 C.

As this high slides off to the east a weak trough of low pres-

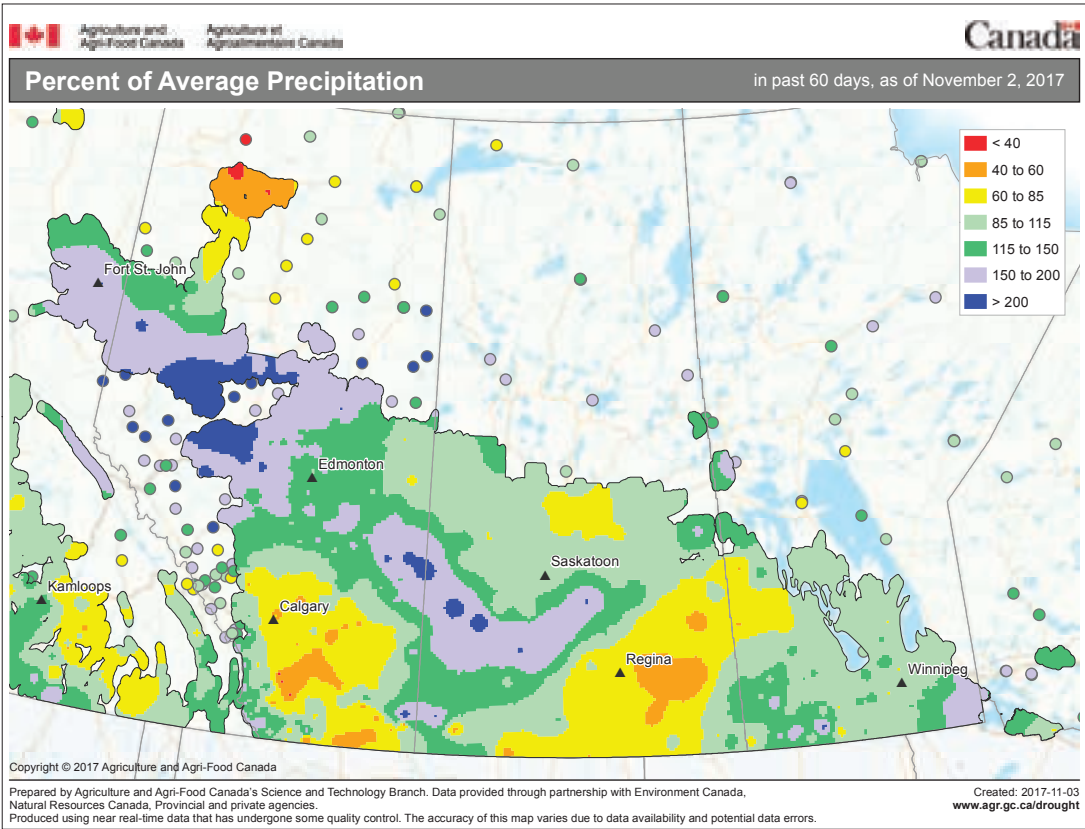
sure is forecasted to move through on Saturday, bringing with it some clouds along with a little bit of light snow. Another area of high pressure will then move in on Sunday, bringing a return to sunny skies and cool temperatures.

This second high will slowly move off to our southeast during the first half of next week. At the same time, an area of low pressure will move in off the Pacific and slide across the Prairies. The southerly flow on the back side of the high and ahead of the low will help to moderate our temperatures. Expect daytime highs to approach the 0° mark by Wednesday with overnight lows around -8 C. It looks like we’ll see a wintery mix of precipitation from this system, with some rain possible during the day transitioning to snow by evening.

Usual Temperature Range for this period: highs: -6 to 6 C, lows: -15 to -2 C. Probability of precipitation falling as snow: 75 per cent.

*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](mailto:daniel@bezte.ca).*

### WEATHER MAP - WESTERN CANADA



This issue’s map shows the total amount of precipitation that has fallen across the Prairies so far this fall. The combination of a wet September and a dry October across agricultural Manitoba has resulted in near- to slightly above-average amounts of precipitation this season. The only area with below-average amounts was the northwestern region. Farther west, eastern Saskatchewan along with southern Alberta were drier than average, while western Saskatchewan and most of central and northern Alberta were wetter than average.

## Early winter... and holiday gift ideas

Exactly when does winter typically arrive in Manitoba? It can vary a lot

**BY DANIEL BEZTE**  
Co-operator contributor

With what looks to be an early start to winter across the Prairies, I thought we should go back and take a look at just when we should expect winter to start across southern and central Manitoba.

As in most weather-related inquiries, figuring this out appears easier than it really is. How should we define the start of winter? Should it be the first significant snowfall? How about when the high temperature consistently stays below 0 C? Most people would agree that winter doesn’t really arrive until you have snow on the ground, so I used this as my measure of winter’s arrival. Narrowing this down we still have some problems defining the start of winter. What if the snow we received on November 4 melts and we don’t receive any more snow until December 4, for example. Did winter start on November 4 or December 4? For me, I call this situation a false start to winter and I would record the winter in this example as starting on Dec 4. Now, once this was determined I went through the snowfall records for Winnipeg,

**“... all three regions of agricultural Manitoba have seen winter start in October and have also seen it start as late as mid-December.”**

	Winnipeg	Brandon	Dauphin
<b>Earliest Start</b>	Oct. 27, 1972	Oct. 21, 1991	Oct. 8, 1959
<b>Latest</b>	Dec. 16, 1939	Dec. 15, 1974	Dec. 14, 1981
<b>Average</b>	Nov. 14	Nov. 14	Nov. 10
<b>Usual Range</b>	Nov. 3-26	Nov. 2-27	Oct. 29-Nov. 22

Brandon, and Dauphin going back to 1942 and I came up with the following results:

From this table, we can see that all three regions of agricultural Manitoba have seen winter start in October and have also seen it start as late as mid-December. Winnipeg and Brandon both have an average date for snow to stick around of November 14, with Dauphin being four days earlier at November 10. The usual range is a measure of the standard deviation around the average and it indicates the range of days that we should expect winter to begin. If winter begins before or after these dates, it is a very unusual year.

As I looked back, calculating when winter first arrives,

I also started tracking early-winter snowstorms. The earliest and largest snowstorm to hit our region (since 1942) occurred in October of 1959 and hit the Dauphin area. It began on October 7 and lasted until the 10th and during this time 53.5 cm of snow fell. This was enough that it did not melt before the real cold of winter moved in. The Dauphin region also holds the record for the second- and third-largest early-winter snowstorms. On November 13-14, 1984, the region experienced 43.4 cm of snow, and between November 5 and 10, 2000, Dauphin saw 44 cm of snow.

The fourth-place snowstorm goes to the Winnipeg region and it was not the blizzard of

1986 but the storm of 1958. Between November 15 and 18 the Winnipeg area received 43 cm of snow. During this same storm, the Brandon region saw its third-largest early-winter snowstorm, with a total accumulation of 27.5 cm. Later that same month, Brandon received a second, even larger snowstorm, which gave the region another 35.6 cm of snow and this stands as the largest early-winter snowstorm for that region. The blizzard of 1986 rounds off the list of top early-winter snowstorms, when on November 7 and 8 of that year the Winnipeg region saw 35.2 cm of snow fall. While, I don’t mind the snow, the older I get the less I seem to like it, so I’m hoping we don’t challenge any of these records this year.

Now, as promised, a quick look at weather-related items that you might want to put on your holiday list this year. For those of you interested in a full-blown weather station, the top choice once again is the Davis Vantage Vue system. Running between \$500 and \$700 this station has consistently ranked as one of the best. It pretty much measures everything you would want and is easy to install. While there are cheaper systems out there that do the same thing,

I can say from experience, the Davis stations just keep on working year after year, with minimal maintenance.

If a big-budget station is not what you are looking for then there are plenty of low-cost stations out there. Most of these stations have an indoor console to display the data and simply measure indoor/outdoor temperatures, humidity, and barometric pressure. They will often also give basic forecasts based on this data. Canadian Tire often has these systems on sale for some great prices. Just remember, these stations usually only work for a couple of years before something goes wrong.

Finally, there are the traditional style of weather instruments ranging from simple rain gauges to flashy barometers. One of the most interesting ones that I came across is the Fischer Instruments 115.01 laboratory-grade outdoor thermometer with human hair hygrometer. It runs for around \$100, looks nice, and is just a neat, accurate, conversational weather instrument.

There are literally hundreds of different weather instruments available, and if you go by the adage that you get what you pay for, you can’t go wrong.



# CROPS

HUSBANDRY — THE SCIENCE, SKILL OR ART OF FARMING

## Mixing and matching inputs and rotations

Brandon researchers spent 18 years combining three different input levels and crop rotations to study the impact on nutrients, soil quality, yield and implications for climate change

BY ALEXIS STOCKFORD  
Co-operator staff

Farming for short-term yield will be different than long-term soil benefit.

That’s not a new idea, but it has been driven home by 18 years of research spearheaded by researcher scientists Alan Moulin and Taras Lychuk of Brandon’s Agriculture and Agri-Food Canada research station.

From 1994-2003, the pair’s team cross-compared organic, reduced-input no till, and high-input management with three six-year rotations. There was a low-diversity rotation of wheat and summer-fallow, plus one year of canola, diversified annual grains (which mixed canola, fall rye, peas, barley, flax and wheat) and an annual-perennial mix, which took canola, wheat and barley and finished off the rotations with three years of alfalfa.

High inputs largely echoed conventional agriculture, while reduced-input systems applied fertilizer according to soil tests and yield goals and herbicides were applied to manage weeds.

### Where’s the balance?

For the Scott, Sask. research site, Moulin and Lychuk found that reduced inputs and a rotation of diverse annual grains rose to the top on their list of combinations.

“This combination may offer a sustainable solution, at least for that particular location we were looking at, in terms of soil organic carbon contents, the crop yield, nitrogen and phosphorus,” Lychuk said.

Limiting inputs made for the lowest nitrogen losses and highest phosphorus content, while reduced tillage, increased cropping frequency and “appropriate combinations of fertilizer input and diversified cropping” helped build carbon and organic matter and maintain soil nutrients.

“I’m not saying that following the zero tillage and including grain



Dr. Alan Moulin takes tour attendees through the field. PHOTO: DR. ALAN MOULIN

crops in the production will be a 100 per cent solution for farmers to pursue in the future,” Lychuk added. “It will just help alleviate the negative impacts of climate change on crop and environmental quality in the region.”

At the same time, the mix promised to be the most economical.

High inputs gave the most raw yield out of the three management systems and, within that system, low diversity and annual grain rotations outperformed the annual-perennial mix. Reduced-input no till, however, was close

behind. The lower inputs averaged 95 per cent of high-input yields in wheat.

Organic plots dropped behind with only 77 per cent of high-input yields, a pattern that would repeat throughout the study.

Results were similar in barley, but yields leaned more towards diversification. Both annual grains and annual-perennial crops yielded high when mixed with the two highest input levels.

The study noted, however, that yield increased in all three input systems over time.

### Downside

Soil quality data was not as kind to conventional agriculture.

Data from the second cycle (2001-06) found that fallow systems, like in any form of the low-diversity rotation or organic annual grains, had more nitrate in the 90-centimetre-deep rooting zone and more leaching into the subsoil.

High-input systems had a similar problem. Plants didn’t need or use the amount of nitrogen fertilizer added, which also increased nitrate in the rooting zone, the study found, although some years showed little nitrate difference between high- and reduced-input soil nitrate.

High-input plots averaged 84.7 kilograms of nitrate in the first 90 centimetres of soil from 2001-06, while reduced input and organic sat at 76 and 74 kilograms per hectare respectively.

“Our results suggest that conventional soil testing is not robust enough to detect over-application of fertilizer N, particularly during dry cycles,” the study’s final report read. “Under such conditions, some mechanism is needed to adjust recommended fertilizer rates downward to account for this.”

Carbon, likewise, favoured reduced-input no till, in no small part due to the reduction in tillage.

The lower-input system averaged 36 grams of aggregate organic carbon per kilogram of soil, compared to 31 grams per kilogram in high-input plots and 30 grams per kilogram in organic.

There was no impact on total organic carbon across either inputs or rotations, but light fraction carbon, light fraction organic matter and light fraction nitrogen were all highest in reduced input and, within the three rotations, in annual grains and annual-perennial plots.

See **BRANDON RESEARCHERS** on page 18 »

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BRANDON RESEARCHERS  
Continued from page 17

“Light fraction carbon accumulates at the surface of reduced tillage because the roots and the crop residue aren’t mixed thoroughly into the soil,” Moulin said. “In organic systems, with cover crops, that’s a different equation.”

Soil stability

Reduced-input plots had the highest wet aggregate stability (54.4 per cent compared to 42.6 per cent in conventional plots and 40.6 per cent in organic), something Moulin attributed to less tillage. Both annual grains and annual-perennial rotations (46.9 and 46.3 per cent, respectively) beat out low-diversity plots’ 44.3 per cent aggregate stability.

The study did not take organic cover crops into account, Moulin added, something that might add into the soil health equation when comparing reduced input and organic systems in the field today.

For Stephen Crittenden, one of the Brandon research stations’ experts in nutrient management and soil health, the study’s results become a matter of long-term versus short-term gain.

“Researchers looking at soil health might say that sometimes producers might take a hit in terms of yield in the short term,” he said.

Crittenden, who has delved into reduced tillage and is currently looking at biological soil health indicators like water movement, soil carbon, organisms like earthworms and water infiltration, argues that building soil health and soil structure will add capacity to the system and better buffer against environmental changes.

“These are indicators



Plots test different combinations of inputs and rotation diversities during an 18-year study at Scott, Sask. PHOTO: DR. ALAN MOULIN

**“I’m not saying that following the zero tillage and including grain crops in the production will be a 100 per cent solution for farmers to pursue in the future. It will just help alleviate the negative impacts of climate change on crop and environmental quality in the region.”**

TARAS LYCHUK  
AAFC

which, over the long term, the idea is they will build resistance to change,” he said. “So if they have a drought year and yields go down, you hope that the management practices that you implemented to try and improve your soil health will, in that case, give you a better yield.”

Organic’s nutrient struggle

Organic systems were generally nitrogen and phosphorus deficient.

Organic plots averaged 19 kilograms of extractable phosphorus per hectare in the first 90 centimetres of soil from 2001-06, compared to an average 24.3 kilograms per hectare in high-input systems and 25.5 kilograms per hectare with reduced input. Phosphorus was as high or higher in reduced input as in conventionally managed plots.

“One fundamental process in agriculture is that if you don’t add nitrogen and phos-

phorus and you continue to crop the soil, you’re going to remove nitrogen and phosphorus,” Moulin said. “So mining the soil in a system without replacing those plant nutrients will certainly reduce nitrogen and phosphorus in the soil. Other systems that use fertilizer and soil test recommendations for fertilizer will maintain nitrogen and phosphorus in the soil. That said, with organic systems — if you have a system that has green manure, for example — green manure can fix nitrogen and that nitrogen will be added to the soil and certainly reduce the loss of nitrogen.”

The study noted green manure helped limit both nitrate in the rooting zone and leaching, since the crop stored nitrate and used up more water that would have otherwise drawn the nutrient down.

Legumes and composted manure also helped make up for removed nitrogen,

although Moulin’s team warned that organic producers should be on the watch for dropping nutrients.

Environmental factors important

Farmers can play with combinations of inputs and rotations, but it might not matter in wet or dry years, Moulin and Lychuk said.

In both of those cases, environmental factors like terrain and rains took the lead.

“It has nothing to do with your inputs or crop diversity in that particular year,” Lychuk said. “That’s why we were looking at many years of simulations in climate change so that we can get a better signal based on average by averaging out the dry spells and wet spells in the long-term yield and N (nitrogen) and P (phosphorus) and carbon.”

Despite elevation varying only 3.5 metres across the field, the Scott study found that only 56 per cent of yield variation could be explained by input or diversity in 1998, the driest year of the study and terrain featured heavily into the difference. At the wettest point in 2010, about 66 per cent could be explained by input and diversity and in 2005, when crops were following a wet year, almost all wheat yield variation was attributed to terrain.

Likewise, a “primary yield driving factor” in the study was not input or diversity, but April rain. The early precipitation was cited for 18.5 per cent of total yield variation and, when combined with June rain, accounted for more yield variation than input and diversity changes.

The researchers argued taking those environmental factors into account during long-term field trials would lead to better data analysis.

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Feed barley marches ‘lockstep’ with U.S. corn

BY DAVE SIMS  
CNS Canada

The western Canadian feed barley market continues to take strength from consistent demand and a lower-size crop in 2017.

“The market has changed (got stronger) from last year when high vomitoxin wheat was trading at a discount,” said Jim Beusekom of Market Place Commodities in Lethbridge, Alberta.

He pegged the feed barley market at \$208 to \$210 per tonne while feed wheat is around \$210 to \$215 per tonne when speaking to CNS Canada in late October.

Beusekom explains the two feeds are up against U.S. corn values as supplies from the U.S. are being imported into southern Alberta.

“The market over the course of the fall has rallied up to where U.S. corn comes into the feed market and that’s where we stand right now,” he said.

Feedlots are using their options right now but are still willing to pay the going rate for feed barley and feed wheat.



**“The market over the course of the fall has rallied up to where U.S. corn comes into the feed market...”**

JIM BEUSEKOM  
Market Place  
Commodities

“If it’s much more than that though, they’ll switch to U.S. corn,” said Beusekom.

He adds some feeders have already brought in corn from the U.S. and are using some of it in their rationing.

Producers who are wondering where the market is going to go should just watch the corn market, he said.

“The market is lockstep with U.S. corn right now,” he said. “Keep that in mind for your upcoming winter price potential.”

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# First woman acclaimed to Manitoba Canola Growers' board

BY ALLAN DAWSON  
Co-operator staff/Portage la Prairie

The Manitoba Canola Growers Association (MCGA) doesn't need to run an election for directors this fall so the association's first optional online voting won't be held.

However, the association made history in a different way — acclaiming its first woman director.

Four directors' positions were open and only four people had thrown their hats in the ring when nominations closed Oct. 31, MCGA president Chuck Fossay said on the sidelines of the Keystone Agricultural Producers' advisory council meeting here Nov. 2.

Two incumbents, Fossay who farms at Starbuck and St. Andrews farmer Curtis McRae, as well as two newcomers, John Sandborn, who farms at Benito, and Dacotah farmer Pam Bailey, have been acclaimed.

"Pam Bailey's addition to the board marks a milestone for MCGA as the first female board member, bringing a passion for farm safety, strong technical knowledge of plants and the environment, as well as experience in organizational effectiveness, strategic planning and policy development," the MCGA said in a Nov. 6 news release.

**"Pam Bailey's addition to the board marks a milestone for MCGA as the first female board member, bringing a passion for farm safety, strong technical knowledge of plants and the environment, as well as experience in organizational effectiveness, strategic planning and policy development."**

MCGA RELEASE

"John Sandborn is a welcome addition representing the strong production area in the North West Parkland region of the province. John brings a wealth of board experience having been an elected director for Manitoba Pool Elevators/AgriCore co-operative, and Federated Co-operatives, among several others."

Two other incumbent directors — Brian Chorney of East Selkirk and Ed Rempel of Starbuck — couldn't seek re-election because they served the maximum three terms, totalling 12 years.

MCGA approved a bylaw change allowing for online voting at its annual meeting Feb. 16.

"We are just trying to make it easier for farmers to participate in the (MCGA directors') election process," Fossay told members before voting on the proposed bylaw.

Had an election been necessary MCGA members would've been able to cast a preferential mail-in or online ballot.

The MCGA hopes online voting proves popular because it's cheaper, executive director Delaney Ross Burtnack said in an earlier interview.

The MCGA has around 8,500 members and postage and paper costs add up, she added.

"It's members' dollars and we would much prefer to take advantage of current technology and save members' dollars for better things," Ross Burtnack said.

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Dacotah farmer Pam Bailey is the first woman to serve as a Manitoba Canola Growers Association director. She and three other nominees have been acclaimed to office. PHOTO: ALLAN DAWSON

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"It's amazing how quick the bulrushes have grown around the edges," said Seward. It's been a bit weedy but they'll eventually seed it to slough grass and hay it.

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"The location of that restoration is above the Pembina River, and there's a fair bit of drop down to the river, he said. "The way to treat that kind of erosion is through holding water back on the land. Those acres with maybe four or five feet of water put back on it has a pretty significant

"This is an area where they were trying to cultivate the land and so that is significant. In the flatter Red River Valley it's rare to find those locations where it's maybe not suitable to cultivation and landowners would consider a conservation project like this," Greenfield said.

"This benefits everyone in the watershed, including the municipality, as downstream roads are less at risk from washing out."

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CATTLE COUNTRY



Manitoba cattle are up to the challenges of the coming winter, heralded by the arrival of snow. PHOTO: JEANNETTE GREAVES

Forget rice, dish up Aztec pigweed

Forgotten Foods Network seeks to revive ancient food crops

BY HEBA KANSO  
Thompson Reuters Foundation

From Aztec pigweed to dragon beans — several ancient, often forgotten foods are making their way to the dinner table in an effort to diversify the diet of a growing global population.

In an initiative to cut the world's dependency on major crops like wheat and rice — Britain's Prince Charles has launched the Forgotten Foods Network to rediscover long-lost crops, fruit and vegetables.

As rising temperatures wreak havoc on farmers worldwide, scientists are seeking new ways to feed a population that is set to boom to an estimated 9.8 billion by 2050.

Ancient food like pigweed once eaten by the Aztecs can be eaten raw or be ground into flour — one of many crops that could add valuable nutrients to a limited modern diet, say experts.

"We must move beyond the 'business as usual' approach of relying on monocultures of major, well-known crops, and invest in agricultural diversity," Charles said in a video message.

The initiative was developed by Crops For the Future, a Malaysian organization doing crop research. Charles launched the campaign at their headquarters last week.

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# Ukraine winter wheat sowing near complete

Farmers there are ahead of last year’s pace and continue to harvest this year’s crop

REUTERS

Ukrainian farmers have sown 5.9 million hectares of winter wheat for the 2018 harvest, or 96 per cent of the expected area of 6.15 million hectares, the Agriculture Ministry said on Nov. 1.

Ukraine plans to sow 7.2 million hectares of various winter grains for next year’s harvest, including the wheat, 926,000 hectares of winter barley and 161,000 hectares of rye, the ministry said in a statement.

Winter wheat accounts for around 95 per cent of

Ukraine’s total wheat area, while the share of winter barley is around 60 per cent.

The ministry data shows farmers have also sown 796,000 hectares of winter barley and 145,000 hectares of rye.

Farmers have also completed winter rape sowing at 853,000 hectares, versus 798,000 hectares at the same date in 2016.

At the same date a year ago Ukraine sowed 5.7 million hectares of winter wheat and 772,000 hectares of winter barley.

The ministry also said farms had harvested 51.4 million tonnes of grain from 88 per



**“Ukraine has completed the 2017 wheat harvest, threshing a total of 26.6 million tonnes of the commodity.”**

cent of the sown area, or 12.8 million hectares. The yield averaged 4.03 tonnes per hectare versus 4.33 tonnes a year earlier.



Ukraine has completed the 2017 wheat harvest, threshing a total of 26.6 million tonnes of the commodity. It also completed the harvest of bar-

ley, rye, oats, peas and other minor cereals.

Farmers are continuing to thresh maize, harvesting around 13.3 million tonnes of the grain from 61 per cent of the sown area. The yield averaged 4.84 tonnes per hectare versus 5.94 tonnes at the same date in 2016.

Ukraine harvested a record 66 million tonnes of grain in 2016 and exported 43.9 million tonnes in the 2016-17 season, which runs from July to June.

This season, Ukraine plans to harvest between 61 million and 63 million tonnes of grain and 2017-18 exports could total up to 45 million tonnes.




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# Parched Prairies settle in for frigid winter

Big portions of Western Canada remain very dry headed into winter

BY DAVE SIMS  
CNS Canada

Much of Manitoba may have adequate soil moisture, but the same can't be said for your colleague to the west.

Timely snows will be badly needed this winter to insulate drought-stricken areas of Western Canada from what are expected to be cold temperatures.

Multiple areas of southern Saskatchewan are locked in a D-4 drought, which is the most severe category, according to Agriculture and Agri-Food Canada's drought-watch map.

"The area south of Regina is the driest region," said agroclimate specialist Trevor Hadwen. "Anything from Weyburn, west to Gravelbourg and down to the U.S. border is the biggest concern."

He adds a large storm system in early October helped bring some moisture to south-central Saskatchewan but it missed the deep south.

"Regina (area) got some but not enough," he said.

Parts of southern Alberta also have extremely low moisture levels, although not to the extent as southern Saskatchewan.

"Southern Alberta was fairly good at the beginning of the growing season but dried out near the end," Hadwen explained.

He adds areas around Drumheller and Hanna are especially dry.

Manitoba is looking much better than its Prairie counterparts. The only region that experienced a record-low moisture level was an area north of Swan River. Some areas north of the U.S. border are seeing extremely dry conditions.

According to Drew Lerner of World Weather Inc. in Kansas City, what's needed now is snow to insulate the extremely dry areas from the winter cold.

He says the southern areas of Alberta and the southwestern corner of Saskatchewan, near the border, should see above-average snowfall this winter.

But it won't matter much, if extremely cold temperatures arrive first.

"If the ground gets enough frost in it, it won't matter how much snow is on top of the ground it will run off before the frost comes out of the soil," he said.

Ideally, he says areas that are drought stressed need a record-setting warm winter where the ground doesn't freeze before water gets into the ground.

"And that's highly unlikely," said Lerner.

Temperatures will likely be below average for the majority of the Prairies, with some periods experiencing bitter cold, he noted.

He adds southeast Saskatchewan will see "thinner snow" but not necessarily below normal.

"We could still do fairly well, depending on how the storm systems come out of the U.S."



Most of Manitoba has decent soil moisture, but there's still plenty of concern in other parts of Western Canada. PHOTO: THINKSTOCK

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# Canadian grain futures fade away

Moribund ICE contracts delisted after years of little to no activity, including the long-standing barley contract



There's still plenty of cereal grains grown in Western Canada — but there are no longer any local commodity contracts to hedge them. PHOTO: THINKSTOCK

**BY PHIL FRANZ-WARKENTIN**  
CNS Canada

**I**f you build it, they won't always come,' turned out to be the case with ICE Futures Canada cereal grain contracts.

They were finally delisted on Oct. 26, 2017, after years of little to no activity.

Milling wheat and durum futures were introduced by ICE Canada in 2012 in response to the end of the Canadian Wheat Board's single-desk powers for marketing those crops, but last saw any activity in 2014.

Barley futures were around in one form or another through the original Winnipeg Grain Exchange since 1904, but had not seen any trade since 2016.

On the recommendation of the contract committee, ICE Canada announced the decision to delist the three grain contracts in a notice to participants on October 25, 2017.

"The grains contracts were promoted in an ongoing way, but it's been almost a year since the barley contract traded," said Brad Vannan, president and CEO of ICE Futures Canada. He added that of all three grain contracts, barley saw the most traction, "albeit limited."

The contracts were designed to be similar to ICE Canada's well-used canola futures, but were unable to gather enough liquidity to provide a valuable hedge.

"It's too bad that those futures didn't take off... we just couldn't build the momentum on it," said Jerry Klassen, manager of Canadian operations with Swiss-based GAP S.A. Grains and Products in Winnipeg. He said the lack of the futures market was especially bad for farmers, but said there were other options for price discovery.

Klassen said the advent of mass communication, such as text messaging and online price quotes, meant that farmers were able to access pricing options directly from grain buyers on a regular basis.

The relatively small number of those players handling a large percentage of the western Canadian wheat and durum market was likely a factor in the loss of the futures contracts.

Klassen, who trades durum into Europe, said durum was more of a specialty crop, with most of the business taking place directly between buyers and sellers without the need for a futures market.

For spring wheat, Klassen said the argument could be made that there was likely only enough production in North America for one futures contract, with the already established Minneapolis market offering stiff competition for the upstart Canadian contracts.

"There's a certain critical mass that any futures contract needs to be viable, and it was getting to the point that barley wasn't representing a large enough market," said Vannan on the loss of the barley contract.

"Durum was always a bit of a faint hope," said Vannan. Milling wheat had the most potential as a futures contract, "but it also had the most competition," he added pointing to the Minneapolis Grain Exchange spring wheat futures.

Vannan said ICE Canada was always on the lookout for new opportunities, but would need to see a critical mass of support from the trade before moving forward with another new offering.

"It's not a case of 'build it and they will come,' it's a case of there has to be real demand for that type of product," said Vannan. "The exchange is just a vehicle for the contracts. It's up to the marketplace to show that they're willing to support what would be launched."

As far as the remaining canola futures and options are concerned, "our canola contract continues to grow," said Vannan, noting that the canola market is performing very well with good convergence between the futures and cash on delivery months.

"The trade has continued confidence in the canola contract, because it is functioning at all levels," said Vannan.

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**Commodity groups exploring merger**

For now Manitoba canola, winter cereal and oat producer associations have opted to remain on their own

**BY ALLAN DUNSON**

Five Manitoba commodity groups have agreed to meet to explore the possibility of merging into a single entity.

The Manitoba Cereals Growers Association (MCGA), Manitoba Pulse & Soybean Growers (MPSG), Manitoba Flax Growers Association (MFGA), Manitoba Canola Growers Association (MCGA), and the Manitoba Wheat and Barley Growers Association (MWBGA) agreed to meet on Oct. 26, 2017, to discuss the possibility of merging into a single entity.

"The MCGA is a strong financial approach to going forward in marketing production and transportation for Manitoba farmers," Dan G. Thompson, who was recently hired to general manager of both the MCGA and MPSG, said in an interview.

**New transportation legislation still set for spring introduction**

While grain farmers and shippers look forward to legislation they want provisions under C-36 set to expire Aug. 1 extended until the amendments take force

**BY ALLAN DUNSON**

Manitoba's Transportation Act amendments will be introduced this spring before the House of Commons. The amendments are expected to be introduced by the government in the next few weeks.

The amendments come after a query to Transport Minister Mark Carney.

"Manitoba is committed to maintaining significant and growing trade flows," Carney said in a statement.

Carney promised the legislation will be introduced to the House of Commons in the next few weeks.



# Manitoba bean producers faring well following harvest

Weaker Canadian dollar is offsetting the effects of a weakening in the bean market

BY ASHLEY ROBINSON  
CNS Canada

After a decent dry bean harvest in Manitoba the market is quieting down as the crop begins to ship to the American and Mexican markets.

“We’ve had active movement here right at harvest time... during the next four weeks we’ll see it quiet down over the Christmas period,” said Grant Fehr, market segment manager for the edible bean division with Scoular Special Crops.

The bean harvest was good this year due to lack of moisture across most of the province. Dennis Lange, industry development specialist for pulses with Manitoba Agriculture, said. When harvest started seed moisture was in the 10 to 12 per cent range, but the quality was still good. Growers were able to harvest beans without damaging the seed coats.

“Everything came off in good time and no real quality issues to speak of. So that’s good for driving producers and good for the industry,” Lange said.

There was 122,000 acres of dry beans planted, according to Lange, which is average with acreage usually falling between 110,000 to 140,000 acres.

“The yields that I’m hearing from various producers around have been very good. So I could probably say average to probably slightly above average on most bean types,” he said.

This year’s crop was better than 2016, where rain affected the quality.

reported there has been record dry bean production this year in the U.S. A significant increase in harvested area bumped dry bean production to 35.3 million hundredweight.

“It takes a while for that to get filtered through. And to say that the market has been established at a floor level, that all depends on demand,” Fehr said.

Canadian producers are better off than their American counterparts however, due to the low dollar.

“Well the weaker dollar is maintaining values somewhat in a weakening market. So in the Canadian side we’re not seeing quite the deflation that they’re seeing in the U.S.,” Fehr said.



PHOTO: THINKSTOCK

**“The thing is what’s propping our values up right now is our weakening dollar. If we had a dollar of three months ago it would look much worse.”**

**DENNIS LANGE**  
*Manitoba Agriculture*

“This year most of Manitoba went through relatively dry conditions and basically living off last year’s moisture I guess you could say, and the edible beans seemed to perform very well,” Lange said.

As the bean harvest has finished in Manitoba and the United States, prices have dropped. According to Fehr a month ago pinto beans were at 33 cents per pound, but have fallen to 27 cents per pound.

“The thing is what’s propping our values up right now is our weakening dollar. If we had a dollar of three months ago it would look much worse,” he said.

The Canadian dollar has dropped lately sitting around the 77.5 U.S. cents mark.

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# High-tech tracker to battle ancient wheat plague

Wheat rust early detection is critical and a surprising source is providing new hope

BY THIN LEI WIN  
Thompson Reuters Foundation

The tracking technology used to halt the deadly Ebola and Zika viruses could now be turned against wheat rust as scientists try new ways to stop the fungus devastating world grain crops.

Wheat rusts are nothing new — ancient Romans honoured the rust god Robigus, hoping to protect their fields — but they are adapting to outwit man and pose an ever growing global risk.

So now technology is stepping in, in the form of a pocket-sized tracking device invented by a British company with the hope that early detection can limit the damage of any outbreak.

Early detection is “the most critical part” of tackling any type of wheat rusts, said Fazil Dusunceli, plant pathologist at the United Nations Food and Agriculture Organization (FAO).

Caused by fungal pathogens, the rusts can devastate the world’s most widely grown crop, the source of food and livelihoods for more than one billion people in developing countries, according to the United Nations.

Key to halting the devastation is stopping its spread.

“People can walk through an infected field, unknowingly pick up a few spores on their clothes, then get on a plane and accidentally take the disease to other countries or continents,” said Dave Hodson, senior scientist with the International Maize and Wheat Improvement Center in Ethiopia.

“With globalization, we are increasingly seeing this happening. In addition, wheat rusts are



Farmers in Africa and other locations have been battling resurgent wheat rust infections, which are now spreading.  
PHOTO: REUTERS/MOHAMED ABD EL GHANY

continually evolving so we’re seeing new strains appearing all the time,” he told the Thomson Reuters Foundation.

According to FAO, the risks posed by wheat rusts are growing, with modern versions of the fungus becoming ever-more virulent, evolving to adapt to the earth’s higher temperatures.

**Alarm**

There are only two ways to control wheat rust diseases — planting varieties that are resistant to rusts or using chemicals to kill the fungi.

But as rusts mutate and produce new strains, resistant varieties may only be effective for a couple of years. In addition, the fungi are airborne, meaning the

spores can spread rapidly over large distances.

In February, the FAO sounded an alarm, saying wheat rusts old and new are appearing in new countries, including Italy, Morocco and Scandinavian countries.

Yellow rust is considered the most economically damaging, leading to annual losses of nearly 5.5 million tonnes of wheat, according to research published in 2015.

This translates into a loss of about US\$1 billion a year, said Hodson, who is leading a technology project to tackle the rust.

The new method proposed by Hodson could cut yellow rust disease diagnosis from months to days.

Currently, only specialized labs can do the diagnosis and the process could take months.

“By the time we’ve got the answer to that question (of whether we have a potentially damaging new race), the damage could already have been done,” Hodson said. “That’s what we want to change.”

**Mobile lab**

He is banking on MinION, a pocket-sized device that used sequencing technology to help track Ebola and Zika outbreaks in Guinea and Brazil by providing real-time diagnosis.

Developed by a British-based firm, Oxford Nanopore Technologies, the device connects to a laptop via a USB cable,

**“People can walk through an infected field, unknowingly pick up a few spores on their clothes, then get on a plane and accidentally take the disease to other countries or continents.”**

DAVE HODSON  
International Maize and Wheat Improvement Center

creating a mobile lab that can generate DNA sequences directly from samples collected in the field.

These are then compared to a range of known DNA sequences to diagnose their particular strain of rust, with results visible in just a few days.

“If successful, the initial platform could be immediately deployed for yellow rust surveillance all around the world,” Diane Saunders, a plant pathologist at the British-based John Innes Centre who built the database of known DNA sequences, told the Thomson Reuters Foundation.

Hodson is planning to test the device next summer in Ethiopia, where more than 500,000 hectares of wheat were affected by yellow rust in 2010.

Deploying the device widely would not be cheap — the MinION, which weighs 100 grams, costs \$1,000. However, top-end sequencing equipment costs and weighs much more, Hodson added.

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## LEST WE FORGET



This painted mural is located near Valour Road in Winnipeg.



Dugald, Manitoba. PHOTOS: JEANNETTE GREAVES



# Local control key to better resource management

Brady Deaton, the University of Manitoba’s 9th annual Kraft Lecturer, says the Indian Act prevents First Nations from taking action to improve their citizens’ well-being

BY ALLAN DAWSON  
Co-operator staff

Justin Trudeau has promised to end boil-water advisories on First Nations, but some could fix the problem themselves by working with neighbours if First Nations controlled their land, says University of Guelph agricultural economist and McCain Family Chair in Food Security, Brady Deaton.

“With respect to land, I am arguing the Indian Act basically removes appropriate jurisdiction (over land use decisions) from First Nations to the federal government,” Deaton, the 2017 University of Manitoba Kraft Lecturer, said during a presentation Oct. 25. “It does not allow First Nations to basically get into the promise of exchange... and therefore constrains economic development.

Earlier in the lecture, Deaton said if communities have the autonomy to voluntarily engage in trade or other economic activities, both parties can benefit. He pointed to his children after collecting candy Halloween night.

“They would come into the house with a fixed set of resources and sit down with each other and... they would trade (candy),” he said. “Their happiness, if you will, was made greater with a fixed set of resources by the exchange.”

They started with two key assumptions. One was that the candy they collected was their property. That’s important because they could’ve opted to dump their candy in one pile and share it. Secondly, they each had control over the decision to trade or not to trade.

### No control

The Indian Act, first proclaimed in 1876, requires that First Nations get the federal government’s approval before doing almost anything on their reserves, including negotiating water-sharing agreements.

Only about seven per cent of Manitoba First Nations currently get water from nearby jurisdictions, Deaton said.



Brady Deaton, a University of Guelph agricultural economist and McCain Family Chair in Food Security, was the University of Manitoba’s 2017 Kraft Lecturer. His lecture underscored the importance of communities, such as First Nations, progressing when they have authority to manage themselves instead of being constrained by rules such as the Indian Act. This was the 9th annual Kraft Lecture created in memoriam of renowned University of Manitoba agricultural economist Daryl Kraft. PHOTO: ALLAN DAWSON

Deaton suspected at the onset of his research that the rate of boil-water orders on First Nations with water-sharing agreements would be lower. His research confirmed it, finding an 11 percentage point decline.

Deaton estimates 13 per cent of Canadian First Nations could get water from nearby municipalities, if they had the legal authority to do so.

The strategy would be less effective for isolated First Nations and those with a low population density, Deaton said.

There are about 600 First Nations in Canada and most are “homogenized” under the Indian Act, he said.

“It’s a nightmare because any changes in the rules that govern the land are not decided at the First Nations level,” Deaton said. “It has to have the approval of the federal government.

“Institutional rigidity with respect to the land issues I am arguing has constrained broadly economic development and the transaction costs with respect to land.”

### Glacial pace

Changes are coming, but slowly. In 1996 the Framework Agreement on First Nation Land Management was developed

to give First Nations the option to manage their own land and resources, but not sell their land.

“First Nations (that participate in the framework) will now be in a position to maintain effective intergovernmental relationships with municipal, provincial and federal jurisdictions, and be recognized as such by the courts,” Deaton said.

There’s a lengthy, transparent process First Nations must go through before signing the framework, he added.

Around 72 First Nations operate under the framework now. Another 53 are in the development stage.

“It is my claim, as well as other scholars, when institutions harmonize relationships between people with respect to things so it expands trade over increasing distances, with increasingly unfamiliar agents, that it’s an important component that not only leads to growth but improvement in human well-being,” Deaton said. “But when those institutions fail to do that, when they have a pernicious effect, when instead of co-operation and harmonization, there is dispute and conflict, then the effect is diminishing and localized exchanges that occur do not enhance health and welfare.”

### African roots

Deaton’s interest in the role of institutions and regulations began in 1992 when working for the American Peace Corps., in Lesotho, South Africa. His project was to help set up rotation livestock grazing. It was believed improved livestock production and better local soil conditions would make the local people better off. But the grazing area fell under the authority of four different chiefs.

“These chiefs didn’t get along... and this project was a complete failure,” Deaton said.

He learned from that failure when working on his next assignment in a poor, rural area in eastern Kentucky’s Appalachia Mountains. Even though it was rural there were urban-like concentrations of homes, but without sewer and water infrastructure.

“When you flushed the toilet everything went straight into the stream... and this was leading to high fecal coliform counts in the river leading to drinking water quality problems,” Deaton said.

Nearby cities could extend their water and sewer services, but for a number of reasons, hadn’t.

“So we created, if you will, a new institution — a county-wide water and sewer district, to lead the existing municipalities to expand their water systems to regions like this,” he said. “Today there are close to 1,000 houses on water in this region because of the institutional innovation of the country water and sewer district.

“There were these gains from mutual co-operation from the exchange of services.”

The role of institutions and regulations in economics isn’t new. The late University of Manitoba agricultural economist the lecture series honours wrote about them.

“Clearly the institutional rigidities associated with regulations, standards and non-transferable status rights should continually be drawn to policy-makers...” Kraft wrote in 1991, Deaton noted.

“The most enduring intellectual capital that agricultural economists can provide to resolve sustainable agricultural issues will be through improved institutional arrangements. Now let us show our creativity by proposing new, imaginative institutional arrangements...”

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## Ag economics, farmers and First Nations

BY ALLAN DAWSON  
Co-operator staff

How did universities come to have Departments of Agricultural economics? And should this model be mirrored for Canada’s Indigenous population for similar reasons?

The first point is a question Brady Deaton, a University of Guelph agricultural economist, McCain Family Chair in Food Security and this year’s University of Manitoba Kraft Lecturer, put to T.K. (Sandy) Warley, a former head of the University of Guelph’s agricultural economics department.

Warley said they came about because rural people, including

farmers, weren’t doing as well as others in society.

“I think about that a lot because the farm population today, with the families of the farm population is about 600,000, and those people are doing, thanks to the research that we continue doing, pretty good,” Deaton said. “They (farmers) would be comparable (now) to other people in terms of their income. We have twice as many... Indigenous people who seem to fit the mandate Sandy Warley suggested — a group of rural people, rural businesses and rural communities... that aren’t doing as well as other people.”

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## NOT JUST EARLY, IT'S STRONG

EARLY MATURING CORN HYBRID  
WITH FAST DRY DOWN AND  
STRONG ROOTS AND STALKS





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# COUNTRY CROSSROADS

CONNECTING RURAL FAMILIES

## Online community supports Manitoba’s burgeoning maker movement

Etsy Sellers of Manitoba is an Etsy team created to support and grow the burgeoning crafter movement in the province

BY LORRAINE STEVENSON  
Co-operator staff/Dauphin

Pre-Christmas sales are popping up all across rural Manitoba as hundreds of creative Manitobans emerge from their kitchens and studios and basement sewing rooms with armloads of homemade art and craft.

Handcrafters, artists and designers of all types of artisanal goods depend on these events for the exposure it provides and the revenues it can generate to support their small businesses.

The show now goes on long after the frenzied holiday shopping season ends too, thanks to online marketing.

Founder of Etsy Sellers of Manitoba, Amanda Reimer wanted to see more businesses like her own grow when she created an online Etsy team focused on Manitoba handcrafters she describes as “just like the little church bazaar but on a bigger scale.”

Reimer started her vintage silver jewelry-making business Silver Moose Arts in a home-based studio in rural Manitoba in 2013, and immediately put her wares for sale on Etsy. She was soon selling to customers all across Canada and the U.S. and beyond.

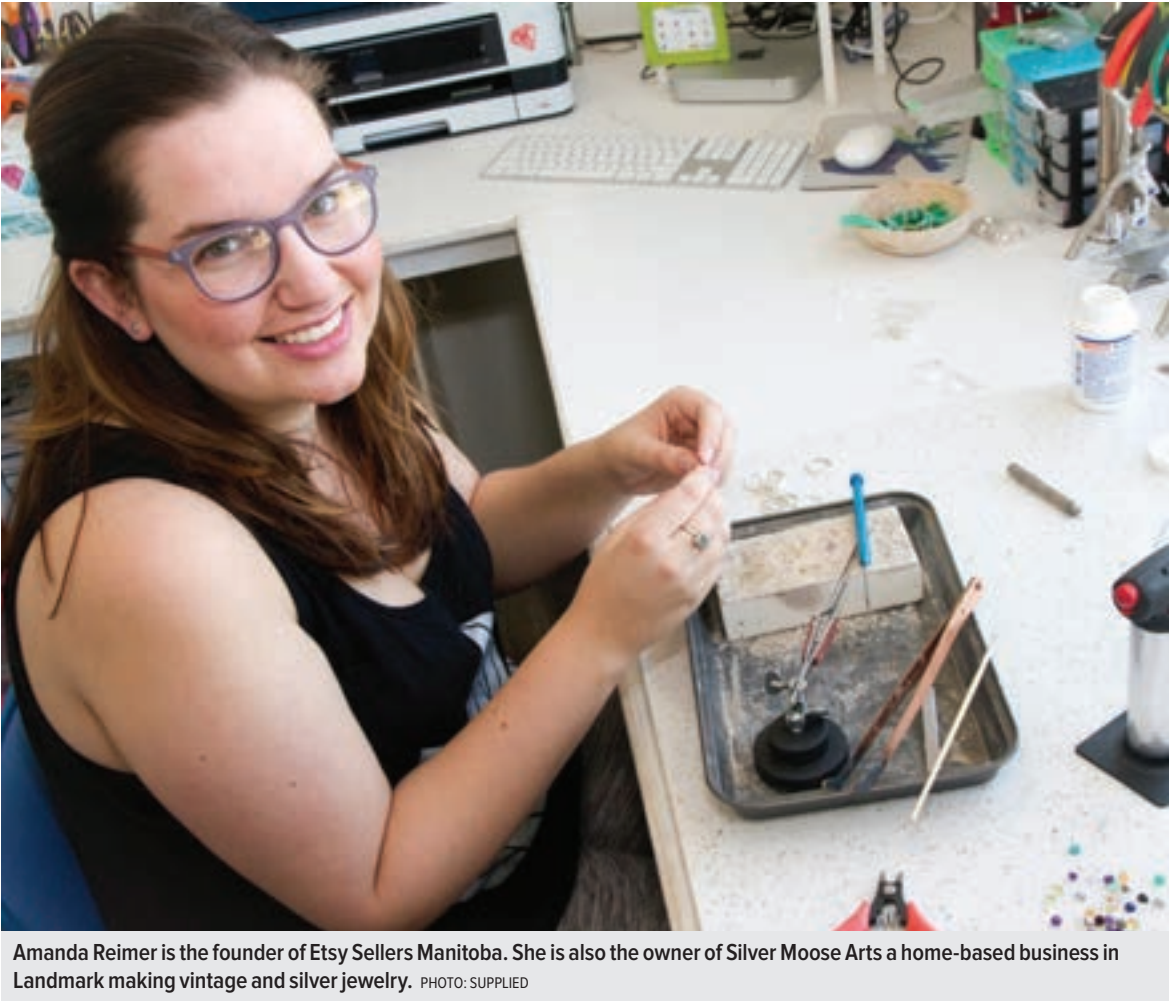
“I’ve shipped my stuff all over to the world, to Japan, to Egypt. The only place I haven’t shipped yet is Africa,” she said in an interview from her home in Landmark.

Knowing many more makers like herself, she was soon looking for ways to help others sell online and expand their market reach too.

### Online options

She started Etsy Sellers Manitoba in 2014 as a way to support others in similar kinds of home-based businesses.

Their group began with the Manitoba Etsy Seller Support Facebook Page — [www.facebook.com/etsymanitoba](http://www.facebook.com/etsymanitoba) — now the the creator and



Amanda Reimer is the founder of Etsy Sellers Manitoba. She is also the owner of Silver Moose Arts a home-based business in Landmark making vintage and silver jewelry. PHOTO: SUPPLIED

host for an Etsy Boutique Pop-Up at Scattered Seeds.

“I created it as a Facebook group to try and bring awareness to people that if you shop on Etsy there’s a whole community right here in Manitoba that they can shop from,” she said. Not long afterward the Facebook group became an official Etsy Team — Etsy Sellers Manitoba.

Those familiar with Etsy know it’s a popular online site to post and sell either handmade products or vintage items 20 years or older. Sellers use it as an easy way to reach a vast market of potential customers while buyers love it for the one-of-a-kind handmade and vintage items they find there.

“Obviously, we’re not discouraging people to shop globally,” said Reimer. “We’re just encouraging them to support local as well and also it’s a support for the local Etsy sellers.”

As an Etsy Team they’re aiming to be inclusive, support

each other, and collaborate rather than compete, she said.

“And we’re rural friendly,” she said. “We’ve been out to Brandon and Morden and Steinbach and we’re trying to get out and reach more places.”

**Simple setup**

Joining in is as easy as logging on to their site and following the prompts. There are some requirements for selling on Etsy — including paying small selling, listing, transaction and payment processing fees — but there’s no other requirements other than being respectful of other sellers. That means no copying of other’s ideas and work and courteous interactions are required between vendors, said Reimer.

They host sales and markets and workshops which help new sellers go over how to make the most of an Etsy shop and the role social media plays in it. Those shy if they aren’t familiar enough with social media to participate needn’t be, said Reimer.

“Gosh, no. You’ll learn the basics. And I can do a social media workshop. I’m not an Instagram genius but I could do a social media workshop if that was needed.”

They also have a mentor program to pair a new seller with someone already selling to get some extra help and encouragement.

**Community**

Ultimately, this is all about encouraging community and collaboration between participating sellers, said Reimer. It’s especially important for those running home-based businesses who need to connect to others.

Etsy Sellers of Manitoba was created to help everyone succeed as an Etsy seller while bringing greater profile to local handcrafters, she said.

“We can uplift each other and choose to encourage each other and share ideas rather than just feeling like we’re all behind closed doors



**“We’re rural friendly. We’ve been out to Brandon and Morden and Steinbach and we’re trying to get out and reach more places.”**

and hiding from each other,” she said.

“We’re all in this to grow our own craft and our own businesses,” she said. “We should be in it for community reasons. I personally feel that that’s what the maker community is.”

There are presently about 120 sellers on the Etsy Sellers Manitoba team now but hundreds more Manitobans sell on Etsy, she noted.

Reimer was a speaker during the Take the Leap Rural Entrepreneurship conference in Dauphin last month where she talked about the networking and partnerships valued by the maker movement. The term is widely used to describe the burgeoning numbers of independent handcrafters, artisans, inventors, and designers who regular use technology and commerce to market their products.

More information about Etsy Sellers Manitoba can be found at: [etsysellersofmanitoba.com/](http://etsysellersofmanitoba.com/).

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Prairie fare



Squash is a winter treat

There’s a near endless variety of winter squash — and recipes to use them in

BY GETTY STEWART  
Co-operator contributor



Winter squash come in various shapes, sizes and textures in shades of green, yellow, orange, white and even blue. Their tough outer rind sets them apart from their summer cousins (zucchini, patty pan and crookneck squash) which are harvested while immature and their skins are soft and tender. Because of their extended growing time, winter squash have a tough rind with a dense, sweet interior. There are endless varieties of winter squash but those commonly found in grocery stores include:

- Butternut — This elongated, bell-shaped squash is one of the most popular. It has a small seed cavity leaving plenty of sweet orange flesh that’s equally good roasted, cubed or puréed. It also works well in soups, curries and pies.

- Kabocha — A round disc-like squash that’s most commonly dark green with light striations (there are some orange varieties). Kabocha has a sweet flavour with a dry, smooth texture. It can be roasted, puréed or used in soups, curries or desserts.
- Buttercup — A dark-green flecked squash with square edges and a distinct circular ridge or cup on the blossom end. The deep-yellow flesh is less sweet than other squash and quite dense and dry. It’s a great alternative to mashed potatoes.
- Acorn — A dark-green squash with deep ridges shaped like an acorn. While tricky to cut, this small squash is often roasted and served in halves either with a buttery sweet drizzle or stuffed with rice or other fillings. Its deep-yellow flesh is less sweet than other squash.
- Spaghetti — This cylindrical yellow, pale-yellow or striped green squash is very unique featuring long stringy strands that look like spaghetti noodles. While it does not taste like spaghetti, it is a great vehicle for sauces and toppings traditionally served with spaghetti.

- Pumpkin — The most famous of all squash, pumpkins come in all sizes. While large carving pumpkins are edible, they are less sweet and more watery than small pie pumpkins or sugar pumpkins.
- Despite their differences, most squash can be easily substituted for one another. That’s right, you can make butternut or kabocha pie instead of pumpkin pie. Only spaghetti squash, with its unique string-like texture is hard to replace. Now is the perfect time to buy fresh, local winter squash. It’s very affordable and can last for over four months if stored in a cool, dry place with good air circulation. But be careful, squash doesn’t do well in temperatures colder than 10 C (50 F) so don’t keep it in an unheated garage or refrigerator. Try as many different varieties as you can — they’re good for you! Squash is an excellent way to get dark-yellow and orange vegetables on your plate. They’re an excellent source of beta carotene, vitamin C, folate, potassium and fibre. Here are a few tasty recipes to get you started.

Spaghetti squash mac and cheese

A creamy, cheesy and delicious way to serve spaghetti squash. Great for lunch or a side dish. Bake in a casserole dish or directly in the squash shell. Serves 4.

- Ingredients:**
- 1 spaghetti squash
  - 2 tbsp. butter or canola oil
  - 1/2 onion, finely chopped
  - 1-2 cloves garlic, minced
  - 2 tbsp. all-purpose flour
  - 1 c. milk
  - 1 c. shredded sharp cheddar cheese
  - 1/2 tsp. black pepper
  - 1/2 tsp. salt
  - 1/8 tsp. nutmeg (optional)
  - 1/4 c. Panko crumbs
  - 2 tbsp. parsley, chopped
  - 3 tbsp. shredded Parmesan cheese

- Instructions:**
1. Preheat oven to 375 F (190 C).
  2. Wash and cut squash in half lengthwise. Scoop out seeds.
  3. Place cut-side down on a greased baking dish.
  4. Bake for 45-60 minutes until fork tender.
  5. Once cool to the touch, use a fork to scrape the strings out of the squash halves. Set squash strands and empty shells aside.



Spaghetti squash mac and cheese.  
PHOTOS: GETTY STEWART

- Sauce:**
1. In a large pot, melt butter over medium heat.
  2. Add onion and cook for 2 minutes until softened but not brown.
  3. Add garlic and cook for 1 minute.
  4. Stir in flour and mix well. Cook for 1 minute.
  5. Gradually whisk in milk until sauce thickens.
  6. Remove from heat and stir in cheese until melted and mixed in.
  7. Add pepper, salt and nutmeg. Taste and adjust as desired.
  8. Mix sauce with spaghetti squash strands.
  9. Divide mix into spaghetti squash shells or place in greased baking dish.

10. In separate small bowl, mix Panko crumbs, parsley and Parmesan cheese.
11. Sprinkle on top.
12. Bake in preheated oven at 375 F (190 C) for 20-30 minutes or until heated through and top is browning. If top is browning too quickly, cover with aluminum foil.

Source: [www.GettyStewart.com](http://www.GettyStewart.com)

Butternut squash and carrot soup

A smooth and creamy soup the whole family will love. For more adventurous eaters add a little curry paste, pepitas and cilantro. Serves four.

- Ingredients:**
- 1 tbsp. canola oil
  - 1 onion, chopped
  - 1 butternut squash, peeled, halved, seeded and coarsely chopped
  - 3 carrots, coarsely chopped
  - 1 tsp. sugar
  - 1 tsp. paprika
  - 1 tsp. cumin
  - 1 tsp. turmeric
  - 1 tsp. coriander powder
  - 6 c. vegetable or chicken stock
  - 1 tbsp. lime juice
  - Salt and pepper to taste



Butternut squash and carrot soup.

- 1/2 c. cream, milk or coconut milk
- 2 tbsp. cilantro or parsley
- 4 tbsp. toasted pepitas

- Instructions:**
- In large saucepan, heat oil and sauté onion until soft. Do not brown. Add squash, carrots and sugar and sauté for 10 minutes. Add paprika, cumin, turmeric and coriander and sauté for 5 minutes. Add broth and bring to boil. Reduce heat and simmer for 30-40 minutes until veggies are soft. Purée soup using an immersion blender or food processor. Add salt and pepper, lime juice to taste. Slowly add cream or milk to soup. Garnish with chopped cilantro or parsley and toasted pepitas.

Source: [www.GettyStewart.com](http://www.GettyStewart.com)

Getty Stewart is a professional home economist, speaker and writer sharing tips and recipes for making and enjoying local, seasonal homemade food. For more recipes and squash recipes visit [www.gettystewart.com](http://www.gettystewart.com).



COUNTRY CROSSROADS

RCMP simulate near collision with officer on roadside

Slowing down can mean the difference between life or death

RCMP RELEASE

There is no such thing as a “routine” traffic stop. An officer has to exit the police vehicle, approach a driver with little information about that person and has to do so while vehicles whip past at highway speeds. So much can go wrong.

When a person is struck by a vehicle travelling 80 kilometres an hour, there is almost no chance of survival. At 45 kilometres an hour, a person has a 50 per cent chance of survival. At 30 kilometres an hour, there is a 90 per cent chance a person will survive. Slowing down can mean the difference between life or death.

Last month, the RCMP simulated the safe way to pass an emergency vehicle on the side of the road. Then, to experience what officers and other emergency personnel encounter roadside, the RCMP set up a scenario that allowed those in attendance to see what the officer sees, to be in the officer's position when a car comes close to them while they are outside of their vehicle.

“We do all we can to keep officers safe when they are conducting traffic stops,” said Inspector Ed Moreland, officer in charge of Traffic Services for the Manitoba RCMP. “Our officers are trained to park partially overlapped with the stopped vehicle in order to create a safety pocket. This is done so that the police car will be hit before an officer is. However, with the high speeds motorists are travelling, officers do get hit, and the results can be tragic.”

If the speed limit is 80 kilometres an hour or higher, motorists must slow to 60 km/h. If the speed limit is 79 km/h or lower, they must slow to 40 km/h. On a two-way highway, motorists must wait and only pass the emergency vehicle when it is safe to do so. If it is a highway with two or more lanes in the same direction, motorists must move to the far lane.

The Slow Down, Move Over law came into effect under the Highway Traffic Act 109.1(2) in 2011. It is a \$299 fine and two driver safety rating points for the infraction. In 2017, RCMP have charged more than 400 people under this legislation.

Living off the honeybees

BY CANDY IRWIN  
Freelance contributor

For 35 years, self-described “freelance farmers,” Roger and Cathy Desilets have relied solely on honeybees to raise their family of four on Raven Creek Farm situated just north of Menzie, near Oakburn, Manitoba.

Desilets estimates that he has about 60,000 healthy, strong and industrious insects per hive, managed in approximately 70 colonies.

The Canadian Honey Council says that a single bee colony can produce more than 100 lbs. or 45 kg of honey per season.

“This year has been particularly good and rather lucky for us,” said Roger.

“Most beekeepers in southern Manitoba have their bees on canola crops and are usually done by early August. Our bees are largely on alfalfa and because of the warm, dry summer, many farmers were able to take off two crops. They cut the alfalfa once and then three weeks later, it bloomed again. So we were able to get a second honey harvest, too, which didn't end until well into September,” he said.

“Earlier in the season, our bees also feed on plants such as goldenrod, thistles and burdock, producing a more amber-



Cathy and Roger Desilets. PHOTO: COURTESY DESILETS

coloured honey. But, after the first two weeks of September, we harvested a super-light-coloured product, 50 lbs. per hive, of pure alfalfa honey,” said Roger.

Low moisture in honey is desirable, because high moisture will cause the golden liquid to ferment and spoil, similar to grain crops.

“We hope for about a 16 per cent moisture level, to make the honey last forever. Just one per cent of moisture makes a difference on how honey will keep and flow,” he said.

“We added empty honey supers with 10 frames each and the bees filled each one with 50 lbs. of honey in early September. The result is honey that has a low moisture reading of 14.5 per cent — super-thick, beautiful honey,” said Roger.

“In Manitoba the provincial average is 165 lbs. per hive, but we usually do 200 lbs. or better. This year we did 300 lbs. across the board!” he said.

The Desilets’ barn serves as a honey and wax workshop, where they produce flavoured honey, hand-dipped and hand-cast beeswax candles and ornaments, and a line of skin-care products containing royal jelly or “propolis,” a substance produced by the bees known to have healing properties.

The Desilets market directly from their farm, at flea markets and craft sales, and their products can be found in specialty shops in Manitoba and Saskatchewan.

Candy Irwin writes from Lake Audy, Manitoba

Taking stock of this past growing season

Now is the time to note some garden observations for improvements for next year

BY ALBERT PARSONS  
Freelance contributor

The outdoor gardening season is over and it's time to take stock and make some notes for next year while the 2017 growing season is fresh in your mind. It is helpful to have a pen and garden journal or notebook in hand and also — if the snow isn't already on the ground, a few stakes to mark certain plants so that you know where they are next spring. Here are some things to note:

Moving plants

Make a note of those plants which did not flourish because they were located in a spot they didn't like, such as too much shade, or where it was too hot and dry. Perhaps a certain plant was too crowded and needs to be moved somewhere so that it has space to perform properly. Either mark the spot in the garden or in a diagram in your journal — or both. You might also have some plants that you want to remove and not replant; perhaps they were a disappointment or you simply want to replace them with something that you like better. Mark/diagram these plants as well and be sure to dig them early enough in the spring so that you can donate them to a good cause and not just consign them to the compost heap.

Plants that need dividing

If you have perennials, there are probably some that need to be divided. Whether it is hostas or Asiatic lilies, there comes a time when a plant's performance declines because it is too crowded or too large a clump. Write in



Hostas gradually increase in size and eventually, like these specimens, need to be divided. PHOTOS: ALBERT PARSONS

your journal the exact descriptions (or variety names if you have them) of the plants so that when you divide them next spring you can properly identify them, including colour, if they are to be donated or sold at a charity plant sale. Also, make note of where in the garden you might like an additional one of these plants, which might involve the moving or removal of other plants, so make a note of that as well.

Adding plants

It's too late to plant anything now, but you could plan for next year if you have in mind a plant or two that you'd like to add to the garden next spring. Determine where you want to put them and then make notes about removing/moving existing plants to make room for the new ones. Also,



My Russian sage is not happy. It only grew about 20 cm tall and I have had it in this location for three years. Time to move it to a sunnier spot.

you might like to check the possible sources of these desired plants, or find out where you can get seed for them.

Evaluating varieties

Now is a good time to evaluate the varieties of vegetables and annual flowers you used this year. Were you happy with the performance of them? (It's a good idea to keep plant tags to determine what they were.) We all try new varieties of vegetables and flowers and sometimes they simply don't perform the way we expected.

Assessing planting dates

This can be done if you kept track of planting dates (both of when you planted seeds you started indoors and seeds planted straight into the vegetable patch). Determine if the bedding

plants you grew were the appropriate size come planting-out time or if you need to adjust the date that you plant the seed next year. Likewise, did it look like you direct seeded the vegetables at the right time? I will adjust the date I plant my coleus plants outside as I did it too early this year and they suffered from being chilled. I will also seed half the green beans about two weeks apart to extend the season, so as not to be inundated with beans all at once.

Disease and pest control

If you experienced disease problems, make a note of possible crop rotation ideas for next year to minimize the risk of a repeat performance. Also, consider disease-resistant varieties. I grew a late-blight-resistant tomato this year because of the disaster I had last year. Likewise, make a note of insect problems so that you can be on the lookout for them next year. Perhaps some preventive action can be taken — such as a very late fall tilling of the vegetable garden to decrease the possibility of a cutworm infestation next year.

The big picture

Finally, as you take stock of this year's growing season, is there a large project you would like to undertake in your garden? Do you want to change a pathway, widen a border, or add a pond? This is a good time to do some initial thinking and note making so that during the winter you can do some planning and then you will be ready come spring to tackle the job before the busy planting season arrives. Just be sure not to misplace your garden journal with all this important information in it!

Albert Parsons writes from Minnedosa, Manitoba



COUNTRY CROSSROADS

The poppy: a meaningful symbol of remembrance

BY DONNA GAMACHE  
Freelance contributor

This year, when you pin on a poppy for Remembrance Day, take a few minutes to consider what the poppy means to you and to many Canadians. Over the years it has become a meaningful symbol of remembrance of those who served our country, and especially of those who died in conflict. Other Commonwealth countries also use the red poppy as an emblem.

This flower emerged as a symbol of remembrance during the First World War, partly because of the now-famous poem, “In Flanders Fields,” written by Lieutenant-Colonel John McCrae, a Canadian physician who served as a medical officer during that war. It is usually said that McCrae wrote the poem on May 3, 1915, the day after his friend, Alexis Helmer, was killed in the Second Battle of Ypres, in Belgium. Like those of many of the dead soldiers, his friend’s grave was a makeshift one, in a cemetery where wild poppies were growing. McCrae apparently wrote the poem while sitting in the back of an ambulance. It is said that he wasn’t satisfied with what he had written, but that others found it after he had discarded it, and sent it to a London magazine where it was published later the same year.

The common poppy has been a symbol of death and rebirth for a long time. To



The poppy has long been a Remembrance Day symbol.  
GAMACHE PHOTO

many, today, it is worn not just to remember those who died in the wars, but also to honour those who still serve to protect us now. To others, it is a symbol of the freedom for which so many died.

The poppy was first adopted as a symbol by Canada in 1921. Originally the artificial ones were made by disabled veterans, with the profits used to supplement their income. This lasted until 1996 when Veterans Affairs Canada decided it could no longer maintain the business. Instead, the Royal Canadian Legion took it over and hired a private contractor, but any profits from the campaign are still used to support services for veterans and their families. Many millions of poppies are made and distributed each year, across Canada and overseas. They are usu-

ally given out free, although a voluntary donation is appreciated.

In the beginning, the poppies were made with a black centre. Then, for a number of years, the centre was changed to green, before being changed back to black — to reflect more closely the colours of the variety of poppies that grow in Flanders.

Some Canadians have begun using a small Canadian flag pin in the centre to fasten the poppy, attaching it more securely to clothing. The Canadian Legion actually prefers that no other pin be used to attach it, saying, “The poppy is the sacred symbol of remembrance and should not be defaced in any way.”

Over the years, the poppy symbol has been used on a variety of Canadian coins and stamps. The world’s first coloured circulation coin was a 25-cent piece issued by the Royal Canadian Mint in 2004. Since then, others with colour have also been issued, including a 25-cent circulation coin with two red poppies and a soldier on it; a Flanders Field limited issue coin set issued in 2015; and a poppy wreath on a Remembrance Day coin that came out in 2016. The Canadian stamps include a special set of five stamps with the “In Flanders Field” poem and a poppy, that was issued in 2015. Coin or stamp collectors can still buy many of these commemorative items.

Donna Gamache writes from MacGregor, Manitoba

Land Haus Antiques — more than just furniture

BY JOAN AIREY  
Freelance contributor

A quaint antique shop, “Land Hwaus Antiques,” was created by Christine Rauper near Cardale, Manitoba because of her love of historic furniture and passion for bringing it back to life. Her dream to open her antique shop with pieces she found on her travels came to being late in 2016.

“My daughter-in-law Jessica snaps photographs of each display that I set up. While she shares my love of refinishing furniture, her primary role is marketing and graphic design. She studied web design at Assiniboine Community College and puts her skill to use managing our online presence through our website [www.lhantiques.com](http://www.lhantiques.com) and social media,” said Rauper.

The Raupers’ German heritage is what inspired the name of the business, and “Land Haus” is a German term that simply translated means “Country House.”

“We are excited to bring this ‘Land Haus’ style to a little ‘Country House’ in Manitoba. The goal is to offer a place to enjoy beautiful furniture arranged in lovely displays in hopes that you will find a treasure to add to your own collection. Besides the furniture there is also an assortment of white ironstone dishes that complete the natural, Land Haus look. The painted pieces I paint with Annie Sloan chalk paint,” said Rauper.

Besides a wonderful assortment of antiques there’s also locally made boots for toddlers, teas made with local herbs, locally made natural-ingredient



Christine Rauper shows some locally made boots for toddlers. PHOTO: JOAN AIREY

Her dream to open her antique shop with pieces she found on her travels came to being late in 2016.

soaps, and soy candles from Brandon.

“Another product we have are the ‘Lucy Wraps’ or ponchos. Lucy Design is a one-woman company operated by Lucy Reimer who lives at Alexander. She also designs custom purses and wrist scarves for watches,” said Rauper.

“I not only see Land Haus Antiques as a shop, but also as a place where you can take your time, relax, have a chat, meet others,” said Rauper.

Joan Airey writes from Rivers, Manitoba



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 in Kirkella was built in 1923 by the Matheson-Lindsay Grain Company, founded by W. J. Lindsay, a former partner of W. L. Parrish of Parrish & Heimbecker. It was sold in 1928 to the Province Elevator Company and successively to the Canadian Consolidated Grain Company (1929), United Grain Growers (1959), and Manitoba Pool (1960). Renovated in 1965 and 1975, a 60,000-bushel crib annex was built beside it in 1969. The elevator was demolished in 2002.

SOURCE: MANITOBA HISTORIC RESOURCES BRANCH



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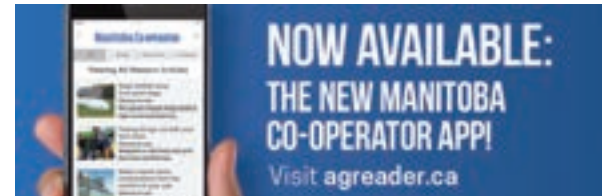
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# MORE NEWS

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## Weed killers strain U.S. states with damage complaints

New uses for dicamba have resulted in a spike in problems

BY TOM POLANSEK

Reuters

**U**.S. farmers have overwhelmed state governments with thousands of complaints about crop damage linked to new versions of weed killers, threatening future sales by manufacturers Monsanto and BASF.

Monsanto is banking on weed killers using a chemical known as dicamba — and seeds engineered to resist it — to dominate soybean production in the United States, the world's second-largest exporter.

The United States has faced a weed killer crisis this year caused by the new formulations of dicamba-based herbicides, which farmers and weed experts say have harmed crops because they evaporate and drift away from where they are applied.

Monsanto and BASF say the herbicides are safe when properly applied. They need to convince regulators after the flood of complaints to state Agriculture Departments.

The U.S. Environmental Protection Agency (EPA) last year approved use of the weed killers on dicamba-resistant crops during the summer growing season. Previously, farmers used dicamba to kill weeds before they planted seeds, and not while the crops were growing.

However, the EPA approved such use only until Nov. 9, 2018, because “extraordinary precautions” are needed to prevent dicamba products from tainting vulnerable crops, a spokesman told Reuters in a statement last week. The agency wanted to be able to step in if there were problems, he said.

Next year, the EPA will determine whether to extend its approval by reviewing damage complaints and consulting with state and industry experts. States are separately considering new restrictions on usage for 2018.

Major soybean-growing states, including Arkansas, Missouri and Illinois, each received roughly four years' worth of complaints about possible pesticide damage to crops this year due to dicamba use, state regulators said.

Now agriculture officials face long backlogs of cases to investigate, which are driving up costs for lab tests and overtime. Several states had to reassign employees to handle the load.

“We don't have the staff to be able to handle 400 investigations in a year plus do all the other required work,” said Paul Bailey, director of the Plant Industries division of the Missouri Department of Agriculture.

In Missouri, farmers filed about 310 complaints over suspected dicamba damage, on top of the roughly 80 complaints about pesti-



Soybean plants demonstrating the leaf cupping that is typical of dicamba damage. PHOTO: BOB SCOTT, UNIVERSITY OF ARKANSAS

cides the state receives in a typical year, he said.

Nationwide, states launched 2,708 investigations into dicamba-related plant injury by Oct. 15, according to data compiled by the University of Missouri.

States investigate such complaints to determine whether applicators followed the rules for using chemicals. Those found to have violated regulations can be fined.

Monsanto has said that U.S. farmers spraying this past summer failed to follow detailed instructions of up to 4,550 words printed on labels.

The companies will change usage instructions in hopes of avoiding a repeat of the past summer's problems.

“With significant adoption and a lot of interest in this new technology, we recognize that many states have received a number of reports of potential off-target application of dicamba in 2017,” Monsanto spokeswoman Charla Lord said last month.

### Photographing damage

State investigators try to visit fields within days after farmers report possible damage to take photos before signs of injury, such as cupped leaves on soybean plants hit by dicamba, disappear. They question farmers and the people who applied the herbicide, and often gather samples from plants to test.

In Arkansas, farmers filed about 985 complaints associated with dicamba, the most of any state. Investigators are probing about 1,200 total complaints involving pesticide

use, which includes weed killers, said Terry Walker, director of the Arkansas State Plant Board.

Arkansas delayed inspections of animal feed and allowed overtime to handle the dicamba cases, which is not normal practice, Walker said. He was unable to provide a cost estimate for dealing with the complaints.

Among the farmers who reported damage was Reed Storey, who said he wanted to ensure state officials knew dicamba caused damage even when users follow the instructions.

“I'm calling strictly to let y'all know that we have an issue with this product,” Storey, who spoke last month, said he told Arkansas regulators.

Illinois received about 421 total pesticide complaints, the most since at least 1989, said Warren Goetsch, acting chief of the Bureau of Environmental Programs at the Illinois Department of Agriculture. That includes at least 245 complaints associated with dicamba, which could take until next year to finish investigating, he said.

“It's frustrating I think for us that we're as behind as we are,” Goetsch said.

### Big bet

Monsanto is betting on dicamba-tolerant soybeans to replace those that withstand glyphosate, a herbicide used for decades but which is becoming less effective as weeds develop resistance. The company aims for its dicamba-resistant seeds to account for half the U.S. soybeans planted by 2019.

Monsanto, which is in the process of being acquired by Bayer for \$63.5 billion (all figures U.S. funds), said it plans to open a call centre to help customers use dicamba next year and is talking with states about the product.

Monsanto's net sales increased \$1.1 billion, or eight per cent, in fiscal year 2017 due partly to increased sales of its dicamba-resistant soybean seeds.

The company and BASF already face several lawsuits from farmers alleging damage to plants from dicamba used by neighbours.

### Analyzing samples

The EPA provides grants to states that help fund investigations into pesticide damage and this year offered 35 states extra assistance analyzing plant samples for dicamba, according to the agency.

Minnesota and Illinois turned to the EPA for help, with the latter saying the federal agency has better equipment to detect low levels of dicamba.

In Iowa, the state's laboratory bureau received 515 samples to test this year, up 35 per cent, as dicamba use helped drive up the total number of pesticide complaints to 270 from a typical range of 70 to 120, according to the state. Each test costs up to \$9.

“We are really anxious to flip the page and look ahead to 2018 and try to figure out the things that can be done to improve the situation,” said Mike Naig, deputy secretary of the Iowa Department of Agriculture and Land Stewardship.



# Chasing the dragon

China’s central banker warns of ‘Minsky moment’ as all eyes are on the Chinese economy

BY KEVIN YAO AND ELIAS GLENN  
Reuters

China’s top central banker is warning of asset bubbles in the world’s second-largest economy and key driver of global demand in everything from energy to agriculture commodities.

Speaking on the sidelines of the closely watched, twice-a-decade Communist Party Congress, People’s Bank of China Governor Zhou Xiaochuan spoke of the risks of a “Minsky moment” in the economy, referring to a sudden collapse in asset prices after long periods of growth, sparked by debt or currency pressures.

Zhou’s comments refer to a theory on prices derived by American economist Hyman Minsky and follow official data that showed China’s economic growth slowed in the third quarter from a year earlier, as expected, but remained on track to post the first full-year pickup in seven years.

Coming on the 30th anniversary of the Black Monday Wall Street crash, the comments from the governor, who is likely to retire soon, echo concerns expressed in the past by international economic bodies about relative levels of corporate and household debt in the Chinese economy.

But while hedge funds sometimes refer to Minsky in warnings about a China credit bubble threatening the global economy, China has so far proven doomsayers wrong.



China is at or near the top of most major commodity markets, including the market for agriculture commodities. Seen here is a Chinese cargo ship taking on a hold full of soybeans at the Brazilian port of Santos. PHOTO: REUTERS

“I would doubt they really think China is in for a Minsky moment, but maybe he is trying to impress (other leaders in Beijing) on the need to start reining in credit growth,” said Louis Kuijs, head of Asia economics at Oxford Economics in Hong Kong.

“It’s not really up to (the central bank)... We would have to look at what the leadership says about these things.”

Recent efforts to curb financial risks and cool the property market are beginning to weigh. While the economy grew a solid 6.8 per cent from the previous year in the third quarter as expected, growth in new construction slowed and property sales dropped for the first time in more than 2-1/2 years in September.

In all, growth was still on track to comfortably beat the

government’s target of around 6.5 per cent for this year and 2016’s rate of 6.7 per cent, which was a 26-year low.

**‘Urgent’ reform needed**

Analysts and global economic bodies such as the International Monetary Fund warn Beijing is stimulating credit too heavily in its aim to meet fixed growth targets. Rating agencies estimate the overall debt burden at almost three times economic output.

Data on Oct. 14 showed Chinese banks extended more loans than expected in September, backed by demand from home buyers and companies.

While household loans accounted for a smaller percentage of total new loans, their value jumped more

**“China’s high debt burden is an area where reform is most urgently needed but progress has been the slowest.”**

CHI LO  
senior economist, BNP Paribas Asset Management

than 10 per cent to 734.9 billion yuan last month from August, according to Reuters calculations.

“China’s high debt burden is an area where reform is most urgently needed but progress has been the slowest,” said Chi Lo, senior economist at BNP Paribas Asset Management.

There are, however, signs that policy-makers are making needed changes in other parts of the economy.

Beijing’s push to consolidate and restructure its industrial sector has paid dividends as factory output beat expectations, while strong fiscal spending and sustained public investment helped boost domestic demand.

The economy slowed slightly from 6.9 per cent in the second quarter, however, and analysts say it could ease further due to an expected softening in property investment and construction as more cities try to cool housing prices, while a government campaign against riskier lending pushes up borrowing costs.

“Unequivocally, the property boom has peaked,” said Rosealea Yao, a property analyst at Gavekal Dragonomics.

China’s economy has surprised global financial markets and investors with robust growth so far this year, driven by a renaissance in long-ailing “smokestack” industries such as steel and strong demand from Europe and the United States.

At the same time, there are concerns about the state’s growing role in the economy:

the acceleration in year-on-year state investment growth outstripped private investment growth in September.

In the opening speech of congress this week, President Xi Jinping said China will deepen economic and financial reforms and further open its markets to foreign investors as it looks to move from high-speed to high-quality growth.

However, while expressing support for market reform and private firms, Xi also called for stronger, bigger state firms.

**Room for more**

While policy-makers’ efforts to curb property market speculation and cut debt are hurting growth in some parts of the economy, activity has been supported by better-than-expected expansion in trade and bank lending.

Beijing has set a modest growth target of around 6.5 per cent for 2017, theoretically allowing policy-makers more room for structural reforms.

China’s factory output grew 6.6 per cent year on year in September, beating expectations, while fixed-asset investment expanded 7.5 per cent in January-September, missing forecasts.

Retail sales rose 10.3 per cent in September from a year earlier, beating expectations. Disposable income grew 7.5 per cent in the first nine months of the year, the fastest rate in two years.

Data last week showed China’s import and export growth accelerated in September, suggesting healthy momentum in trade. China’s banks also extended more loans than expected last month, buoyed by demand from home buyers and companies.

“Given that the growth outcome is above the government’s target, there is room for some more reforms and it might come after the politburo meeting,” said Besa Deda, chief economist at St. George Bank in Sydney.

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# Pulse industry faces uncertain future with India

The country is aiming for self-sufficiency in two years, but that’s a tall order

**BY ASHLEY ROBINSON**  
CNS Canada

Canadian pulse producers could be looking at the loss of a key market. India has long been a buyer of Canadian pulse crops, but reports from the country indicate a precarious future, causing worries to mount. Last week India’s Agriculture Minister Radha Mohan Singh, announced his country wouldn’t need to import any pulses within two years’ time as it would be able to grow enough for domestic demand. Gordon Bacon, CEO of Pulse Canada, isn’t surprised to hear Singh’s statement. India has had a policy objective for years to reach

self-sustainability. However, Bacon said, it would take a lot of work to reach that goal. “India’s population growth, growing economy and pulse production that is highly dependent on the monsoon rain are all kinds of considerations for India being able to achieve that goal,” he said. As well, India is coming off a record harvest year where it produced 23 million tonnes of pulses. The Indian government also imported 6.6 million tonnes of pulses and stockpiled two million tonnes of pulses last year. The government has announced it will sell 700,000 tonnes of that stockpile, which reduces the need for further imports. The record harvest doesn’t worry Bacon as India has a

**“India’s population growth, growing economy and pulse production that is highly dependent on the monsoon rain are all kinds of considerations for India being able to achieve that goal.”**

**GORDON BACON**  
Pulse Canada

variety of pulses it grows, including tropical pulses such as pigeon pea and mung beans, which Canada doesn’t grow. “What Canada can do is offer peas and lentils primarily to augment domestic production in India,” he said. As well, at the start of October Canada’s fumigation exemption expired, which

allowed pulses shipped to the country from Canada not to be fumigated before arrival. This has placed Canadian pulse exports to India in a precarious position in terms of market access, which worries Bacon. The Canadian pulse industry has said Canada doesn’t harbour any of the pests India is trying to keep out with fumigation.

Bacon said an upcoming governmental visit to India could be the forum for discussions on the issue. “I think (we) need to have predictable trade policy that allows product from any origin to come into India when it’s going to be short (of a crop). And (then) understand that when India has a big crop that not as much will need to be imported,” he said. The Canadian government is going on a trade mission to India from Nov. 13 to 17. François-Philippe Champagne, minister of international trade, Navdeep Bains, minister of innovation, science and economic development, and Marc Garneau, minister of transport, will be travelling to India to discuss technology and transportation.

## Mushroom growers say TFWs key to industry success

The industry also says temporary workers deserve a path to permanent residency

### STAFF

The industry group Mushrooms Canada has released a report highlighting the growth opportunities for the sector which will require more accessible labour. The report, *Multiplying Mushroom Sector Opportunities with Rural Canadian Population Growth* makes the case for the contribution of foreign workers and their importance to the sector. “Canadian mushroom growers’ labour shortage makes our workforce our greatest challenge but also our greatest asset,” George Graham, president of Mushrooms Canada, said in a news release. The study also highlighted the opportunities for employees, and cited the example of Marlon Gordon of Wellington, Ontario, who used to raise pigs in St. Mary’s, Jamaica until he came to Canada 15 years ago as an entry-level mushroom harvester. Today he’s well established in Canada and is a trainee maintenance worker for his employer after coming to Canada with \$150 in his pocket. “I now have a house, helped my parents, helped my sisters through college, and my son (through high school),” Gordon said. “It is amazing for me.” Among the findings contained in the report is that temporary foreign workers and employers alike welcomed the end of the four-in-four-out rule, and a call for a path to permanent residency and eventually citizenship for the workers. The full report is available online at [www.mushrooms.ca](http://www.mushrooms.ca).





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# Rains end Australian fire sale on cattle

Weathering the worst drought in decades, cattle producers Down Under were forced to market animals

BY NAVEEN THUKRAL  
AND COLIN PACKHAM  
Reuters

Australian beef producers are seeing rising prices for the first time in months as rains have ended distress sales of animals.

The worst drought in decades had forced producers in key cattle production regions to take cattle to market.

Parched areas of New South Wales and Queensland, the country's key cattle states, have seen widespread rains over the past week, analysts and the official weather forecaster said, with more showers expected.

That is good news for farmers who had been forced to increase livestock sales to slaughterhouses to prevent animals from starving as pastures wilted, prompting a glut in supply of beef.

The Eastern Young Cattle Indicator (EYCI), the benchmark cattle index in the world's third-largest beef exporter, rose to 538-1/4 Australian cents a kg this week, up almost seven per

cent from two-year lows hit in late September.

"We have had good rains everywhere (and) as a result we have seen cattle prices jump," said Simon Quilty, a director at livestock consultancy MLX Pty Ltd. near Melbourne.

"The liquidating phase in Queensland and northern New South Wales might be reversed with this rain, and the second wave of heavy liquidation possibly avoided," he said, referring to the distressed sale of cattle.

Australia, the world's third-largest beef exporter after India and Brazil, sells to countries including Japan, South Korea, China and the United States.

Winter 2017 was not only the warmest in Australia since records began more than a century ago, but was also among the top 10 driest seasons ever, data from the country's weather bureau shows.

The drought also meant that farmers were forced to send some cattle to feedlots earlier than usual, boosting demand for grains in the region.

About 70 per cent of Australian cattle are fed only grass, with the rest spending the last 100 days of their lives in feedlots, according to Quilty. Animals in feedlots are typically fattened with grain ahead of slaughter.

"We had trucks moving grains right from South Australia to Queensland because of the price premium," said one Sydney commodities analyst, declining to be identified as he was not authorized to speak to media.

But that looks set to slow now that cattle will be able to spend longer in fields due to the recent rain.

Much of Queensland received 50 mm of rain in the last week, according to the Bureau of Meteorology, with the rest of the month expected to remain wetter than average.

But rains are unlikely to benefit the drought-hit wheat crop in Queensland and New South Wales, as harvest has already started. The country's 2017-18 wheat output is forecast to drop 40 per cent from last year's record, to a 10-year low.

# U.S. grain handlers cut costs while talking up signs of recovery

BY TOM POLANSEK  
AND KARL PLUME  
Reuters

U.S. grain handlers are making further cuts to operating costs even as they point to signs that a bruising slump driven by a global food commodities glut may be nearing a bottom.

Bunge, Archer Daniels Midland and Andersons have all said conditions appear to be getting better for grains processing and handling, after four years of massive harvests reduced price volatility and clipped margins.

Bunge plans to reduce 2018 capital spending by at least seven per cent to about \$650 million, and ADM said this week it will decrease outlays by about 20 per cent to \$800 million. ADM has also cut jobs to become more competitive and said it would shift funds to value-added businesses from its grain-buying and oilseed-crushing operations.

"I'm optimistic that we are, if not at the bottom, very close to it," Bunge chief executive Soren Schroder said on a conference call Nov. 1, after the company posted a 28 per cent decline in quarterly income on flat revenue.

Schroder has made similar comments before, leaving some analysts skeptical of his rosy outlook.

"Record harvests that continue to happen year after year do pose a difficult trading environment for Bunge and ADM, and

I don't see a sign of that letting up," Morningstar analyst Seth Goldstein said.

Bunge's South American business soured in 2017 because the company pre-booked transportation for a rich harvest and farmers opted to withhold soybeans due to low prices.

As a result, next year Bunge will not guess as much on when farmers will sell, according to the company. Market conditions should also benefit from a decline of wheat supplies, it added.

Global inventories of corn and soybeans are expected to tighten too, ADM's CEO Juan Luciano told analysts on Oct. 31.

"We're starting to see the possible green shoots of recovery in certain areas," he said, after ADM's quarterly earnings tumbled 44 per cent from a year earlier.

Luciano noted he was not expecting significant changes in conditions.

And ADM's cost cutting and shifting of funds show its executives are not assuming a robust recovery, according to Farha Aslam, analyst for financial services firm Stephens.

Challenges from large global supplies hit Cargill Inc.'s latest quarterly earnings in September, when the company said origination and processing results were down from a year earlier.

Andersons CEO Patrick Bowe in August told analysts that "grain fundamentals are improving."



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# U.S. lawmakers seek ‘well-rounded biofuels policies’

The group says the existing policy has failed to meet its own goals

BY EMILY FLITTER  
Reuters

A bipartisan group in the U.S. House of Representatives has called on the Environmental Protection Agency to recognize “the significant pitfalls and costs” of renewable fuel standards in its future rule making and enact “well-rounded” biofuel policies.

“We look forward to working with you to put forth well-rounded biofuels policies that reflect market realities and benefit American families and businesses,” the 64 lawmakers wrote to EPA administrator Scott Pruitt on Wednesday in a letter Reuters reviewed Nov. 2.

An EPA spokesman said in an email the agency would respond to the group “through the proper channels.”

The letter, whose list of signatories was led by Virginia Republican Bob Goodlatte and Vermont Democrat Peter Welch, said the standard had not accomplished any goals it was purportedly designed to meet, like protecting the environment and revitalizing rural America.

“By diverting more than 35 per cent of the annual corn harvest to fuel additive, the RFS has raised the cost of livestock production, increased food price volatility and insecurity, decreased fuel efficiency, damaged small-engine equipment, hurt the environment

**“By diverting more than 35 per cent of the annual corn harvest to fuel additive, the RFS has raised the cost of livestock production, increased food price volatility and insecurity, decreased fuel efficiency, damaged small-engine equipment, hurt the environment and chipped away at household budgets.”**

*lawmaker letter to U.S. EPA*

and chipped away at household budgets,” the letter said.

Earlier this year, the EPA proposed re-examining several aspects of the standard for renewable fuels, includ-

ing whether refiners should be responsible for blending them and whether ethanol exports could be included in a marketplace for renewable fuel credits.

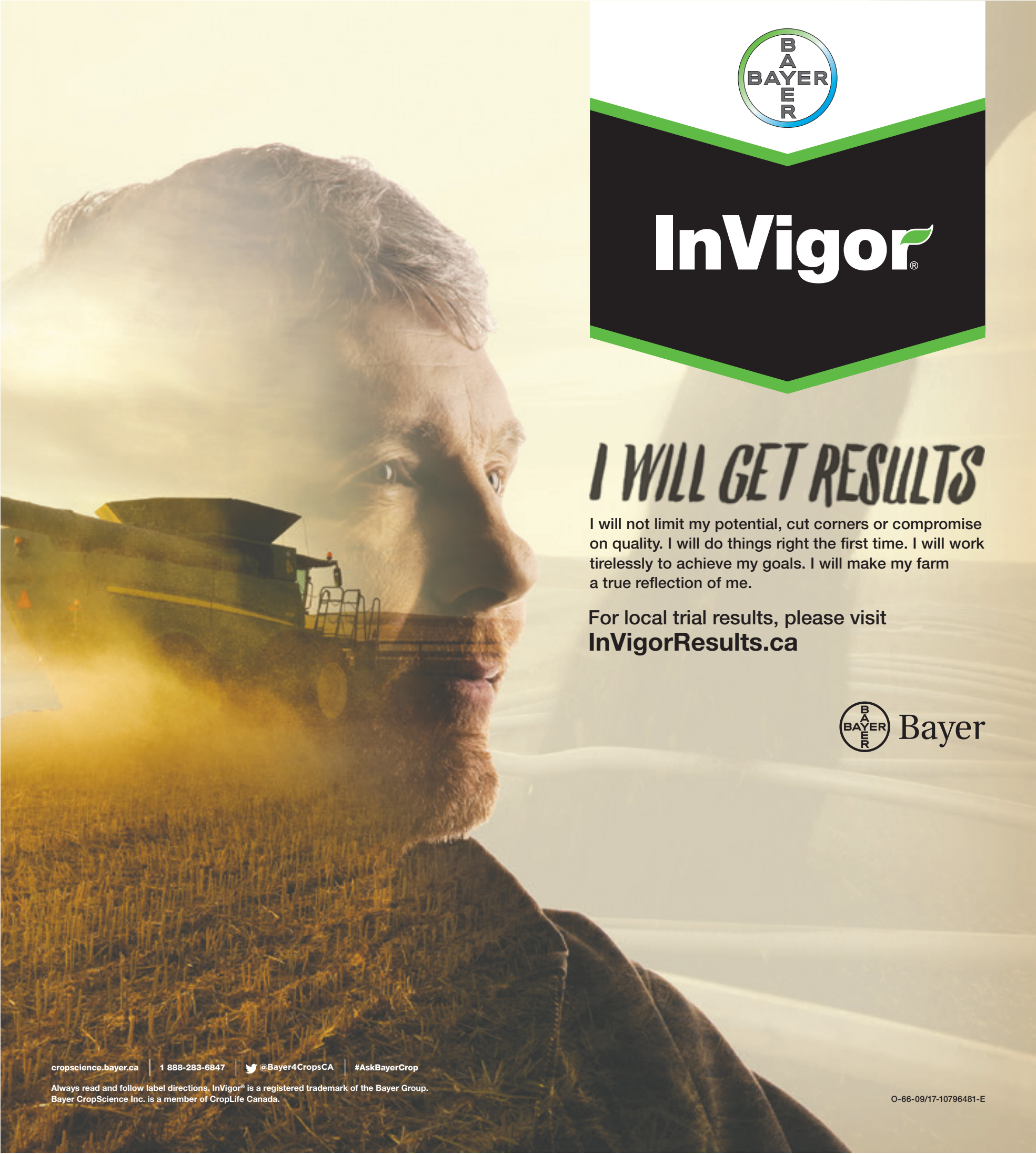
But the agency announced on


Oct. 19 that it would abandon those efforts after protests from Midwestern lawmakers.

“President Trump pledged to support biofuels during his campaign,” said Republican U.S. Senator Chuck Grassley of Iowa in a statement emailed to Reuters. “A strong RFS is consistent with that pledge, and President Trump should be applauded for keeping his word to the country.”

Renewable Fuels Association spokeswoman Rachel Gantz said Goodlatte was “spreading the same lies” about the standard.

“The RFS is helping bring about consumer choice by breaking Big Oil’s monopoly at the pump,” she said.






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**SOIL HEALTH AND Your Bottom Line Workshop.** The Riding Mountain Biosphere Reserve is hosting a "Soil Health and Your Bottom Line" workshop. Healthy soils offer amazing benefits at a global scale, like cleaning air, water and supporting wildlife and the environment. Healthy soil is also key to your farming success and your bottom line. Join us for an informative day at the Parkland Recreation Complex, Dauphin, 10 AM, Wednesday, November 15, 2017. Pre-registration required. For more info, and to register online at: <http://rmbr.ca/2017/10/soil-health/> rmbr@mymts.net or 204-848-0556.

COMMUNITY CALENDAR

MANITOBA 0340

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

AIRPLANES 0400

1947 CHAMPION, 5405 TT, 358.6 SMOH, good fabric, \$26,500 OBO. 204-324-1300, Altona, MB. [seairntd@mymts.net](mailto:seairntd@mymts.net)

1976 GRUMMAN CHEETAH, 2655 SMOH, 555 hrs. on new Mill. cyl., basic VFR panel. Flies great, fast aircraft, \$38,000. 204-322-5614, Warren, MB.

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ANTIQUE VEHICLES 0705

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ANTIQUE MISC. 0710

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**AUCTIONEER'S NOTE:** Please note a well-cared for line of equipment. There are some late model tillage units, a low hour sprayer and many other items in good to very good condition. Major machines have been kept indoors & many items are single owner.

**ONLINE BIDDING:** Can be accessed by visiting [www.resourceauction.com](http://www.resourceauction.com) in advance.

**LOAD OUT INFORMATION:** There will be load out assistance sale day following the auction; November 22 & 23. All items must be removed by December 5, 2017 at noon.

**TRACTORS:** \* 1997 Cat 75D belted ag tractor power shift, cast drivers, 30" bells, wide swing drawbar, 4 hyd, 5465 hrs showing, single owner, SN #5AR00366\* 1996 Case IH 9370 4WD, 12 spd synchro trans, 4 hyd, front weights, rear weights, Firestone 710/70R38 Radial DT duals, very good rubber 80-85%, 8245 hrs showing, single owner, SN# JEE0037190\* 1997 Case IH 8920 Magnum MFWD, power shift, 3 pt w/ quick hitch, 540/1000 PTO, 4 hyd, front weights, 14.9x46 duals, 14.9x30 fronts, 6202 hrs showing, SN #JJA0076914 \* Ford Versatile 9030 Bi-directional, 2360 loader, front 3pt & PTO, 3 hyd, plumbed for grapple, quick attach bucket, 16.9x38 tires, good rubber, 4786 hrs showing, SN#0490523 \* Quick attach pallet forks for Bi-directional\* Lotness Kwik Pik rock picker for Bi-directional tractor, used very little\* **COMBINES & HEADS:** 1998 JD 9610 combine, rear wheel assist, variable speed feeder, single point hookup, Insight HHC, bin extension, chopper, F/A, DAM, DAS, contour master, Y/M, 16.9-26 rears, 30.5-32 drivers, good rubber, set up for Hydraflex, 4216 eng hours, 3107 sep hours, SN #H09610X678288\* 1995 JD 9600 combine, rear wheel assist, DAM, DAS, HHC, F/A, 18.4-26

rears, 30.5x32 drivers, good rubber, chopper, bin extension, variable speed feeder, 5402 eng hours, 3849 sep hours, SN #H09600X662690\* JD 630 30' hydraflex flex head w/ single point hookup, full finger auger, F/A, long dividers, used on 9610, SN #H00630F726097\* JD 930F 30' flex head, F/A & long dividers, stubble lights, SN#H00930F697184\* JD 853A 8R30 all crop head, SN# 476449\* JD 853 8R30 all crop head, SN#394886\* JD 930 Rigid head w/ finger reel, SN#H00930R672541\* 2) 30' Flex Header trailers\* **SPRAYER:** \* 1996 Ag-Chem 854 Rogator self-propelled sprayer, Raven SCS460 monitor & controls, Outback S3 E drive guidance system, stainless tank, 90' booms, 3-way nozzle bodies, touchdown wheels, 14.9x46 tires, good rubber, only 2405 hrs showing, single owner, \* SN #8517836\* **TRUCKS, TRAILERS & PICKUPS:** \* 1996 IH 9200 day cab semi tractor, Cummins M11 plus, 10 spd, 171" wheel base, wet kit, alum tanks, 275/80R 22.5 tires on steel disk wheels, 665617 miles showing \* 1987 Kenworth T600 day cab semi tractor, Cummins NTC 315 big cam, 9 spd, 195" wheelbase, 285/75R24.5 tires on steel disk wheels, 602249 miles showing \* 2012 Jet 40' hopper trailer, 68" sides, spring tires, SN #H01900H675448\* JD

ride, roll tarp, ag hoppers, 11R22.5 tires on steel disk wheels\* 2008 Jet 40' hopper trailer, 68" sides, spring ride, roll tarp, ag hoppers, 11R22.5 tires on steel disk wheels\* 1995 Ford F-250 3/4T ext cab 4x4 pickup, v8 gas, auto trans, (recent engine), 167500 miles showing\* Wisconsin 5th Wheel semi water trailer, 2000 gal galvanized tank, pump, mix cone & hose reel, 10R17.5 tandem duals\* Fruehauf steel semi tanker trailer made into drill tender, 10.00-20 tires\* Small flatbed trailer\* Continental 10' single axle Carry Cargo enclosed trailer\* **TILLAGE & PLANTING EQUIPMENT:** Late model Wilrich QX2 50' 5 section field cultivator, 4 front casters, single point depth control, 4 bar harrow, walking tandems around, wing gauge wheels, 7" knock-on sweeps\* Late Model Wilrich 2530 40' chisel plow, 3 section fold, single point depth control, HD tire option, walking tandems all around, 4 front casters, floating tongue, 3 bar heavy tire harrow\* *Both above units were purchased new at the same time and are in excellent condition*\* 1998 JD 1820 50' air seeder, 5 section fold, rubber press, 7.5" spacing, full run blockage monitor, 2 bar harrow, 1900 TBH 350 bushel cart w/ 2 tanks, fill auger, 710/70R38 tires, SN #H01900H675448\* JD

650 36" disk, dual wheels around, wing gauge wheels, hyd F/A, 11" spacing, blades measure 24" SN #N00650X000198\* Mandako 45" land roller, 42" diameter drums, 5/8" thick, rear fold, SN #HU180545691\* Kinze 24R30 rear fold planter w/ JD planter units & markers\* Yeller 3530 30' flat fold rotary hoe, gauge wheels, cab guard\* H&S 12R30 non folding row crop cultivator, SN#1371\* **OTHER EQUIPMENT & FARM MISCELLANEOUS:** \*Unverferth 8200 grain cart, roll tarp, corner auger, 30.5-32 diamond tires & extension, red in color, SN#B19350120\* Late model Buhler Farm King 1070 10 x 70 auger w/ mech drive swing hopper, hyd hopper mover & 540 PTO, low hours \* Feterl 12"x120" auger w/ swing hopper & hyd lift\* Westfield J208-51 8 x 51 auger w/ 10 hp elec motor\* Westfield 7x51 auger w/ 7.5 hp elec motor\* Woods 2162 15' balwing rotary mower, single wing, airplane tires, 1000 PTO\* Meteor 8' 3pt snow blower, 2 stage double auger, hyd spout\* Buhler 220V elec jump auger \* 2) Outback autosteer units\* Haukaas side arm markers\* 12V Chemical pump & NH3 Kit \* Polaris 400 4 wheel ATV, may need some work\* A good selection of farm miscellaneous items & some tools.

KEITH GILLIE ESTATE, OWNER FOR MORE INFORMATION CALL DENNIS AT 701-215-2058

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2005 LODE KING TRIDEM grain trailers, 48', air ride, 3 hoppers, SK safetied, \$40,000. Can-Am Truck Export Ltd., 1-800-938-3323, Delisle, SK.

**LIVESTOCK TRAILERS**  
1510

2007 WILSON 408 livestock cattle/hog trailer, full rail, winter kit, full fold down dog house. Will have fresh safety, \$57,900. Call for more details, 306-287-7553, Humboldt, SK. jdtransport11@gmail.com

2016 WILSON 408 w/flat floor, full rail, winter kit, long back end, 197,000 kms, \$105,000. 306-287-7553, Humboldt, SK. jdtransport11@gmail.com

2013 TRAVALONG 6x28 stock trailer, triple axle, aluminum, new rubber. 306-542-7007, Vereglin, SK.

CALL GRASSLAND TRAILERS for your best deal on quality livestock trailers by Titan, Duralite (all aluminum riveted) and Circle D. Fall Special in stock- 25' Duralite, \$23,500; 20' Titan smooth wall classic steel stock, \$14,500. 306-640-803 cell, 306-266-2016, Wood Mountain, SK. Email gm93@sasktel.net

**MISC. TRAILERS**  
1515

24' GOOSENECK 3-8,000 lb. axles, \$7890; Bumper pull tandem lowboys: 18', 16,000 lbs., \$4750; 16', 10,000 lbs., \$3390; 16', 7000 lbs., \$2975, 8000 lb Skidsteer, \$1990 Factory direct. 1-888-792-6283. www.monarchtrailers.com

1975 SCHWARTZ, SPRAYER Drop deck water trailer, 2x freeform water tanks (1500 & 2800) US gal. chem handler 111, Sotera chem pump and 5.5 HP 3" water pump, in good condition. Call Carl for price & more info. 306-398-7713, Cutknife, SK.

2003 28' MANAC pup current safety, \$7000 OBO. Contact Shaun or Wade 306-653-8500 or 306-290-8827, Saskatoon, SK. Email: wade@customcourier.ca

2009 DOEPKER 53', 35 tonne RGN double drop tridem trailer, 2 position King Pin setting, AR, rear susp. dump valve, load gauge, 60" sp., 255/75R22.5 alum. rims, 10" swing outs, strap winches, D-rings on deck, 10' neck, 25' deck, 13' tail, current Sask. safety, good cond., \$42,000. Rouleau, SK., call 306-536-0548, 306-536-3484 or 306-776-2349. Email: dkoti@sasktel.net



2016 KANE M675-1.8 trailer, good for si-lage, grain, manure, gravel, dirt, hyd. rear door w/grain hatch, silage extension sides, tractor wagon, \$42,500. Call anytime 204-743-2324, Cypress River, MB.

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28' V-NOSE ROYAL Cargo Enclosed Trailer, 2 floor tie downs, two wall tie downs on each wall, left front ramp door, rear barn door, 2x7000 lbs. axles, exc. rubber, would make a great sled trailer. \$12,500+GST, PST paid. Bill, 306-726-7977. Southey, SK.

**ANNOUNCEMENTS**  
0200



2007 MIDLAND END Dump Gravel Trailer, tarp, new cyl., nearly new tires, new MB safety, job ready, \$36,000 can deliver. 204-743-2324, Cypress River, MB.



CM TRUCK BEDS. Starting at \$2895. Call Jason's Agri-Motive, 306-472-3159 or visit us at www.jasonsagri-motive.ca



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2003 CHEV SILVERADO V6, reg. cab, 1/2 ton, longbox, 42,000 orig. kms, AC, cruise, mint cond. 306-525-8063, Regina, SK.

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1620

2010 FORD F-350 Superduty Cabela's Edition, 6.4L Powerstroke, 4x4, 5-spd auto., leather, green exterior, v. clean, 196,000 kms., 204-572-1605, Dauphin, MB.

2015 DODGE RAM 3500, crew, Longhorn, 6.7L Dually, Aisin auto., 58,500 kms, \$64,995. Hendry's Chrysler 306-528-2171, Nokomis, SK. DL #907140.

**ANNOUNCEMENTS**  
0200



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1620



2008 FORD F-150 4x4, crew cab, 5.4L V8, all power equip., rear camera, tow pkg., exc. cond., 182,000 kms., only \$11,500 OBO. 639-998-8522, Saskatoon, SK.

**GRAIN TRUCKS**  
1625

1998 FREIGHTLINER, N14 Cummins, 18 spd, Jakes cruise locks, 22.5 tires, 18' BH&T, new clutch, 475,000 kms, \$40,000 OBO. 306-849-4732, Sheho, SK. kol@sasktel.net

**CAB AND CHASSIS:** 2010 Chev 3500 1 ton dually, will take 10'-12' deck, 6L gas, 195,000 kms, fresh Sask. safety, \$8900; 2010 Chev 3500 1 ton dually, 2 WD, 6.6L Duramax, 330,000 mi., \$6900. Mechanic's Special: 2001 Sterling L8500, will take 20' box, C12 Cat eng., 13 spd. Eaton, 454,000 kms, needs motor work, \$12,900 OBO. 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

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2005 IH 4400, Allison auto., 19' BH&T, low kms; 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](http://www.rbisk.ca)

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**GRAVEL TRUCKS**  
1626

2005 IH 4400 tandem, new motor, Allison auto., gravel box; 16' IH 9200 Detroit, 10 spd., 16' gravel box; 2013 Decap tridem belly dump; Used tridem end dump, Ron Brown Imp. 306-493-9393, Delisle, SK. DL 905231. [www.rbisk.ca](http://www.rbisk.ca)

**SEMI TRUCKS**  
1627

1985 FREIGHTLINER FLC, Cat 3406B eng., 350 HC, 15 spd. trans., wet kit, safetied, \$8950. 204-467-2452, Stony Mountain, MB.

2007 PETERBILT 379 Short Nose, C13 Cat, 13 spd., 1.8 million kms, new tires, c/w safety, exc. cond., \$31,000. 204-324-3762, Altona, MB.

2008 STERLING A9500, daycab, 10 spd. AutoShift, 12 fronts, 40 rears, 3-way lockers, MBE4000 455 HP deleted, tires 80%, Beacons, \$39,000 OBO. Wade or Shaun 306-653-8500, 306-290-8827, Saskatoon, SK. wade@customcourier.ca



2004 IH 7600 tandem truck, 670,000 kms, 13 spd., 425/65R22.5 front (20,000 lbs.), 11R22.5 rear (46,000 lbs.), \$55,000. 204-743-2324, Cypress River, MB.



2012 VOLVO 630, mid-roof, Volvo D13 500 HP I-Shift, 785,000 kms, \$49,900. Call Norm at 204-761-7797, Brandon, MB.

2013 PETERBILT 389, 63" stand-up bunk, 455 Paccar, DEF deleted, 13 spd., 40 rears, 950,000 kms., \$74,000. Call/text Terry at 306-554-8220, Raymore, SK.

**SEMI TRUCKS**  
1677



2013 VOLVO 730, mid-roof Volvo D13, 500 HP, 13 spd., 726,000 kms, \$68,800. Norm at 204-761-7797, Brandon, MB.



2012 FREIGHTLINER CASCADIA day cab, DD15-505 HP, 13 spd., 798,000 kms., \$42,900. Norm 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.



1995 FL106, 315 HP Detroit, 13 spd., 24' deck, good unit, fresh safety, \$26,900. Call Cam-Don Motors Ltd., 306-237-4212, Perdue, SK.



2007 FREIGHTLINER CENTURY Class, 500 HP, 60 series Detroit, 18 spd., 46 rears, 225" rubber, 550,000 kms., fresh safety, \$27,900. Call Cam-Don Motors Ltd., 306-237-4212, Perdue, SK.



2010 IHC PROSTAR new longblock 485 Cummins w/0 miles, new 24.5 rubber all around, new clutch, ready to go! Fresh safety, \$64,900. Cam-Don Motors Ltd., 306-237-4212, Perdue, SK.



2001 FL80 S/A tractor, 3126 Cat, Allison auto, 300,000 kms., fresh safety, very good, \$23,900. Cam-Don Motors Ltd., 306-237-4212, Perdue, SK.

**KENWORTHS:** 2009 388 Pete, 46 diffs., 18 spd., lockers; 2003 Pete 379, 6NZ Cat, 18 spd., wet kit; 2013 IH 5900i, 18 spd. full lockers, 46 diffs., 400,000 kms.; 2009 T660, new pre-emission, 525 ISX, new 18 spd. and clutch, 46 diff., lockers; 2008 Freightliner Cascadia, daycab, Detroit 515, 18 spd., lockers; 2007 IH 9900i, 525 ISX, 18 spd., 3-way lockers; 2005 Mack CH613, 18 spd., lockers, wet kit, 450,000 kms; 2- 1996 FLD 120 Freightliners, 425 Cats, 430 Detroit's, lockers. Ron Brown Implements, Delisle, SK., 306-493-9393. DL 905231. [www.rbisk.ca](http://www.rbisk.ca)

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2006 WESTERN STAR 4900FA, 200,000 kms., 475 Cat., 18 spd., 46 rears, alum. front bumper, 42" flat top bunk, 11R24.5 tires on aluminum wheels, wet kit, asking \$59,900. 306-825-5355, Lloydminster, SK., Dealer #328771. For more pictures go to: [www.heavyoilfieldtrucks.com](http://www.heavyoilfieldtrucks.com)

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**2013 KENWORTH T370 TANDEM GRAIN TRUCK**, Paccar PX-8, 350hp, 1000lb ft, Torque Allison, 6spd, 3000RDS Air seat, dual pass. seat cloth interior ACT P.W P.L. 22" Alum Wheels, Front Tires 315/80R22.5 Rear tires 11R22.5 Power-Heated Aerodynamic Mirrors AM/FM/CD/ Radio Full Gauges 100 Gal. Alum Fuel Tank 14,600F. Axle 40,000R.Axles with Air Suspension Jacobs brake Trailer Brake Controls 8-1/2X20"X65" CIM ULTRACEL ELECTRIC TARP TAILGATE & HOIST, Cloth Interior, Red, 38,035km, Stk#M7368A \$133,395



**2009 GMC C8500 TANDEM GRAIN TRUCK**  
Isuzu Diesel 300 HP Allison Transmission 14+40 Axles Rubber Block Rear Suspension, Alum wheels A-C-T P.W 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 \$89,995

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**CAN-AM TRUCK EXPORT LTD.**, Delisle, SK. 1-800-938-3323. 2004 Freightliner day cab, 60 Detroit 13 spd. Eaton, SmartShift, 46 rears, low kms., \$36,000; 2006 Lode-King Super B, new safety, \$37,000; 2006 Lode-King tridem, 4 hoppers, new safety, \$35,000; 2016 Canuck tridem, end dump, like new, \$54,000; 1992 Volvo tandem w/3000 vac. unit, low kms., \$19,000; 1997 FL80, 5.9 Cummins, auto, 40 rears w/lock, air ride, 16' grain box, new tires, \$30,000; 2006 IHC 4200, VT365, auto, 12' deck, 260,000 km., \$12,500; 1985 IHC S1700, 6.9 diesel, 5&2, w/45' manlift bucket, ex-SaskPower unit only 109,000 km., \$14,000; 1998 Timpte 48' convertible grain trailer, tandem, air ride, \$17,000; 2009 Western Star C&C, 60 Detroit, 18 spd., 46 rears w/4-way lock, 460,000 km., \$50,000; 2003 Freightliner Columbia, 60 Detroit, 13 spd., 40 rears, \$18,000; Gen sets avail. from 45KW to 800 KW. Financing available OAC. DL #910420. [www.can-amtruck.com](http://www.can-amtruck.com)

**2001 PETERBILT 379** Short Nose, C13 Cat, 13 spd., 1.8 million kms, new tires, c/w safety, exc. cond., \$31,000. 204-324-3762, Altona, MB.

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2008 IH 7600 tandem 24' van body, power tailgate, 10 speed ISX; 2007 Freightliner auto. trans., 24' flatdeck. Ron Brown Imp. 306-493-9393, Delisle, SK. DL #905231. [www.rbisk.ca](http://www.rbisk.ca)

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LIFE INSURANCE. Are you paying too much for your term policy? Call for a free quote. Perry Harris, Life Insurance Agent, 306-583-0811, Regina, SK.

CONTRACTING

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3525

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3550

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3560

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CONSULTING  
2901

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REGULATION DUGOUTS: 120x60x14', \$2000; 160x60x14', \$2950; 180x60x14', \$3450; 200x60x14', \$3950. Larger sizes avail. Travel incl. in SK. See us at on FB at [saskdugouts](https://www.facebook.com/saskdugouts). 306-222-8054, Saskatoon SK

CONSTRUCTION EQUIP.  
3600

1971 CAT 140 grader, runs excellent, rebuilt top end, controls have rebuilt dog clutches, new tires, all new fluids. Needs brakes. Great cond. for its age, \$15,000. St. Denis, SK., 306-230-3355, [rick@metering.ca](mailto:rick@metering.ca)

UNRESERVED FARM & INDUSTRIAL 2 Day Auction, November 20th & 21st, 2017. New Hitachi ZX55. 519-424-1562. Preview & bid online: [www.sunrise-equipment.com](http://www.sunrise-equipment.com)

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UNRESERVED FARM & INDUSTRIAL 2 Day Auction, November 20th & 21st, 2017. 2013 JCB536-60. 519-424-1562. Preview & bid online: [www.sunrise-equipment.com](http://www.sunrise-equipment.com)

4- 2006 JD 400D and 1- 2005 Cat 740 40 ton Art; Rock trucks; 3- 1996, 1997 and 1998 Cat 621F motor scrapers; Coming soon 1972 Cat; D6C LGP crawler. Many more items with prices. Robert Harris, 204-642-9959, 204-470-5493, Gimli, MB. [Pics/info.at:robertharrisequipment.com](mailto:Pics/info.at:robertharrisequipment.com)



2010 CAT D7R 2 LGP crawler tractor, Packard winch, AC, cab, canopy, sweeps, A-dozer 16.6", 36" pads, UC as new, 6282 hrs., very clean, \$285,000; 2008 JD 850J WLT crawler dozer, c/w ROP'S, 12' 6-way blade, S8G pads, 8700 hrs., \$95,000. 204-871-0925, MacGregor, MB.

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2901

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2013 WACKER NEUSON 750T Telescopic wheel loader, 164 hours, Deutz 60 HP turbo, 4 wheel steer, like new! \$59,800. 1-800-667-4515, [www.combineworld.com](http://www.combineworld.com)

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2901

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3600



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3825

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BINS  
4003

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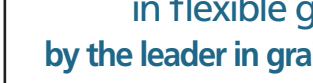
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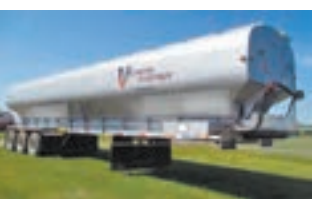
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4106

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**UNRESERVED FARM & INDUSTRIAL 2** Day Auction, November 20th & 21st, 2017. CIH 2388 30'. 519-424-1562. Preview & bid online: [www.sunrise-equipment.com](http://www.sunrise-equipment.com)

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**UNRESERVED FARM & INDUSTRIAL 2** Day Auction, November 20th & 21st, 2017. 2014 S670 PRWD. 519-424-1562. Preview & bid online: [www.sunrise-equipment.com](http://www.sunrise-equipment.com)

**UNRESERVED FARM & INDUSTRIAL 2** Day Auction, November 20th & 21st, 2017. 2014 S680 STS. 519-424-1562. Preview & bid on-line: [www.sunrise-equipment.com](http://www.sunrise-equipment.com)

**UNRESERVED FARM & INDUSTRIAL 2** Day Auction, November 20th & 21st, 2017. 1999 JD 9610. 519-424-1562. Preview & bid online: [www.sunrise-equipment.com](http://www.sunrise-equipment.com)

**UNRESERVED FARM & INDUSTRIAL 2** Day Auction, November 20th & 21st, 2017. JD 9650 STS. 519-424-1562. Preview & bid online: [www.sunrise-equipment.com](http://www.sunrise-equipment.com)

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JOHN DEERE 4178



2013 JD S 690 combine, loaded, AutoSteer ready, S/N #1H0S690STD0755260, exc. working condition. No header included. \$295,000. To view combine: it is located in Kamsack, SK. Can deliver. Call any time, 204-743-2324, Cypress River, MB.

1990 JD 9501 combine, great condition, \$14,000. Call Albert 306-254-2179, 306-230-0154, Dalmeny, SK.

**JD 9600**, with PU table (brand new PU belts), \$40,000; Also straight cut header available. 306-460-9027, Kindersley, SK.

MASSEY FERGUSON 4181

**UNRESERVED FARM & INDUSTRIAL 2** Day Auction, November 20th & 21st, 2017. 2009 FieldStar II. 519-424-1562. Preview & bid online: [www.sunrise-equipment.com](http://www.sunrise-equipment.com)

2013 CHALLENGER 560C (Massey 8560) fully loaded, 587 sep. hrs., c/w PU header, duals. Retired, mint unit. \$300,000 OBO. 306-345-2039, Pense, SK.

2007 MF 9790, 1864 threshing hrs., hopper cover, shedded, auger ext., well maintained, sold here from new, field ready, \$89,900, 0% OAC. Call Cam-Don Motors Ltd., 306-237-4212, Perdue, SK.

VARIOUS 4193



**2017 CLAAS 950**, 150 hrs., 300HD Pro hay PU, loaded, \$375,000; 2013 JD 7280R, 2400 hrs., IVT50k \$155,000; 2013 JD 8360R, 1300 hrs., IVT50k, \$232,500; 2011 Fendt 939, 1300 hrs., 65 kms/hr, \$235,000; 2016 Fendt 936, 500 hours, loaded, \$call; 2014 Magnum 370 and 315, CVT50k, low hrs., \$call; 2016 MF 8737, 900 hrs., loaded, \$223,000. Clinton, ON., 519-955-1331, [www.rozendaalclinton.com](http://www.rozendaalclinton.com)

COMBINE ACCESSORIES

COMBINE HEADER 4199

2014 & 2016 MacDon FD75 headers, 40', JD adapter, dbl. knife, spare knife, cross auger, all options, exc. cond. 4- 2014, \$72,000; 1-2016, \$82,000. 306-533-4891, Gray, SK.

2010 NH (HONEYBEE) **88C** 42' flex draper, cross auger, vg cond., c/w factory transport, field ready, \$27,500 Cdn OBO.; Also available late model **Class/Lexion, MacDon & John Deere flex heads and flex drapers** for various combines. Call 218-779-1710. Delivery available.

**974 MACDON 36'** flex draper JD 50 series single point, lots of new parts, 873 adapter \$15,000. 306-459-7604, Ogema, SK. [mdmellon@sasktel.net](mailto:mdmellon@sasktel.net)



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.

2008 JD 635F 35', hydra flex, PU reel, fore/aft, fits JD 60/70/S, \$24,500. 306-861-4592, Fillmore, SK.

2005 & 2006 JD **635** HydraFlex, \$11,000 each. Call 306-552-4905, Eyebrow, SK.

**RECONDITIONED** rigid and flex, most makes and sizes; also header transports. Ed Lorenz, 306-344-4811, Paradise Hill, SK [www.straightcutheaders.com](http://www.straightcutheaders.com)

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MISC. ACCESSORIES 4205



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**TRIPLE B WRECKING**, wrecking tractors, combines, cults., drills, swathers, mixmills, etc. We buy equipment. **306-246-4260**, 306-441-0655, Richard, SK.

REPAIRS 4220

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SNOWBLOWERS/ SNOWPLOWS 4226

**FARMKING 96"** 3 PTH snowblower, hyd. chute, used 1 hour, \$3300. 306-561-7733, Bladworth, SK.

SPRAYING EQUIPMENT

PT SPRAYERS 4238

2011 NH S1070, 120', susp. boom, 1600 US gal. poly tank, AutoBoom, Autorate, triple nozzle bodies, rinse tank with Trimble 750 w/field IQ sect control, good tires, \$31,000. 306-648-2768, Gravelbourg, SK.

SP SPRAYERS 4241

2013 APACHE 1020, 470 hrs., 100', 1000 gal. tank, duals AutoSteer, AutoBoom, Auto Section. One owner, retiring. \$190,000 OBO. 306-591-1133, Pense, SK.

2014 NH SP 240F-XP, 275 HP, 120', 1600 stainless, fully loaded incl. AIM Command, both sets tires, \$225,000. 306-948-7223.

SPRAYING VARIOUS 4244

**SKINNY TIRES:** Four (4) High Clearance sprayer tires off Patriot 4- 12.4x42, \$3800. Call 306-563-8765, Canora, SK.

**FLOATER TIRES:** Factory rims and tires: JD 4045, 710/60R46; 800/55R46; JD 4038, Case 4420, 650/65R38 Michelin tires and rims. Sprayer duals available. Phone 306-697-2856, Grenfell, SK.

TILLAGE/SEEDING

AIR DRILLS 4250

2001 BOURGAULT 5710 series II w/3170 tank, 29.5', single shoot, 9.8"sp., 3.5"steel packers; 3'openers, 277 monitor, \$26,500 OBO. Call 306-539-3083, Balgonie, SK.

2011 SEED HAWK 50', 12" sp., tool bar with 600 cart dual wheels auger and bag lift. \$229,000; 1997 39' Morris Magnum air drill, 10" spacing, Atom openers w/Morris 180 cart, \$23,000. A.E. Chicoine Farm Equipment, 306-449-2255, Storthoaks, SK.

2010 SEED HAWK 60' Toolbar, 12" sp., w/Seed Hawk 400 cart, 2 fans, seed & fertilizer distributing kit auger. Also NH kit & winch \$175,000. 306-449-2255, A.E. Chicoine Farm Equipment Ltd., Storthoaks SK.

2010 BOURGAULT 3310 65', Paralink, 12" spacing, mid row shank banding, double shoot, rear hitch, tandem axles, low acres, \$135,000. A.E. Chicoine Farm Equipment, 306-449-2255, Storthoaks, SK.

**FLEXI-COIL 51'**, 9", w/2320, 4" rubber packers, in-row liquid phos., exc. cond., \$20,000. 306-690-8105, Moose Jaw, SK.

AIR SEEDERS 4253

2009 SEEDMASTER, 4 product VR, 50', 12" 8370XL 440 bu. Morris TBH, 1600 liq. cart, Raven monitor, \$180,000. Lemberg, SK. For more info, call Arne at 306-335-7494.

54' 2008 BOURGAULT 5710, good shape, new points, c/w 2013 6550 tank, X30 monitor, \$125,000 OBO. 306-567-7703 or 306-567-7184, Davidson, SK.

SEEDING VARIOUS 4259



2014 MERIDIAN 375RT Seed Tender, mint. all options, always stored inside. Asking \$27,500. 204-825-0173, Crystal City, MB.

IHC 310 DISCER, 3x12", good condition, \$2000 OBO. 306-536-5475, Regina, SK. [dstrauch@accesscomm.ca](mailto:dstrauch@accesscomm.ca)

2012 KELLO-BILT 225 TSW, 26" front and rear serrated blades. Oilbath bearings. Excellent cond.! 306-529-2871, Southey, SK

53' FRIGGSTAD CULTIVATOR, harrows, \$8000. Phone306-459-7604, Ogema, SK. [mdmellon@sasktel.net](mailto:mdmellon@sasktel.net)

42' BOURGAULT 9800 chisel plow, HD double spring, w/4-bar heavy harrow, \$29,500 Cdn OBO. 218-779-1710 Delivery available

**BREAKING DISCS:** KEWANE, 15' and 12'; Rome 12' and 9'; Townner 18'-40" blades; Wishek 14', 18', and 30'. DMI 5, and 7 shank rippers.; 1-866-938-8537.

EZEE-ON 6650 TANDEM disc 32', 10" space, 24" front notched blades, \$46,000. Call 306-620-2218, Ituna, SK.

**FLEXI-COIL SYSTEM 95 40'** harrow packer bar, good cond., new tires 1500 ac. ago. 306-873-2208, 306-873-0077, Tisdale, SK.

2015 DEGELMAN PRO-TILL, 33', notch discs front & back w/rubber rollers; 2012 Degelman 70' Strawmaster, ext. wear tips, 3255 Valmar w/tarp, Valmar platform, only seeded 60 ac. canola. Odessa Rock-picker Sales, 306-957-4403, 306-536-5097

TILLAGE EQUIPMENT 4262

16' MORRIS DOUBLE DISC, notched front blades, \$5500. Call 306-395-2668 or 306-681-7610, Chaplin, SK.

JOHN DEERE MODEL 637 tandem disc, 35', very good cond, \$32,500. 306-643-2763, 306-648-7595, Gravelbourg, SK.

**COMPLETE SHANK ASSEMBLIES:** JD 1610, Morris Magnum, \$135; JD 610, Morris Magnum II, \$185. 306-946-7923, Young

31' KRAUSE 4990 tandem disc, 1998 model, disc scrapers, 19 1/4" front disc, 22 1/4" back disc, nice condition, \$15,000, 306-297-7949, Shaunavon, SK.

**ROME BREAKING DISC**, extra heavy duty, 48" blades, 23" spacing, 9' wide, hard to find, \$35,000. 780-821-0767, LaCerte, AB.



KUBOTA  
4298

2014 KUBOTA B2650, 4 WD, 145 hrs., AC, radio, 1 owner, well taken care of, no problems. Has optional fully enclosed cab. Attachments included: FEL, snowblower and lawnmower, \$37,000. 306-230-3355, rick@metering.ca St. Denis, SK.

**UNRESERVED FARM & INDUSTRIAL** 2 Day Auction, November 20th & 21st, 2017. 2014 M7040. 519-424-1562 Preview & bid on-line: [www.sunrise-equipment.com](http://www.sunrise-equipment.com)

NEW HOLLAND  
4304

2010 NH T8030, MFWD, PS, GPS, 4000 hrs., duals front & back, shedded. Call Stephen at 306-731-7235, Earl Grey, SK.

2009 NH T9060, PS, GPS, 800 metric tires, shedded, 3405 hrs., exc. condition. Call Stephen at 306-731-7235, Earl Grey, SK.

2003 T1450 with PS, 4700 hrs., 900x42 Firestone's, front weights, 103 GPM hyd. flow, \$129,000. 306-948-7223, Biggar, SK.

FORD  
4307

3000 FORD GAS, 2700 hrs., c/w furrow plow and 3PTH blade, \$7500 OBO. 204-278-3317 late evenings, Inwood, MB.

VERSATILE  
4310

1992 FORD/VERSATILE 946, 400 HP 20.8x42 duals, JD AutoSteer (valued at over \$6000), very nice, \$44,500 Cdn. OBO. Delivery available. Call 218-779-1710.

1980 875, 6000 hrs., 20.8x38 at 80%, 4 re-motes, local trade, \$19,900. Call Cam-Don Motors Ltd., 306-237-4212, Perdue, SK.

2009 435, 800R38 Goodyear duals, 12 spd. synchro. trans., 4100 hrs., 2 Case drains, plumbed w/large hydraulics for drill, serviced at dealer annually, records available, \$159,000. Call 306-821-2566, Watson, SK.

VARIOUS TRACTORS  
4319

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2005 MCCORMICK MTX120 with Quicke loader, 3100 hours; 2006 MTX150. Call 204-522-6333, Melita, MB.

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2014 CHALLENGER MT665D, 620 hrs., 3502 HP Trimble Autopilot, 18" tracks, PTO, 3 PTH, **\$229,800.** 1-800-667-4515. [www.combineworld.com](http://www.combineworld.com)

LOADERS/DOZERS  
4322

**UNRESERVED FARM & INDUSTRIAL** 2 Day Auction, November 20th & 21st, 2017. 2017 Cat 906M. 519-424-1562. Preview & bid online: [www.sunrise-equipment.com](http://www.sunrise-equipment.com)

**UNRESERVED FARM & INDUSTRIAL** 2 Day Auction, November 20th & 21st, 2017. 2014 JD 244J. 519-424-1562. Preview & bid online: [www.sunrise-equipment.com](http://www.sunrise-equipment.com)

DEGELMAN 6900 4-WAY blade, 16' off JD 9630, little use, good shape, S/N #26153, \$21,500. 306-389-7733, Maymont, SK.

MISCELLANEOUS  
4325

CCIL MANURE SPREADER, \$600; Vermeer round baler; Two- 12'x36" culverts, cheap! 3- 16'x15" culverts; IHC side delivery rake w/steel wheels; 1000 gal. steel water tank. 204-825-8354, Pilot Mound, MB.

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WANTED  
4328

WANTED: OPEN STATION 60-70 HP tractor with 3PTH and PTO, under \$10,000. Phone 204-937-2739 or email: [gert@gmsedcleaning.com](mailto:gert@gmsedcleaning.com)

WANTED  
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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](mailto:ph/fax: 306-426-2305), Smeaton, SK.



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SEASONED SPRUCE SLAB firewood, one cord bundles, \$99, half cord bundles, \$65. Volume discounts. Call V&R Sawing, 306-232-5488, Rosthern, 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.

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1976 CASE 586 rough terrain forklift, 4 speed hydro, 6000 lbs. 15' lift, 4 cylinder diesel, 5760 hrs., nice condition, **\$7980.** 1-800-667-4515. [www.combineworld.com](http://www.combineworld.com)

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5001

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**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.

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**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.

NILSSON BROS INC. buying finished bison on the rail, also cull cows at Lacombe, AB. For winter delivery and beyond. Smaller groups welcome. Fair, competitive and assured payment. Contact Richard Bintner 306-873-3184.

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**60 PLAINS BISON CALVES** for sale by Tender. Sale will also include 2 yearlings. Free range and grass fed. Please submit tender bids by November 4, 2017. Email to: [kylie.garchinski@natureconservancy.ca](mailto:kylie.garchinski@natureconservancy.ca) or phone 306-551-3425, Claydon, SK.

CATTLE

AUCTIONS SALES  
5005

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Friday November 24, 2017 11:00 am

### BRED HEIFER SALE

FRIDAY DEC. 8TH at 11:00

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AUCTIONS SALES  
5005

DISPERSALS, BRED HEIFERS and more Saturday, November 18th, 1:00 PM at Johnstone Auction Mart, Moose Jaw, SK. Schmidt, Clubbe, Hill 22 and Henderson bred heifers; Andrews and Duff dispersals. View details and pictures online at: [www.johnstoneauction.ca](http://www.johnstoneauction.ca) PL #914447.

BLACK ANGUS  
5010

**PUREBRED BLACK ANGUS** bull, very quiet, 3 years old, easy calver, \$3000 OBO; Also 9 Black Angus heifers, bred to calve April 2018; 3 pipe gates, 14' w/hinges, \$175/ea.; 1 manual head gate, \$100. 204-886-2083, Teulon, MB.

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**BLACK ANGUS BULLS**, two year olds, semen tested, guaranteed breeders. Delivery available. 306-287-3900, 306-287-8006, Englefeld, SK. [www.skinnerfarms.ca](http://www.skinnerfarms.ca)

20 FANCY HEIFERS, bred Black Angus, bull turned out June 20, polled in 45 d., preg. checked, \$2000. 306-281-8224 Delisle, SK.

**PUREBRED BLACK ANGUS** long yearling bulls, replacement heifers, AI service. Meadow Ridge Enterprises, 306-373-9140 or 306-270-6628, Saskatoon, SK.

**RIGHT CROSS RANCH Commercial Bred Heifer & Long Yearling Bull Sale** December 4, 1:30, Right Cross Ranch sale facility, Kisbey, SK. Offering 20 long yearling Red & Black Angus bulls and 100+ commercial Black & Red Angus cross Simmental heifers, bred to calving ease Angus bulls. For catalogue or more info. contact Jim at 306-575-7608 or T Bar C Cattle Co. at 306-220-5006. View the catalogue online at: [www.buyagro.com](http://www.buyagro.com) PL# 116061

**5th ANNUAL ANGUS Harvest Classic Sale, Nov. 12th, 2:00PM** at Johnstone Auction Market, Moose Jaw, SK. Offering: 50 outstanding heifer calves, bred heifers, select cow/calf pairs & embryos. For more info. or a catalogue contact Glen Gabel 306-536-1927 or T Bar C Cattle Co. 306-220-5006. View the catalogue online at: [www.buyagro.com](http://www.buyagro.com) Watch and bid live at: [www.liveaucitons.tv](http://www.liveaucitons.tv) (PL#116061)

**29TH ANNUAL Keystone Classic Black & Red Angus Sale, Saturday** December 2nd, 2017 at 1:00 PM, Keystone Centre, Brandon, MB. Offering 75+ females, including an elite selection of foundation bred heifers and fancy heifer calves, herd prospects and cow calf pairs. Junior discounts available. For a catalogue or more info. contact T Bar C Cattle Co. Ltd. at 306-933-4200. View the catalogue online at: [www.buyagro.com](http://www.buyagro.com) PL# 116061

RED ANGUS  
5015

**RED ANGUS BULLS**, two year olds, semen tested, guaranteed breeders. Delivery available. 306-287-3900, 306-287-8006, Englefeld, SK. [www.skinnerfarms.ca](http://www.skinnerfarms.ca)

**29TH ANNUAL Keystone Classic Black & Red Angus Sale, Saturday** December 2nd, 2017 at 1:00 PM, Keystone Centre, Brandon, MB. Offering 75+ females, including an elite selection of foundation bred heifers and fancy heifer calves, herd prospects and cow calf pairs. Junior discounts available. For a catalogue or more info. contact T Bar C Cattle Co. Ltd. at 306-933-4200. View the catalogue online at: [www.buyagro.com](http://www.buyagro.com) PL# 116061

CHAROLAIS  
5055

**PUREBRED COWS AND CALVES**, will give up to three years to pay. Call Jack 204-526-2857, Holland, MB.

**CATTLEMAN! JUST IN TIME** for your fall breeding needs. We have an exc. selection of long yearling bulls. Both red and white, all polled, some suitable for heifers. Call Defoort Stock Farm, Cypress River, MB., 204-743-2109.

**NO BORDERS CHAROLAIS SALE**, Tuesday Dec. 5th, 1:00 PM, Heartland Livestock, Virden, MB. 48 head of registered females from 12 breeders. Polled, Full French, Red Factor from fancy heifer calves to proven producers. For catalogue or info., contact Helge By, 306-536-4261, or view the catalogue online at: [www.bylivestock.com](http://www.bylivestock.com)

**38TH STERLING COLLECTION** Charolais Female Sale, Friday, December 1st, 1:30 PM, at Saskatoon (SK) Livestock Sales. Over 54 head of quality breeding stock. Fancy show prospects to proven producers. For catalogue or info., contact Helge By 306-536-4261, or view the catalogue online at: [www.bylivestock.com](http://www.bylivestock.com)

HEREFORD  
5090



**BIG GULLY FARM BULL SALE** Thursday, Dec. 14th, 5:00 PM MST 12 miles North of Maidstone, SK. Horned and Polled, long yearlings and bull calves. **FREE** wintering, delivery, BSE and carcass ultrasound. Volume Discount of 5% on 2+ head. Repeat Buyer Discount of 2%. View videos, info. and catalogue at: [www.biggullyfarm.com](http://www.biggullyfarm.com) Lance Leachman: 306-903-7299 or email: [biggullyfarm@gmail.com](mailto:biggullyfarm@gmail.com) Online bidding at: [www.LiveAuctions.tv](http://www.LiveAuctions.tv)

HIGHLAND  
5100

BREED HOLSTEIN HEIFER, and some jerseys for sale. Call 519-323-3074, Heifer Ville Holstein Inc., Holstein, Ont.

FRESH AND SPRINGING heifers for sale. Cows and quota needed. We buy all classes of slaughter cattle-beef and dairy. R&F Livestock Inc. Bryce Fisher, Warman, SK. Phone 306-239-2298, cell 306-221-2620.

SALERS  
5105

**PUREBRED SALERS HERD DISPERSAL.** Details at: [www.sweetlandsalers.com](http://www.sweetlandsalers.com) Ken Sweetland, Lundar, MB., 204-762-5512.

SHORTHORN  
5200

**20TH ANNUAL SHORTHORN ALLIANCE SALE**, Thursday December 14th at 1:00 PM, Saskatoon Livestock Sales. On offer will be bull calves, heifer calves and bred females. Top genetics from Western Canadian Breeders. **NEW** this year will be Commercial open and bred heifers from some of Saskatchewan's leading commercial breeders. For more info. contact Richard Moellenbeck 306-287-7904 or view catalogue on line at [www.saskshorthorn.com](http://www.saskshorthorn.com)

SIMMENTAL  
5205

**PIZZEY SIMMENTAL** Private Sale of complete herd. PB Simmental cows. 80 cows plus calves. Red, Black & Fleckvieh. Preg. checked and ready to go! Donna or Calvin 204-847-2055, Fox Warren, MB.

**SIMMENTAL BLACK ANGUS** cross 150 cow/calf pairs bred Black Angus. Phone Brandon at 204-402-0780, Brandon, MB.

**PUREBRED REGISTERED TWO-YEAR-OLD** polled Simmental bull. Ran with herd of 25 females. Reason to sell: Keeping his heifers as replacements. Paid \$6500, asking \$5000. 306-484-4621, Govan, SK.

**JEWELS & DIAMONDS Simmental Production Sale**, Friday November 17, 1:00 PM Ponoka Ag Events Center, Ponoka, AB. Selling Red PB, Fleckvieh, Fullblood, bred cows & heifers, open heifer calves, embryos, plus pens of commercial bred heifers. For catalogue or information, contact T Bar C Cattle Co., 306-220-5006. View the catalogue online at [www.buyagro.com](http://www.buyagro.com) PL#116061.

SPECKLE PARK  
5215

**CWA SPECKLE PARK SALE**, Wednesday November 22 at 4:30 PM. Featuring fancy heifer calves, bred heifers, herd sire prospects, embryos & semen. For more info. or a catalogue, contact T Bar C Cattle Co. Ltd. at 306-220-5006. View the catalogue online at [www.BuyAgro.com](http://www.BuyAgro.com) PL#116061.

CATTLE VARIOUS  
5240



**H. S. KNILL TRANSPORT**, est. 1933, specializing in purebred livestock transportation. Providing weekly pick up and delivery service across Canada/USA and Mexico. Gooseneck service available in Ontario, Quebec and USA. US and Canada customs bonded carrier. Call 1-877-442-3106, fax 519-442-1122, [hsknill@pppoe.ca](mailto:hsknill@pppoe.ca) or [www.hsknilltransport.com](http://www.hsknilltransport.com) 155 King Edward St., Paris, ON. N3L 0A1.

**3J SIMMENTAL FARMS** has for sale 200 plus Simmental and Simm./Red Angus cross bred heifers, bred to Red or Black Angus. All one iron, excellent quality. They don't come any better! Call Gordon 306-327-8005, 306-327-9211, Lintlaw, SK.

21 BRED HEIFERS: 8 true F-1 RA cross Simm.; Also 13 straight bred Red Angus. Bred to proven calving ease bulls, with 68 & 72 lbs. birth weights. Heifers weigh 1000-1100 lbs. These are a great set of heifers. Call Harv Verishine 306-283-4666 or 306-281-5424, Langham, SK.

29 RED ANGUS Simmental Cross Heifers, bred Red Angus, calving ease bull, due April 1st. 306-283-9276, Langham, SK.

21 BRED HEIFERS, RWF, BWF, black. Bred Polled Hereford Red Angus, very quiet. Ervin Lehmann 306-232-4712 Rosthern SK

**BURNETT 4TH ANNUAL** Bred Heifer Sale, Sunday, December 3, 2017 at 2:30 PM at the Ranch, 12 miles south west of Swift Current, SK. Featuring 70 Heifers bred to Black Angus and Red Angus calving ease bulls; 10 purebred Black Angus; 30 commercial Black Angus; 17 F1 Black Angus cross; Tarentaise; 10 Red Angus cross Hereford; 3 Black Angus cross Shorthorn. Pregnancy tested, sound and quiet. For more info: Wyatt 306-750-7822 or Bryce 306-773-7065, [wburnett@xplornet.ca](mailto:wburnett@xplornet.ca)

CATTLE WANTED  
5245

**WANTED:** RED OR BLACK Angus cross younger cows, lease to own. References available. 306-542-7007, Veregine, SK.

**WANTED:** CULL COWS and bulls. For bookings call Kelly at Drake Meat Processors, 306-363-2117 ext. 111, Drake, SK.

SWINE

SWINE VARIOUS  
5670

11 WEEK



ORGANIC PRODUCTS

CERTIFICATION SERVICES

5943

**WANT THE ORGANIC ADVANTAGE?** Contact an organic Agrolgist at Pro-Cert for information on organic farming: prospects, transition, barriers, benefits, certification and marketing. Call 306-382-1299, Saskatoon, SK, or info@pro-cert.org

GRAINS

5942

WANTED: ORGANIC LENTILS, peas and chickpeas. Stonehenge Organics, Assiniboia, SK., 306-640-8600, 306-640-8437.

PERSONAL

**PERSONAL ADS**

Personal Advertisements will not be accepted over the telephone. Only those advertisements carrying the written signature of the advertiser will be published. (Although name and address will not appear in one's ad, we must have this information for our files.) Full payment must also accompany Personal Ads.

Replies to Western Producer box numbers will be forwarded for two months.

**AMBITIOUS RESPONSIBLE FARMER** with profession, never married, with outstanding moral background would like to meet intelligent responsible ambitious farm gal with a passion for country living. Serious relationship only. Reply to Box 2008 c/o MCO, Saskatoon, SK. S7K 2C4.

PERSONAL VARIOUS

5952

**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 within six months after the sale the animal's duly transferred certificate of registration or certificate of identification. Any person who contravenes any provision of this Act or the regulations (a) is guilty of an offence punishable on summary conviction and is liable to a fine not exceeding twenty-five thousand dollars; or (b) is guilty of an indictable offence and is liable to a fine not exceeding fifty thousand dollars. For further information contact: Canadian Kennel Club Etobicoke, On.

Farming is enough of a gamble, advertise in the Manitoba Co-operator classified section. It's a sure thing. 1-800-667-7770.

WORKING DOGS

5923

**PUREBRED BLUE HEELER PUPS**, from good working parents, ready to go, have raised Blue Heelers for 45 years. 204-365-0066, Shoal Lake, MB.

**BULL MASTIFF/AMERICAN SHEPHERD** puppies for sale, parents are excellent watchdogs, 8 weeks old and ready to go! asking \$500. Call 204-428-3688, Portage la Prairie, MB.

**10-WEEK-OLD AUSTRALIAN HERD Pups**, \$500/each, allowance for longer distance pickup. 204-827-2805, Glenboro, MB.

**COLLIE AUSTRALIAN SHEPHERD** cross puppies, ready to go Nov. 10th, \$50 each. Call 306-532-4843, Wapella, SK.

**COLLIE AUSTRALIAN SHEPHERD** cross 10 month female pup, \$50. Call 306-532-4843, Wapella, SK.

**TRUE BLUE HEELERS** last litter of 2017 is here! With 1st shots, de-wormed, \$400. 306-492-2447, 306-290-3339, Clavet, SK.

**IRISH WOLFHOUD & GREYHOUND's** for sale. Call 306-290-8806, Dundurn, SK.

**BORDER COLLIE PUPS** from working parents, ready to go Dec 6th, vet check & 1st shots, \$500. 587-219-0562, Consort, AB.

REAL ESTATE

B.C. PROPERTIES

6110

**SOOKE, BC.: 1 hour west of Victoria.** 4200 sq. ft., 4 bdrm., 3 bath, 1/2 acre, ocean view; Plus adjoining 1/3 acre C3 commercial with buildings. MLS® 378889 & MLS® 381189. Call 250-642-5172.

COTTAGE/LOTS

6125

**AFFORDABLE HOMES AND COTTAGES** 1560 sq.ft. ready-to-move bungalows. 3 bdrm, 2 1/2 bath. Open concept plan with signature modern, rustic finishes. With or without covered porch. Optional dormers. \$100,000 to \$110,000. For photo tour, visit [www.marvinhomes.ca](http://www.marvinhomes.ca) Marvin Homes, Mitchell, MB., Phone: 204-326-1493, or Email: [info.marvinhomes@gmail.com](mailto:info.marvinhomes@gmail.com)

**RESIDENTIAL LOT, ELBOW, SK** for sale. Lot 7, Blk 2, Plan 88MJ16836, 125 Putters Lane. One block from golf course. 24.5 Meter frontage. Serviced by town. Will consider trade of RV, boat, truck, car, etc. \$29,500. Call Gerry 403-389-4858.

**LOG SIDDING**, LOG cabin logs, Fir timbers, Fir flooring, Cedar. Species options. Check out more info. at: [rouckbros.com](http://rouckbros.com) Lumby, BC., 1-800-960-3388.

HOUSES/LOTS

6126

**LOG AND TIMBER HOMES**, Saskatoon, SK. Visit [www.backcountryloghomes.ca](http://www.backcountryloghomes.ca) or call 306-222-6558.

**LIST YOUR PROPERTY** to MLS for a flat fee Check it out at: [choicerealtysystems.ca](http://choicerealtysystems.ca) or call 306-975-1206.

MOBILE HOMES

6127

SELLING

**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.

**AFFORDABLE HOMES AND COTTAGES** 1560 sq.ft. ready-to-move bungalows. 3 bdrm, 2 1/2 bath. Open concept plan with signature modern, rustic finishes. With or without covered porch. Optional dormers. \$100,000 to \$110,000. For photo tour, visit [www.marvinhomes.ca](http://www.marvinhomes.ca) Marvin Homes, Mitchell, MB., Phone: 204-326-1493, or Email: [info.marvinhomes@gmail.com](mailto:info.marvinhomes@gmail.com)

**RTMS AND SITE** built homes. Call 1-866-933-9595, or go online for pictures and pricing at: [www.warmanhomes.ca](http://www.warmanhomes.ca)



**J&H HOMES:** Save \$10,000-\$17,000 off RTM showhomes. Trusted builders since 1969. [www.jhhomes.com](http://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](http://www.northbattlfordhomehardware.com)

RESORTS

6129

**VEGAS TIMESHARE:** INT'L exchanges, 2 bedroom, 2 bath, full kitchen, laundry, fireplace, pools, selling due to health. 306-453-2958, Carlyle, SK.

RECREATION PROPERTY

6130

2002 CAVCO MANUFACTURED Home. Tuscany MH Park, Yuma, AZ., 1066 sq. ft., 2 bed, 2 bath, new AC and heat unit (Nov. 2016). Unique park w/only mobile homes. All offers considered. Call 306-325-4450.

**PARK MODEL** for sale, friendly smaller park Yuma, AZ. Includes Arizona room, carport, fully furnished, 2 pools, rec hall, \$25,000. 780-467-1915, Sherwood Park, AB.

FARM & RANCHES

BRITISH COLUMBIA

6131

5 ACRE FARM, fenced, 4 bdrm home, cabin, barns, fruit trees, Slocan River frontage, \$430,000. 250-304-4669, Castlegar.

ALBERTA

6132

**QUALITY QUARTER SECTION** of land located 4.5 miles south of Sperling, MB. on Prov. Rd. #336. Legal: SE 1/4-31-5-2. Ph Golden Plains Realty Ltd, 204-745-3677.

**WATER PROBLEMS? ELIMINATE** rust, smell, bad taste, hardness, sodium odor. The Water Clinic, 1-800-664-2561, [www.thewaterclinic.com](http://www.thewaterclinic.com)

1/4 SECTION NORTH of Halkirk, AB. Crop-land, grass and trees. Natural watercourse. 9 miles from Big Knife Prov. Park. In WMU 204 - one of the most desired big game hunting areas in AB. Phone 403-633-2421.

**HALF SECTION OF PRIME IRRIGATED Crop Land ID#1100612, Bassano:** Up for sale is a 1/2 sec. of premium irrigated crop land located in the County of Newell, 5 miles East of Bassano and North of Hwy. 550. Approx. 300.32 acres in total with approx. 256 acres irrigated by two 2016 Pierce pivots. Annual surface lease revenue of \$23,532. **465 Acres of Prime Irrigated Row Crop Land, ID#1100614, Rolling Hills:** 3 quarters are all in 1 block and located between Rolling Hills and Tilley. 465 acres of nice row crop land w/426 acres of EID water rights, 3 pivots, UG mainlines and 3-phase power. A 1200 sq. ft. home and various outbuildings are included. **Real Estate Centre, 1-866-345-3414. For all our listings visit: [www.farmrealestate.com](http://www.farmrealestate.com)**

SASKATCHEWAN

6133

115 CULTIVATED ACRES and remainder in hay and pasture near City of Humboldt in RM of Humboldt No. 370. SW 12-38-23 W2. Highest or any offer not necessarily accepted. Mail bids by November 30, 2017 to Box 686, Humboldt, SK. S0K 2A0.

313 ACRE FARMLAND for sale by online auction on: <http://www.bidwin.org> Qing Zhang, Landmart Realty, 306-684-0136, Foam Lake, SK. [qing.canada@gmail.com](mailto:qing.canada@gmail.com) <http://www.bidwin.org>

**LAND FOR SALE** By Tender, 472 acres in RM of Maple Bush No. 224: SW-2-23-4-W3 and S1/2-3-23-4-W3. Highest or any bid may not be accepted. Bids may be submitted to: [crystal0722@hotmail.com](mailto:crystal0722@hotmail.com) (due by Nov. 22, 2017). For details call 306-796-7317.

**LAND FOR SALE** by tender. Approx. 480 acres, RM of Willner #253. N1/2-11-25-3-W3, SW 11-25-3-W3. Grass and pasture-land with dugout and some fencing. Tenders accepted until December 15, 2017. Highest or any tender not necessarily accepted. Submit written tenders to: Box 134, Loreburn, SK. S0H 2S0

**LAND FOR SALE** by Tender: RM of Hoodoo, NE 14-43-26-W2. Approx. 150 cult. acres. Approx. 6 miles NE of Wakaw. Title clear, taxes paid 2017, currently rented. Highest or any tender not necessarily accepted. Send tenders to: PO Box 302, Wakaw, SK. S0K 4P0. [markowskym@gmail.com](mailto:markowskym@gmail.com)

**RM OF LIVINGSTON:** Pelly, SK., 6 miles N. SW and SE 26-34-32-W1. 320 acres, 265 cultivated, \$399,000. Phone 778-848-2535.

**TAKING OFFERS** ON section of land in RM 129: 33-14-19 W2. Looking to lease back. Phone 306-596-4231.

SASKATCHEWAN

6133

RM FOAM LAKE #276: NE-18-29-11-W2, 160 acres (145 cult.), along Hwy. #310. Mostly oats and barley grown on it. Summer-fallow- 2017. Info. call 306-272-4704.

**FARMLAND NE SK (Clemenceau)** 4 qtrs plus 36 acre riverside parcel with 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, exc. elk hunting and other big game and goose. 580 acres wheat, mustard, barley and peas. Full line of farm and sawmill equipment also available. Will separate. Reg Hertz, 306-865-7469.

**FOR SALE BY TENDER:** Tenders are being accepted on the following farmland: **SE 03-41-20 W2, RM of Lake Lenore, No. 399.** Approx. 145 cultivated acres. Forward your marked and sealed Tender, together with a certified cheque deposit of 5% of your bid to: **Eisner Mahon Forsyth, 101 MacLeod Ave. W, PO Box 2680, Melfort, SK, S0E 1A0, Attention: Tender 2017-11.** Deadline: **November 15th, 2017, 5:00 PM.** Highest or any offer not necessarily accepted. Offers not accepted will be returned week of November 20th, 2017.

WANTED

GRAIN LAND TO RENT, 35 mile radius of Rouleau, SK. Call 306-776-2600 or email: [kraussacres@sasktel.net](mailto:kraussacres@sasktel.net)



**MACK AUCTION CO.** presents a land and oil revenue auction for the Estate of Elizabeth Debusschere. **Thursday Dec. 7, 2017 at the Stoughton Legion Hall, Stoughton, SK, 7:00 PM.** Up for auction are 5 quarters of farm land and pasture in the heart of the oil patch near Stoughton, SK. 1) NE 26-08-08 W2, RM of Tecumseh No.65: 160 titled ac., approx. 110 cult. ac., FVA 77715, 2017 taxes \$331.45, 2017 crop Canada, 2 Westel 1650 bu. bins on wood floors, surface lease revenue \$23,250; 2) SE 26-08-08 W2, RM of Tecumseh No.65: 157 titled ac., approx. 120 cult. ac., FVA 77385, 2017 taxes \$330.05, dugout, surface lease revenue \$6750; 3) NW 06-09-06 W2, RM of Brock No.64: 160 titled ac., FVA 30420, 2017 taxes \$171.26, pasture, partially fenced, surface lease revenue \$6800; 4) NE 06-09-06 W2, RM of Brock No.64: 160 titled ac., FVA 54450, 2017 taxes \$306.55, pasture, partially fenced; 5) SW 06-09-06 W2, RM of Brock No.64: 160 titled ac., FVA 34200, 2017 taxes \$192.55, pasture, partially fenced, surface lease revenue \$6400. 10% non-refundable down on sale day, balance due in 30 days. For sale bil & pics visit [www.mackauctioncompany.com](http://www.mackauctioncompany.com). Join us on Facebook and Twitter. 306-421-2928 or 306-487-7815. Mack Auction Company, PL#311962.

NEAR KRONAU SK, 1/2 hr. from Regina 80 acres w/character home and outbuildings; Near Pilot Butte 68 acres with yardsite; Near Pilot Butte 80 acres with yardsite. Brian Tiefenbach, 306-536-3269, Colliers Int. Regina, SK. [www.collierscanada.com](http://www.collierscanada.com)

**TENDER: KINDERSLEY/EATONIA Farm Land For Rent - 2 section/8 quarter block.** RM 261 Chesterfield: Section 29-27-25 & Section 32-27-25. Land located approx. 12 miles SW of Kindersley; 7 miles North of Eatonia. Rental tenders invited on the above land (preference given to tenders involving all lands); Tenders close at 5:00 PM November 30, 2017. Successful tender(s) to complete rental agreement with vendor/landlord by December 14, 2017. Rent tenders to specify \$/acre cash rent. Highest or any tender not necessarily accepted. 5 year term offered. Respondents must rely on their own research and inspection. For more info, contact Chris Selness at 306-539-1972. Tenders to be submitted to: Chris Selness /Topsoil Land Tender, 1925 Victoria Avenue, Regina, SK., S4P 0R3.

**BY TENDER:** RM of Three Lakes, No. 400. NE 14-42-22-W2, SE 14-42-22-W2. 316 acres, approx. 230 cultivated acres. Owner reserves the right to reject highest or any tenders. Deadline is November 30, 2017. Send tenders to: Leo Briens, 33 Huntington Place, Saskatoon SK, S7H 4L7. For inquiries, call 306-373-4371.

**TOM@SASKFARMLAND.COM** For sale RM of Mariposa SW-7-36-20-W3, SE 7-36-20-W3. \$355,000 MLS. Coldwell Banker Signature. Tom Neufeld 306-260-7838.

**TOM@SASKFARMLAND.COM** Meadow Lake hunting land. Pines, heavy big game, trails. 160 acres. \$84,500 MLS. Coldwell Banker Signature. Tom 306-260-7838.

**TOM@SASKFARMLAND.COM** Interested in the value of your farmland and considering selling? Up to date market evaluations done at your farm. Coldwell Banker Signature. Tom Neufeld 306-260-7838.

**TOM@SASKFARMLAND.COM** Kenaston, 958 acres. Individual 1/4's available. Tenant available. \$930,000 MLS. Coldwell Banker Signature. Tom 306-260-7838.

**RURAL WATER, FARMS, acreages.** Multiple membrane system, 2000 gal./day. The Water Clinic, [www.thewaterclinic.com](http://www.thewaterclinic.com) 1-800-664-2561.

**NEVER...HAUL** OR purchase those heavy bags of water softening salt or expensive bottle water again! The Water Clinic, [www.thewaterclinic.com](http://www.thewaterclinic.com) 1-800-664-2561.

**RM OF BLUCHER** 343: 2 quarters. SW-29-35-01-W3M, NW-29-35-01-W3M, 310 acres cult. 3 hopper bins totaling 17,000 bu. Call Bob 306-717-1987.

**FOR RENT:** 4 Quarters in the RM of Blucher Phone 306-374-0339. Cash offers only.

**RM OF FOAM LAKE #276** for sale SE-35-28-12-W2 160 acres (approx. 102 cultivated). Call 780-724-3735 for info.

**5900 ACRE RANCH SW SASK. ID#1100582, Govenlock, SK:** 5900 acre ranch in Sask., 15 kms from AB-SK border and 40 kms from USA border. There are 4892 acres deeded and 1012 acres government lease w/61 acres flood irrigated alfalfa. Property c/w a 4 bedroom home, corals, heated barn and a massive steel shop. **MLS® Real Estate Centre, 1-866-345-3414. For all our listings visit: [www.farmrealestate.com](http://www.farmrealestate.com)**

**WANTED:** 4000-4500 ac. (+/-) for young farmer, east of Luseland or Unity area. As-secs: \$100,000. Call 780-625-6767.

SASKATCHEWAN

6133

**BY TENDER:** The Sale of Lands by BKS Trucking Ltd., Shaun & Katie Bassett, Remerge Rehabilitation Inc., and Derek Kurpuweit. The owners of farmlands will accept offers to purchase, as a block, the following deeded lands briefly described as SW 13-7-6 W3, SE 14-8-6 W3, NE 14-8-6 W3, SW 35-7-6 W3, NW 35-7-6 W3, NW 20-8-6 W3, NE 20-8-6 W3, NW 14-8-6 W3, SW 14-8-6 W3, NW 7-7-5 W3, SW 7-7-5 W3, SE 19-7-5 W3, SW 19-7-5 W3, SE 12-7-6 W3, SW 12-7-6 W3, NW 13-7-6 W3, NW 26-7-6 W3, NE 31-7-5 W3, SE 31-7-5 W3, NW 29-7-5 W3, NW 13-8-6 W3, NE 11-8-6 W3 and SE 11-8-6 W3 as well as certain bins all of which are located in the **RM of Wood River No. 074** and detailed in the Tender Package. The Owner reserves the right to reject any or all Tenders, and to waive formalities as the interest of the Owner may require without stating reasons. The highest or any Tender may not necessarily be accepted. The Owner shall not be liable for any costs, expenses, loss or damage incurred, sustained or suffered by any bidder prior, or subsequent to, or by any reason of the acceptance or the non-acceptance by the Owner of any Tender. The bidders whose Tenders have not been accepted by the Owner will be notified within a reasonable time after Tender opening. The successful bidder shall pay a non-refundable deposit of 5% of the tender price to Stringam LLP in trust by way of bank draft or solicitor's trust cheque with the tender submission. The closing date shall be **January 2, 2018**, the balance of the tender price shall be due and payable on said closing date. The taxes shall be adjusted at the closing date. The Owners shall retain all surface lease rentals up to and including the closing date without adjustment and any subsequent payments will be provided to the Purchaser. Tenders shall be marked "BKS Trucking Tender" and delivered on or before 12:00 noon MDT on **December 1, 2017 to: Stringam LLP, 35 7th Street SE, Medicine Hat, AB., T1A 1J2, Attention: Kipling B. Wiese. P: 403-488-8200. F: 403-488-8215. Email: [kbwiese@stringam.ca](mailto:kbwiese@stringam.ca) and/or colleen@stringam.ca** Only tenders for the entire block of parcels for the above lands will be accepted. Separate tenders will be considered for the blocks of bins specified above. In the event that a successful tender is accepted on all parcels. Tenders which are submitted to Stringam LLP may be opened by the owners and accepted by the owners prior to **December 1, 2017** at the Owners' option. The successful bidder will be notified as such time as stated below. If the owner shall not open or accept tenders prior to December 1, 2017, the owners will notify the successful bidder by email, phone, or fax when the tender has been accepted.

The Manitoba Co-operator. Manitoba's best-read farm publication.

MANITOBA

6134

**IMMEDIATE POSSESSION** in RM of ARM-STRONG. Cozy mid 1950's farmhouse on 80 acres of fenced pasture and hayland. Asking \$160,000 OBO. Call after 6:00 PM, 204-643-5697, Fraserwood, MB.

**EQUINE FACILITY, KELWOOD PTH#5:** 34 acres, 6 corrals w/waterers. Fenced & cross fenced, MLS® 1725242, \$204,000; Also 2 bdrm, modern 2 bath bungalow nearby, MLS® 1700991. Call Liz Sumner, Gill-Schmalt Agencies, 204-476-6362.

**NOW IS THE TIME** to list, give your farm the right exposure. Get your farm listed now for the early spring buying spree. Local and foreign buyers are looking for large and small grain and cattle operation, small holdings and just land. Call Harold 204-253-7373, Delta Real Estate. [www.manitobafarms.ca](http://www.manitobafarms.ca)

**CANADIAN FARM REALTY**

**FARMLAND FOR SALE BY TENDER, RM OF PEMBINA**

Sealed bids for the purchase of the following parcel of land, located in the **RM of PEMBINA, Manitoba** will be received up to 5:00 pm on November 14, 2017 at the offices of **CanadianFarmRealty.com, Box 7, Graysville, MB R0G 0T0 Attention: Dolf Feddes NE 9-2-W, 160.00 acres**

Conditions of Tender:	
1. Interested parties must rely on their own inspection and knowledge of the property.	4. The purchaser(s) shall be responsible for payment of GST or shall self-assess for GST.
2. Tenders must be accompanied by a deposit in the form of a certified cheque or bank draft of 5% of the amount offered, payable to Royal LePage Riverbend Realty in Trust. Deposit cheques accompanying unaccepted bids will be returned.	5. Successful bidders will be asked to enter into a formal Purchase agreement covering the terms and conditions of sale. Possession date will be December 14, 2017.
3. Highest or any tender not necessarily accepted.	6. Tenders will be held in confidence and not be released to the public.

Any questions regarding this parcel or this tender can be directed to: **Dolf Feddes, REALTOR for CanadianFarmRealty.com 204-828-3371 (office) or 204-745-0451 (cell) or look for more information on [www.canadianfarmreality.com](http://www.canadianfarmreality.com)**

**Visit our farm listings and videos at [www.canadianfarmreality.com](http://www.canadianfarmreality.com)**

**Invitation to Tender**

The farm land listed below in the **Municipality of Glenella-Lansdowne** is available for sale:  
\*\*\*Note: Highest or any tender may not necessarily be accepted.

Land	Acres- Approximately
NE 14-16-13 WPM	160
NW 14-16-13 WPM	159

Exc: Wly 210 feet of Ely 270 feet of Nly 210 feet

Sealed Tenders to purchase the land will be received by: **TAYLOR LAW OFFICE, 269 Hamilton Street, P.O. Box 309, Neepawa, Manitoba R0J 1H0 until December 1, 2017 @ 11:00 am.**

Terms & Conditions:

- Each tender shall be in writing in a sealed envelope, clearly marked as to contents and shall be submitted with a certified cheque OR Bank Draft payable to "Taylor Law Office in Trust" in an amount equal to 5% of the Tender price;
- If the Tender is accepted, the cheque or draft shall constitute a non-refundable deposit. If the Tenderer fails to complete the purchase of the property, the Seller shall herein retain the deposit as liquidated damages;
- The balance of the Purchase Price shall be paid by certified cheque, bank draft, or lawyers trust cheque, and trust conditions on possession date;
- Possession date to be 30 days after acceptance of Tender;
- Vendor will pay the 2017 property taxes;
- The Tenderer will pay the applicable GST or provide acceptable undertaking to self-assess;
- Highest or any tender will not necessarily be accepted;
- The Tenderer shall be deemed to have relied on the Tenderer's own inspection and knowledge of the land and the titles for the properties, its true condition, possible liabilities and the status of the title hereto independent of any representations by or on behalf of the seller.

**The Owner will only consider a tender on both properties.**

MANITOBA

6134

**CANADIAN FARM REALTY**

**A team of 6 farm agents specializing in agricultural properties. Contact one of the agents below for your no obligation consultation.**

Sheldon Froese	204-371-5131
Stacey Hiebert	204-371-5930
Dolf Feddes	204-745-0451
Junior Thevenot	204-825-8378
Henry Carels	204-573-5396
Catharina Carels	204-720-4779

**Visit our farm listings and videos at [www.canadianfarmreality.com](http://www.canadianfarmreality.com)**


**JOE AND NANCY JO MOLLER** are offering the following private land for sale: **N1/2 of 10-16-13 W; SE 10-16-13 W; S1/2 of 11-16-13 W; SW 24-16-13 W; E1/2 of 26-16-13 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: **NE 11-17-13 W; SE 11-17-13 W.** If you wish to purchase the private land contact the Lessees Joe and Nancy Jo Moller at Box 179, Plumas, MB R0J 1P0. If you wish to comment on or object to the eligibility of this Unit Transfer write the Director, Manitoba Agriculture, Agricultural Crown Lands, PO Box 1286, Minnedosa MB R0J 1E0; or Fax 204-867-6578.

**HARVEY YOUNG, SR.** of Roblin, MB is offering the following private land for sale: **SE 25-29-28W; N 1/2 24-29-28W; SE 24-29-28W; S 1/2 23-29-28W; NE 23-29-28W; SE 26-29-28W.** 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 consists of the following: **SW 24-29-28W, N 1/2 26-29-28W.** If you wish to purchase the private land, contact the lessee Harvey Young, Sr., Box 1678, Roblin, MB. R0J 1P0. If you wish to comment on or object to the eligibility of this Unit Transfer write the Director, Manitoba Agriculture, Agricultural Crown Lands, PO Box 1286, Minnedosa, MB. R0J 1E0 or fax 204-867-6578.

**GARRY DIDYCHUK** of Rorketon, MB. is offering the following private land for sale: **NW 2-28-16 W**



**VACATION ACCOMMODATIONS 6245**



ATTENTION SNOWBIRDS: A warm winter and soft breezes await you in Osoyoos, BC this winter season. The Bella Villa Resort, right on the lake, offers a variety of rooms all equipped with full kitchens. Bella Villa Resort is close to shopping and restaurants and a very short drive to other communities in the Okanagan. Make your reservations now by calling 1-888-495-6751. Monthly rates starting at \$600.

**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: seedsemen@inspection.gc.ca or phone 1-800-442-2342

**CEREAL SEEDS**

**BARLEY 6404**

**TOP QUALITY CERT. #1** CDC Copeland, AC Metcalfe, Newdale, Frederick Seeds, 306-287-3977, Watson, SK.

**CERTIFIED #1:** CDC Copeland, AAC Synergy, CDC Maverick, CDC Austenson, AC Ranger. Ardell Seeds Ltd., 306-668-4415, Vanscoy, SK.

**AAC SYNERGY**, Cert. top quality seed. Very high yielder, gaining acceptance with maltsters. Contracts available. Inquiries welcome. Gregoire Seed Farms Ltd, North Battleford, SK., cell 306-441-7851 or 306-445-5516. gregfarms@sasktel.net

**CDC COPELAND**, Fdn., Reg., Cert. top quality seed. Widely accepted malt variety. Inquiries welcome. Volume discounts. Gregoire Seed Farms Ltd, North Battleford, SK., cell 306-441-7851 or 306-445-5516. gregfarms@sasktel.net

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**CERTIFIED CDC ALLOY**. Good disease package. Printz Family Seeds, Gravelbourg, SK., 306-648-3511, 306-380-7769.

**CERT. FDN, REG. Precision; CDC Alloy; AAC Spitfire; Transcend**, all exc. germ., 0% fusarium. Fraser Farms 306-741-0475, Pambrun, SK. fcc@sasktel.net

**OATS 6410**

**EXCELLENT QUALITY CERTIFIED #1** CS Camden, Summit, CDC Minstrel, CDC Rufian, CDC Orrin, Frederick Seeds, 306-287-3977, Watson, SK.

**REGISTERED/CERTIFIED #1:** Summit Leggett, CDC Haymaker (Forage), Ardell Seeds Ltd., 306-668-4415, Vanscoy, SK.

**WHEAT 6419**

**EXCELLENT QUALITY CERTIFIED #1** CDC Landmark VB, AAC Viewfield, AAC Brandon, AAC Cameron VB, AAC Elie, Cardale and AC Andrew. Frederick Seeds, 306-287-3977, Watson, SK.

**REGISTERED/CERTIFIED #1:** CDC Landmark, AAC Brandon, AAC Jatharia, Cardale, CDC Utmost. Ardell Seeds, 306-668-4415, Vanscoy, SK.

**SY ROWYN** CPSR, Cert. top quality seed, high yielder with vg protein. All inquiries welcome. Volume discounts. Gregoire Seed Farms Ltd., North Battleford, SK., cell 306-441-7851 or 306-445-5516. Email gregfarms@sasktel.net

**AAC ELIE**, CWRS, CERT. top quality seed, sister wheat to AAC Brandon. Very high yielder with high protein. Positive reviews from growers. All inquiries welcome. Volume discounts. Gregoire Seed Farms Ltd, North Battleford, SK., cell 306-441-7851, 306-445-5516. gregfarms@sasktel.net

**AAC BRANDON** CWRS, Cert. top quality seed, very high yielder and protein. Highly recommended by growers. All inquiries welcome. Volume discounts. Gregoire Seed Farms Ltd., North Battleford, SK., cell 306-441-7851, 306-445-5516 or email: gregfarms@sasktel.net

**SELECT** CDC Go seed, hand picked from breeder seed. Contact: mastinseed.com Call or text 403-994-2609, Olds, AB.

**FORAGE SEEDS**

**ALFALFA 6425**

**TOP QUALITY CERTIFIED** alfalfa and grass seed. Call Gary or Janice Waterhouse 306-874-5684, Naicam, SK.

**OIL SEED**

**FLAX 6443**

**CDC GLAS**, Reg., Cert., top quality seed. High yield, exc. standability, easy to harvest. Great reviews from customers. Inquiries welcome. Gregoire Seed Farms Ltd., North Battleford, SK., 306-441-7851 or 306-445-5516. gregfarms@sasktel.net

**PULSE CROPS**

**LENTIL 6455**

**CERT. CDC IMPULSE**, CDC Proclaim, CDC Maxim, CDC Redmoon, CDC Greenstar. 98% germ, 0% disease. Fraser Farms, Pambrun, SK. 306-741-0475. fcc@sasktel.net

**PEAS 6458**

**REGISTERED/CERTIFIED #1:** AAC Ardill, CDC Inca, CDC Spectrum, CDC Limerick (green), CDC Proclaim Lentil (red). Ardell Seeds Ltd., 306-668-4415, Vanscoy, SK.

**CERT. CDC INCA**; CDC Greenwater, exc. germ. and disease. Fraser Farms, Pambrun, SK, 306-741-0475. fcc@sasktel.net

**SPECIALTY CROPS**

**MUSTARD 6462**

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**COMMON SEED**

**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**

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**WANTED: FEED GRAIN**, barley, wheat, peas, green or damaged canola. Phone Gary 306-823-4493, Neilburg, SK.

**WANTED: FEED BARLEY** Buffalo Plains Cattle Company is looking to purchase barley. For pricing and delivery dates, call Kristen 306-624-2381, Bethune, SK.

**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.

**HAY/STRAW 6510**

**ROUND ALFALFA/ALFALFA GRASS** solid core greenfeed 5x6 JD hay bales for sale. Call 306-237-4582, Perdue, SK.

**1ST & 2ND CUT** alfalfa round bales, nice green pure alfalfa, \$0.06¢/lb., Norquay, SK., 306-594-2362, sales@wamcoltd.ca

**200 HAY BALES** from 2016, 100 from 2015. Tame hay, 5x5.5", avg. 1300 lbs., good cond., tested. 204-223-9253, Sundown, MB.

**ALFALFA HAY:** 650 large rounds, 1350 lbs. avg., 1st cut, baled w/Vermeer 605N. No rain, netwrap, analysis available. \$130/ton. Call 306-537-2027, Regina, SK.

**DAIRY QUALITY ALFALFA** bales, 3x4 square, stored inside. 1st cut 201 RFV. 2nd cut 183 RFV. 3rd cut 193 RFV. Sold in semi loads. Delivery available. 204-746-4505, Morris, MB., siemens242@hotmail.com

**FIRST AND SECOND CUT** small square alfalfa bales, can deliver. 204-326-3109, Steinbach, MB.

**HAY FOR SALE**, Alfalfa/Timothy mix, large net wrapped bales, starting at .02/lbs; CO-OP 550 SP swather, 18", diesel eng., taking offers. 204-642-7684, Gimli, MB.

**1000 ROUND GRASS HAY** bales, net wrapped, avg. 1350 lbs., no rain, \$40 per bale OBO. 204-642-2572, Riverton, MB.

**LARGE ROUND BALES**, 5x6' alfalfa grass mix and alfalfa, 1st and 2nd cut. Feed test available. 204-749-2194, 204-526-0733, Rathwell, MB.

**300 ALFALFA GRASS BALES**, 1500 lbs., no rain. Ph 204-836-2434, Swan Lake, MB.

Syd



I have a tree fort but no WiFi access. How will this be fun?

**HAY/STRAW 6510**

**300 ROUND TAME HAY** bales, 1200 lbs., no rain, \$45 ea; 200 canary grass bales w/Alsike clover, 1200 lbs., no rain, \$35 ea; 150- 2016 tame canary hay bales w/Alsike clover, \$25 ea.; 150 wild hay bales, \$25 ea.; Farming 3 PTH 7" snowblower, \$1150 OBO. 204-767-2208, Silver Ridge, MB.

**HAY AND ALFALFA** round and large square bales for sale. Can deliver. Call 306-434-6038.

**TOP QUALITY HORSE HAY** in small squares, \$5; Also Alfalfa hay for sale, \$5. 204-734-5139, Swan River, MB.

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**CUSTOM HAULING**, Super B trailer with racks for hire, can haul up to 44 bales, 306-544-2598, 306-227-0744, Hanley, SK.

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

**HORSE QUALITY HAY** bales - small squares, grass or alfalfa. Call 306-290-8806, Dundurn, SK.

**LARGE ROUND** Oat straw bales net wrapped, \$40; Large grass & weed bales for sheep or buffalo, \$40. 306-283-4747, 306-220-0429, Langham, SK.

**REASONABLY PRICED HAY** in big squares. Variety of grades available, including greenfeed from newly established alfalfa stands and horse hay; 65 bales of 2015 crop at 10.2% protein. Can arrange for trucking. 306-320-1041, Leroy, SK.

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**FARM/RANCH 8016**

**FARM BOSS WANTED** at Stump Lake Ranch, Stump Lake, BC. Duties include: Seeding/Fertilizing/Irrigation/Harvesting crops for cattle & horse feed; Responsible for care & maintenance of all farm machinery & implements; Winter feeding of livestock; Passion for farming, equipment & ranch life a must; Compensation commensurate with skills and experience; Other farm duties as may be required. Submit CV/resume to: info@stumplake.com Suitable candidates will be contacted.

**FULL-TIME FARM LABOURER HELP.** Applicants should have previous farm experience and mechanical ability. Duties include operation of machinery, including tractors and other farm equipment, as well as general farm laborer duties. \$25/hour depending on experience. Must be able to cross US border. Location: Pierson, MB. Feland Bros. Farms, Greg Feland and Wade Feland, Box 284, Pierson, MB. R0M 1S0. 701-756-6954.

**GENERAL FARM WORKER:** Full-time position at Michaelsen Farms Ltd., 10,000 ac. farm in Lampman SK. Successful candidate has: Driver's licence w/clean abstract; Farming apprenticeship or equivalent education; Experience operating JD & Case equip. w/ability to program and operate JD's AMS technology. Duties include: Equipment & building maintenance; Seeding; Spraying; Swathing; Harvesting and tillage. Extended working hours during seeding, spraying and harvesting. English required. \$18/hr. Box 291 Lampman, 306-487-7816, michaelsen.farms@gmail.com

**FULL-TIME HERDS PERSON** REQUIRED on organic dairy farm. Duties include monitoring cattle health, artificial insemination & milking. Exp. required, 3 yrs. minimum as herd manager and diploma, \$15.50/hr. Mail resume: St. Brigids Dairy Ltd., 42352 Brandon Road, Brussels, Ont., N0G 1H0. stbrigidsdairy@gmail.com

**FARM/RANCH 8016**

**RIVER VALLEY SPECIALTY FARMS:** Seeking seasonal workers for 2018. Position will be seasonal full-time, 40+ hrs/week. Wage \$11.18/hour. Period of employment anticipated to be from April 2018 until August 2018. Duties include: Harvesting and packing of asparagus, planting and weeding of pumpkins, squash and onions as well as weeding of organic fields. Must be willing to work long hours and do repetitive tasks as well as bending and some heavy lifting. Applicants must be able to work in a variety of conditions in outdoor environments and must be able to work well with others. Education requirements not applicable, experience an asset. Location of work is MacGregor and area, Manitoba. Please apply by e-mail to: admin@rivervalleyfarms.ca or in writing to: Box 33, Bagot, MB. R0H 0E0.

**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.

**FARM LABOURER** WANTED near Goodeve, SK. Call 306-795-2710 or 306-795-5210.

**FULL-TIME RANCH HAND** wanted for cow/calf operation and caring for Draft horses. Experience an asset but can also train. Beautiful Lumsden, SK. area. Call 306-731-2821 or 306-596-0507.

**BEEF CATTLE OPERATION** in Central SK requires full-time year round help. Please send resume to blacklock@sasktel.net or 306-492-4833.

**ALTHOUSE HONEY FARMS INC.** 1/2 mile south Porcupine Plain, SK., 500 McAlister Avenue. 7 positions required for 2018 season, May to October. Wages \$13-\$18/hr. depending upon experience. Job duties: assisting in spring hive inspection, unwrapping, and splitting, supering, building supers and honey frames, honey removal and extracting, fall feeding, applying mite control and wrapping hives for winter. No education required. WCB coverage. Phone Ron Althouse 306-278-7345, Email: althousehoney@sasktel.net

**PASTURE MANAGER:** Now accepting Tenders for Smiley Grazing Corp Pasture Manager position. Duties will include, but not limited to all aspects of care and supervision of 1000 cow/calf pairs between May 1st to October 31st of each year. Modern home on premises. Tenders will close November 15th at Midnight. For more info., contact Wade Boisjoli at 306-460-9936, harmony.wade@sasktel.net; Or Jason Stimson at 306-628-8212, stimson99@sasktel.net

**HELP WANTED 8024**

**CLAYTON AIR SERVICE LTD** is seeking 2 Professional Turbine Helicopter Ag Pilots for the 2018 spray season flying a Jet Ranger, from June 1st - September 27th, completing aerial application on fields across Sask & occasionally other provinces. Requirements: Must be committed to entire season or make prior arrangements; Commercial helicopter licence; Provincial pesticide licence; Current aviation medical; Endorsement on Jet Ranger considered an asset and turbine experience preferred. Turbine experienced pilots will be given preference based on hours of experience, (500 hrs. Ag spraying required). If no suitable candidate is found training, mentorship and/or apprentice program will be considered for the right individual. Strong ability to adapt to changing situations and maintain a positive attitude with customers, co-workers, and supervisors. Strong communication and problem solving abilities, with quality service delivery as the utmost priority. Proficiency in English reading and writing. Capable of operating Satlock guidance systems or equivalent. Must be insurable. Accommodations and vehicle provided during employment. Wage \$60/hr. 40 hrs./week. Bonuses based on performance. Workers compensation provided. Contact Clayton Rempel, Clayton Air Service Ltd., Box 87, Leask, SK. S0J 1M0. Phone 306-497-7401, Fax 306-466-9994. Please e-mail resume to: applyclaytonairsk@gmail.com





## These are a Weird Growing Concern

*by Adrian Powell*

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			

## ACROSS

- 1 Big pile  
 5 Reactor centre  
 9 Lose one's composure  
 14 Nautically shielded, in a way  
 15 Word often heard in church  
 16 Durance who played Lois Lane  
 on "Smallville"  
 17 Ripped  
 18 Ace-high beater  
 19 "The Boy Who Cried Wolf" writer  
 20 Oft repeated farmer's adage: to  
 get a good crop means putting out  
 some effort?  
 23 Quite seemly  
 24 \_\_\_\_ Alamos N.M.  
 25 Get frisky by running your hands  
 over your canoes?  
 33 What the Ewings and Clampetts  
 had in common  
 34 Last month of the Jewish year  
 35 Zero, to Nero  
 37 As mentioned before  
 39 Party for Jagmeet Singh  
 41 Say it isn't true  
 42 Officially permitted  
 44 Luxury, to many  
 47 Light brown  
 48 Mantra of the never say die  
 grain farmer?  
 52 Would-be trout  
 53 Ventura or Lightning  
 54 Treat from the farmer's deli?  
 61 Blender setting

**DOWN**

- 1 Sombrero, e.g.  
2 Driverless car advocate Musk  
3 Popular Nestle product  
4 Snail mail buddy  
5 Where the US Congress meets  
6 Middle Eastern sultanate  
7 Bit connection  
8 Signs up  
9 Our only Nobel winning PM  
10 Painter's estimation  
11 It might follow a decree  
12 Small religious image  
13 Swimmer's head wear  
21 Important part of  
Westminster Cathedral  
22 Big lump of goo  
25 Thwart  
26 Down in the quilt  
27 Sad poem  
28 Sister Bertrille, for one  
29 Berry bearing tree  
30 Abet's partner  
31 Fraternity letter  
32 Part of Egypt that's in Asia

- 36 Centenarian singer Vera \_\_\_\_  
38 First African American in space  
\_\_\_\_ Jemison  
40 Cough up the dough  
43 Property crime  
45 Man-made routes for ships  
46 Apiece  
49 Venerable Japanese  
theatre genre  
50 Lower down  
51 Turning right on horseback  
54 Highspeed Olympic sport  
55 Egg on  
56 One of the noble gases  
57 Margarine, alternately  
58 Brainy loner  
59 Tiger's neck of the woods  
60 Starkist containers  
61 Where to wait for a service  
64 Spruce juice

### SOLUTION TO PUZZLE

W	E	E	N	O	R	D	S	G	A	S
E	E	G	G	E	R	E	Y	I	S	I
L	U	N	C	H	E	O	N	M	M	N
R	O	E	A	C	E					
R	E	A	N	D	R	E	A	G	A	N
L	E	G	A	L	E	A	S	E	T	A
I	D	E	M		N	D	P			
O	F	I	L	E	L					
F	E	L	S		B	S	O	A	T	S
N	O	N		L	O	S				
P	A	I	N	O	G	R	A	I	N	
T	O	R	N	P	A	I	R	A	S	O
A	L	E		C	A	M	E	N		
E	A	P		C	O	R	E			

## TAKE FIVE

# Sudoku

8		5	2	7		4		
1				4	8		6	9
	4					5	8	
		9		2	6			5
3								7
6			3	8		9		
	3	4					7	
5	1		7	6				4
		6		3	1	2		8

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!

**Last week's answer**

5	7	8	1	2	4	9	3	6
9	1	6	3	8	7	5	2	4
3	4	2	9	6	5	1	7	8
7	8	9	5	4	3	6	1	2
6	3	4	2	9	1	7	8	5
2	5	1	8	7	6	4	9	3
8	2	7	4	5	9	3	6	1
4	6	3	7	1	2	8	5	9
1	9	5	6	3	8	2	4	7

Puzzle by websudoku.com



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## USED EQUIPMENT [www.agdealer.com/raymorenh](http://www.agdealer.com/raymorenh)



851720

**\$339,000**

2013 New Holland CR9090 Combine, 620 DUALS, 750 REARS, TWIN PITCH ROTORS, DSP STONE TRAP, HID LIGHTS, LEATHER



851722

**\$327,000**

2013 New Holland CX8090 Combine, 520 DUALS, 600 REARS, CAST CYLINDER, HID LIGHTS, YIELD & MOISTURE, DIFF LOCK



857074

**\$357,000**


2015 New Holland CX8080 Combine, 815hrs, 520/85R42 DUALS, 600/65R28 STEERS, CAST DRUM, HID LIGHTS



853315

**\$179,000**

2009 New Holland CX8080 Combine, 1983hrs, 900'S, CAST, Y&M, CR SPREADERS, COLOR DISPLAY



858808

**\$308,000**

2014 Claas 740 Combine, 620/70R42 DUALS, 28L26 REARS, 402 HP, AUTO GUIDE READY, 16FT SWATH MASTER



856991

**\$144,000**


2008 Case IH 8010 Combine, 2940hrs, 900/60R32 DRIVES, DELUXE CAB, ELECTRIC SEIVE ADJ, LATERAL TINES



853314

**\$55,000**

1999 John Deere 9610 Combine, 2013hrs



853308

**\$192,000**

2010 John Deere 9770STS Combine, 2332hrs, 800'S DRIVE, 28L-26 STEERS, SMALL GRAIN, PICK UP HEAD



837542

**\$484,000**

2015 Versatile 500DT Tractor, 500DT DeltaTrack with 30" Agricultural Tracks, Deluxe Cab



858804

**\$388,000**

2014 Versatile 550DT Tractor, 590 PEAK HP, 30" TRACKS, 6 EH REMOTES, 110GPM 2 PUMPS, PTO, LUXURY CAB

**SWATHERS**

2007 JD 4895-36FT.....	<b>\$53,000</b>
1989 JD 590 .....	<b>\$3,500</b>
2012 MB M205-40FT .....	<b>\$125,000</b>
1999 MB 9200-30FT .....	<b>\$36,000</b>
2005 MF 9220-30FT .....	<b>\$44,000</b>
2015 NH SPEEDROWER 200-40FT....	<b>\$129,000</b>

**HAYING**

2001 BUFK 2500.....	<b>\$22,000</b>
1993 AH 565A .....	<b>\$7,500</b>
2004 NH BR780 .....	<b>\$6,000</b>
2014 LN 575H Manure Spreader.....	<b>\$27,321</b>
2014 NH H7460.....	<b>\$36,500</b>

**COMBINES**

2017 NH CR8.90 .....	<b>\$450,000</b>
2017 NH CR8.90 .....	<b>\$450,000</b>
2017 NH CR8.90 .....	<b>\$450,000</b>
2017 NH CR8.90 .....	<b>\$450,000</b>
2017 NH CR8.90 .....	<b>\$450,000</b>
2016 NH CR8.90 .....	<b>\$399,000</b>
2015 NH CX8080 .....	<b>\$357,000</b>

2015 NH CX8080 .....	<b>\$357,000</b>
2015 NH CX8080 .....	<b>\$357,000</b>
2013 NH CX8090 .....	<b>\$327,000</b>
2013 NH CR9090 .....	<b>\$339,000</b>
2012 NH CR9090 .....	<b>\$277,000</b>
2011 NH CX8070 .....	<b>\$199,000</b>
2010 JD 9770STS .....	<b>\$192,000</b>
2009 NH CX8080 .....	<b>\$179,000</b>
2008 CIH 8010 .....	<b>\$144,000</b>
2007 NH CR9070 .....	<b>\$149,000</b>
2006 NH CX840 .....	<b>\$118,000</b>
1999 JD 9610 .....	<b>\$59,000</b>

**COMBINE HEADS**

2000 CIH 1042-35 .....	<b>\$24,200</b>
2012 JD 635D .....	<b>\$47,000</b>
2015 NH 840CD-35 .....	<b>\$63,000</b>
2013 NH 840CD-35 .....	<b>\$49,900</b>
2013 NH 840CD-35 .....	<b>\$49,900</b>
2010 NH 74C-30F .....	<b>\$24,900</b>
2003 JD 936 .....	<b>\$27,000</b>
2012 MB FD70 FLEXDRAPER 35FT CNH	<b>\$67,000</b>
2010 NH 94C-42FT CR/CX .....	<b>\$65,000</b>

**SPRAYERS**

2013 NH S1070-SUSPENDED BOOM, 100 FT.	<b>\$29,500</b>
2013 JD 4730 .....	<b>\$249,000</b>
2015 NH SP.295F-1200GAL-100FT....	<b>\$325,000</b>
2013 NH SP.365F-1600GAL-120FT....	<b>\$299,000</b>
2012 NH SP.240F XP-1000GAL-100FT	<b>\$234,000</b>

**TRACTORS**

2014 VA 550DT .....	<b>\$388,000</b>
2014 VA 550DT .....	<b>\$388,000</b>
2013 NH T9.505HD .....	<b>\$276,000</b>
2012 NH T9.505 HD AG .....	<b>\$258,000</b>
2011 NH T8.275 .....	<b>\$155,000</b>
2008 NH TV6070 .....	<b>\$85,000</b>
2003 NH TG285 .....	<b>\$84,000</b>
2001 CIH STX440 .....	<b>\$132,000</b>
1997 CIH 9350 .....	<b>\$72,900</b>

**SEEDING**

2006 CIH ATX400 40-12 .....	<b>\$39,000</b>
2003 JD 1820 .....	<b>\$29,500</b>
2003 MR MAXIM II.....	<b>\$38,000</b>
1998 MR MAXIM .....	<b>\$25,900</b>

1997 MR MAXIM-50 .....	<b>\$29,500</b>
2007 SHAWK 50FT-10IN c/w 777 TBH	<b>\$99,000</b>
1995 FC 2320 .....	<b>\$13,000</b>

**MISC.**

ATV 2009 CK 100S.....	<b>\$9,250</b>
Wood Chipper 2014 CK CS3310 .....	<b>\$899</b>
Tiller 2009 FK 6582.....	<b>\$3,900</b>
Tires 2012 G0YR 380/90R46 .....	<b>\$-</b>
Track Loader 2013 CA TV380.....	<b>\$50,000</b>
Mower/Rotary Cutter 2014 BUFK Rotary Cutters	<b>\$3,000</b>
Mower/Zero Turn 2013 CK RZT S54....	<b>\$2,800</b>
Post Hole Digger 2011 BUFK Post Hole Digger	<b>\$1,900</b>
Snow Blower 2011 FK Y84 .....	<b>\$3,000</b>
Deep Tillage 2014 BO 8910-70' .....	<b>\$80,000</b>
Forklift 2004 SX SD 80.....	<b>\$64,000</b>
Grain Auger 2011 SK HD10-59 .....	<b>\$16,900</b>
Grain Bag Loader 2011 RICHG R10 ....	<b>\$18,396</b>
Grain Vac 2014 REM VRX .....	<b>\$21,500</b>
Grain Vac 2009 REM 2700 .....	<b>\$15,000</b>
Harrow Heavy 2015 ELMER Super 7 70FT...	<b>\$41,900</b>



837638

**\$409,000**

2015 Versatile 450DT Tractor, 30" TRKS, 556GPM, 6EH REMOTES, LUX CAB



856988

**\$132,000**

2001 Case IH STX440 Tractor, 520/85R45 DUALS, 16 SPEED PS, 556GPM, 4EH REMOTES, HID LIGHTS, DLX CAB, FM75



845425

**\$39,000**

2006 Case IH ATX400-40FT-12IN Air Drill, 40FT, 12" SPACING, 550LB TRIPS, 4" RUBBER PACKERS, 4-RUN TBH DOUBLE SHOOT



808504

**\$133,000**

2014 Elmers Haulmaster 1600 Grain Cart, 1600BU, TRACKS, TARP, PIVOTING AUGER, BLUE, SCALES



856996

**\$47,000**

2012 John Deere 635D-35FT Header, 35FT



837639

**\$249,000**

2013 John Deere 4730 Sprayer, 1065 HRS, 245 HP, 800 GALLON POLY TANK, 100FT BOOMS, 7 SECTIONS



857305

**\$325,000**

2015 New Holland SP.295F Sprayer, 1235hrs, 1200GAL, 100FT, 10SEC, SHARPSHOOTER, FM750, ULTRAGLIDE



807147

**\$234,000**

2012 New Holland SP.240F XP Sprayer, 4WD, 1050hrs, 275HP, 275HP, 1000 GALLON POLY TANK, 100/60FT 5 SECTION 20IN, 3-WAY



781371

**\$155,000**

2011 New Holland T8.275 Tractor, MFD, 1615hrs, 275HP, 18F/4R POWERSHIFT, 480/80R46 DUALS, 380/85R34 FRONTS



856997

**\$276,000**

2013 New Holland T9.505HD Tractor, 710/70R42 IF FIRESTONE DUALS, 576GPM PUMP, 5 REMOTES, LUXURY CAB, INTELLISTE

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Fax: 306-782-5595