



THE DRONE REVOLUTION JUST GETTING STARTED

Agriculture is on the cusp of a brand new era, says expert » PG 2

VEGREVILLE SCORES BIG WITH TWO NEW ELEVATORS

Grain company boss predicts competition for grain will intensify » PG 3

CHECK OUT OUR ANNUAL BULL BUYERS GUIDE

Western Canada's All Breeds Bull Sale Source



IN THIS ISSUE » SEE PAGE 65

Publications Mail Agreement # 40069240

Alberta Farmer

Your provincial farm and ranch newspaper

VOLUME 14, NUMBER 5

FEBRUARY 27, 2017

WWW.ALBERTAFARMEPRESS.CA

EXPRESS

COVER CROPS:
The potential is huge, but so is the learning curve

Those looking for a one-size-fits-all solution will be disappointed

BY GLENN CHEATER
AF STAFF

Looking over at the emptied room that had been packed with attentive farmers a few minutes earlier, cover crops guru Kevin Elmy could only shake his head.

"If I had given a talk here five years ago, maybe the front row might have been filled — maybe," the Saskatchewan farmer said after his FarmTech presentation,

SEE COVER CROPS » page 7

INPUTS AND IRON: Relentless price hikes squeeze producers

When crop prices soared, so did costs — and they stayed high even as farm revenues fell back to earth

BY JENNIFER BLAIR
AF STAFF

Record-high grain and oilseed prices are a speck in the rear-view mirror, but they've left a legacy of higher costs.

"When we see higher grain prices, we can expect to pay higher inputs," said Scott Keller, a mixed grain farmer near New Norway.

"All the companies selling crop inputs look at farmers' margins and then basically increase their prices to see what the market will bear. They gobble up a good chunk of that extra profit when we see those higher grain prices.

"We can pretty much bank on that happening every time we see an increase in commodity prices."

From 2013 to 2016, barley prices fell six per cent, wheat went down 15 per cent, and canola dropped 18 per cent, according to provincial statistics. During the same period some inputs also fell (urea by 11 per cent and wheat and barley seed by three and five per cent respectively) while others rose (an 11-51-0 fertilizer blend is up by 10 per cent and Roundup Ready canola seed costs eight per cent more).

INPUTS AND IRON » page 6



When farm revenue goes up, farm equipment and input companies are quick to raise prices, says Scott Keller. But when it comes to those costs, what goes up rarely comes down, he notes.

PHOTO: SUPPLIED

FUSARIUM FORECAST

MORE AND POSSIBLY LOTS MORE » PAGE 20

— The Incredible —
BAYER OFFER
CEREAL HERBICIDE EARLY BOOK

SAVE UP TO \$2/ACRE

Book participating Bayer Cereal Herbicides by **March 17, 2017** to qualify.
..... ASK YOUR RETAILER FOR DETAILS

INSIDE »

LIVESTOCK

CROPS

COLUMNISTS



MILLENNIAL GET-TOGETHER CLOSES THE GAP

Young farmers and urbanites linked by a passion for good food

52



A NEW DAY FOR RAIL POLICY OR THE SAME OLD, SAME OLD?

Rail expert says tinkering needs to give way to meaningful change

26

HAVE A PLAN AND HARVEST BOUNTIFUL FORAGES



The saying 'a goal without a plan is just a wish' applies to pastures

12

HERBICIDE RESISTANCE SHOWING UP EVERYWHERE



And the billion-dollar bill for combating these weeds is only going to rise

17



BRENDA SCHOEPP

THE CHICKEN WING CRAZE SHOWS WHAT CLEVER MARKETING CAN DO

5



GORD GILMOUR

ABANDONING THE BIOFUEL PUSH WOULD HAMMER CROP PRICES

4



ALAN GUEBERT

DONALD TRUMP REALLY ISN'T A POLITICIAN — HE KEEPS HIS PROMISES

5

TURNING DATA INTO ACTION: The last big challenge for drones

Advanced technology to spot disease, pest, and health issues early on is already here — but using that data still has many challenges

BY JENNIFER BLAIR
AF STAFF

Sure, drones are cool and all. But when it comes to your farm, it's all about the data they gather — and figuring out how to use all that info.

"Ultimately, that is what's going to change the way we manage our crops, by giving us better information about them," Markus Weber, president of Edmonton-based LandView Drones, said at the recent FarmTech conference.

And for an eye in the sky, it starts with the camera.

"We start with the sensor, and then find the drone that can carry that sensor reliably, and then lastly package in all the software you need to use it effectively," said Weber, whose company sells drone packages ranging from \$2,250 to \$17,850 plus GST.

Drones — or unmanned aerial vehicles (UAVs) — can, among many other things, measure the size of silage pits, count animals, check crop health, determine yield potential, assess hail damage, and compare crop trial strips.

But more importantly, they offer "a lot more insight into what is going on in that field," by using near-infrared sensors that provide a Normalized Difference Vegetation Index (NDVI), which measures vegetation and, hence, crop health.

"Healthy and unhealthy plants reflect that kind of light differently," said Weber, adding that near infrared is the "magic sweet spot for plant health."

"You're taking in stuff you can't see with the human eye, and that's giving you more insight into your crops."

This takes crop scouting to an entirely different level and using drones in mid-season is perhaps "the biggest use for this thing," said Weber.

However, that also means employing precision ag techniques since you'll want to tailor your pesticide, fungicide, or in-crop fertilizer applications to the scouting info from the drone.

"Unfortunately, not a whole lot of people have adopted variable rate wholeheartedly, and I think a big part of that is it's difficult to manage all that data," he said. "Data acquisition has been difficult, and I think drones will eventually change that, especially as they get even easier to use."

Satellite images have their uses, especially at the start and end of the



The big payback from drones will come when software can analyse data and recommend practical, effective remedies, says Markus Weber of LandView Drones. PHOTO: THINKSTOCK

growing season, said Weber. But while they're low cost and don't require an operator, their lower-resolution images limit their usefulness mid-season.

"At the start of the season, for variable-rate fertilizer or seeding, satellite is as good as UAV or better," he said. "For those types of zones, you can establish that with satellite imagery. It's the same thing with post-harvest. There really isn't too much to do with a drone there."

"But UAVs excel with all the other stuff that's happening mid-season."

Getting very precise

Drones can detect insects and disease early on with astonishing detail.

"If you fly this really low and slow at 40 metres above the ground, it will use the NDVI to count individual plants," said Weber. "It will give you a population count of the entire quarter section — not an estimate, a count."

"That is especially useful if you're growing some high-value crops and hybrids where germination is an issue. Double-checking those kinds of things makes a whole lot of sense."

And when used for crop scouting, drones do a better job. Someone scouting on foot might use a diamond

or a W-pattern or, if short on time, go straight to known problem spots.

"That's what we all do. We need to be fast, but it's not the same level of insight," he said. "This lets you get a look at your whole field mid-season, when normally we lose sight of our field when the crops get knee deep. Realistically, we don't see the back end of our canola mid-season."

It only takes a couple of minutes to "get you airborne," he added.

"If you've been walking that field for 20 years, that will give you insight. It will get you to places in that field that you didn't typically go to."

Though drones with near-infrared sensors have dropped in price, high-end packages (drone, sensor, and software) can come with price tags pushing \$20,000. But if used effectively, the payback can justify that expense, said Weber.

"Drones just let you see your farm in a different light. You will see problems you just didn't know you had before," he said. "It lets you confirm your own management decisions — and that double-check on equipment and management decisions is worth a lot of money. For one problem you fix with equipment, that's thousands of dollars right there."



"Drones just let you see your farm in a different light. You will see problems you just didn't know you had before."

MARKUS WEBER

The caveat

But so far, drone software hasn't advanced as far as sensors have.

"A lot of the drone hype you'll hear out there is 'fly to apply' or 'from drone to tractor,'" said Weber.

"Yes, they do create the ability to move data because they're all cloud-based systems, but there is no software out there right now that is going to effectively, in my opinion, go straight from a GeoTIFF map to an effective prescription."

That functionality may be coming in the next few years, but it's not there yet, he added.

"I think we're going from spotting where the problems are to telling you what that problem is. You're going to be able to see individual weed species and create a map of them."

But right now, there are too many factors that go into making an effective prescription.

"Ultimately, this is where there needs to be a person involved," he said. "Regardless of the fact that there's data flow, you want a person in there making those decisions. And in a lot of cases, it's the person who farms the land."

jennifer.blair@fbcpublishing.com

Cereal commissions launch mentorship program

STAFF

The province's two main cereal groups are launching their version of a mentorship program that has already been a proven success in the beef sector.

"The AdvancingAg Future Leaders program is about fostering a strong network of future agriculture leaders for a progressive and vibrant cropping industry in Alberta," Kevin Bender, vice-chair of the Alberta Wheat Commission, said in a release.

Like Cattlemen's Young Leaders program, the program pairs young producers (aged 18 to 35) with leaders in the sector "who can share their knowledge and experience and facilitate key professional development opportunities." The program lasts a year, with mentees selected by a committee and then paired with a mentor based on their interests and career goals.

"We felt it was important to launch a program like this for the cropping sector because we want to advance the skills of young agri-professionals as they start their careers and provide them with industry-specific training, networking, and learning opportunities," said Alberta Barley vice-chair Dave Bishop. "The program will be flexible and tailored to the goals and aspirations of the mentee."

Applications, available at www.advancingag.ca, must be submitted by March 13. Eight mentees will be selected this year, with that number expected to grow to 15 in subsequent years. Each mentee will also receive funds for professional development opportunities.

The deadline for the Cattlemen's Young Leaders program is March 31. Applications can be found at www.cattlemensyoungleaders.com. The website also has lists of mentees and their mentors going back to 2010.

Need for speed is the key to Vegreville's two new elevators

Viterra's and GrainsConnect Canada's new facilities will both be able to load huge unit trains in little more than half a day

BY GLENN CHEATER
AF STAFF

Vegreville will soon be home to two new high-throughput elevators, and the demise of the Canadian Wheat Board is a big reason why, says the head of GrainsConnect Canada.

The company's two owners — Japan's Zen-Noh Grain Corp. and Australia's GrainCorp — both want access to Prairie grain and that prompted the decision to spend \$120 million on four grain terminals in Alberta and Saskatchewan, said Warren Stow.

"It's very difficult in Western Canada, given that you have a closed loop supply chain," Stow said from his Calgary office. "We don't have access to Viterra's supply chain or Richardson's or Cargill's, P&H's, and Paterson's. In order to access the grain, you pretty much need to build out a supply chain of your own."

"That's become very apparent in the last three or four years post-deregulation and I think that's why you're seeing a number of folks spend some capital to access that grain."

Just days after GrainsConnect announced its plans for Vegreville, Viterra said it, too, will build a new elevator near the town of 5,700. Both facilities will feature a loop track rail system, have a storage capacity of 35,000 tonnes, and be able to load 130 or so rail cars in little more than half a day.

In fact, all four of GrainsConnect's facilities will be largely identical. The first one, at Maymont, Sask., is due to be operational this fall, while Vegreville and one at Wilkie, Sask. are slated to be completed in 2018. An announcement on a second Alberta location will happen by mid-April or earlier, Stow said. (The company previously announced plans to build near Bowden before putting that project on hold last fall.)



GrainsConnect Canada's four new elevators and loop tracks — all virtually identical to the one currently under construction at Maymont, Sask. — are designed to greatly speed the transportation of Prairie grain.

PHOTO: GRAINSCONNECT CANADA

While his company's bid to have "the first site in the region with a 130-car rail loop" will now depend on who finishes construction first, the key issue is that these types of facilities will change the nature of grain transportation, Stow said.

"We have a vision to change how grain moves out of Western Canada, and CN is very supportive of that vision. These loop tracks and 135-car unit trains will be the most efficient way to move grain to the West Coast."

Stow predicted competition between grain companies will intensify further and more elevators will be built.

"For us, it will be get out there; get out early; start engaging the community and the growers; and work hard to deliver service to the growers."

Viterra said it plans to start construction in spring while GrainsConnect is looking at a start in mid-year.

Vegreville's closest federally licensed high-throughput elevator is Richardson Pioneer's facility at Lavoy, about 15 kilometres southeast of town. Viterra operates high-throughput elevators at Star (65 kilometres to the northwest), Killam (100 kilometres south) plus smaller elevators at Vermilion and Camrose. — *With staff files*

"In order to access the grain, you pretty much need to build out a supply chain of your own."

WARREN STOW



SeCan

Canada's Seed Partner

One smooth cowboy.
Put **CDC Maverick** to work for you.

- ✓ smooth awned 2-row feed/forage barley — partner to CDC Cowboy
- ✓ smooth awn for improved palatability
- ✓ tall plant type with top forage/silage yield
- ✓ well-suited for dry areas or low input production

Genes that fit your farm.®

800-665-7333 secan.com



Developed by Crop Development Centre, University of Saskatchewan.
Genes that fit your farm® is a registered trademark of SeCan.



Alberta Farmer

EDITOR

Glenn Cheater
Phone: 780-919-2320
Email: glenn.cheater@fbcpublishing.com
twitter: @glenncheater

REPORTERS

Alexis Kienlen, Edmonton
780-668-3121
Email: akienlen@fbcpublishing.com
Jennifer Blair, Red Deer
403-613-7573
Email: jennifer.blair@fbcpublishing.com

CIRCULATION MANAGER

Heather Anderson
Email: heather@fbcpublishing.com

PRODUCTION DIRECTOR

Shawna Gibson
Email: shawna@fbcpublishing.com

DIRECTOR OF SALES

Cory Bourdeaud'hui
Email: cory@fbcpublishing.com

NATIONAL ADVERTISING SALES

Jack Meli
Phone: 647-823-2300
Email: jack.meli@fbcpublishing.com

LOCAL ADVERTISING SALES

Tiffany Taylor
Phone: 204-228-0842
Email: tiffany.taylor@fbcpublishing.com

CLASSIFIED ADVERTISING SALES

Mitchell Tityk
Phone: 1-888-413-3325 Fax: 204-944-5562
Email: classdisplay@fbcpublishing.com

ADVERTISING CO-ORDINATOR

Arlene Bomback
Phone: 204-944-5765 Fax: 204-944-5562
Email: ads@fbcpublishing.com

PUBLISHER

Lynda Tityk
Email: lynda.tityk@fbcpublishing.com

EDITORIAL DIRECTOR

Laura Rance
Email: laura@fbcpublishing.com

PRESIDENT

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

THE ALBERTA FARMER EXPRESS is published 26 times a year by Glacier FarmMedia LP. We acknowledge the financial support of the Government of Canada through the Canada Periodical Fund of the Department of Canadian Heritage.

Publications mail agreement number 40069240

CANADIAN POSTMASTER:

Send address changes and undeliverable addresses (covers only) to Circulation Dept., P.O. Box 9800, Winnipeg, MB R3C 3K7

ISSN 1481-3157

Call 1-800-665-1362

or U.S. subscribers call

1-204-944-5568

For more information on THE ALBERTA FARMER EXPRESS and subscriptions to other Glacier FarmMedia LP products, or visit our web site at:

www.albertafarmexpress.ca

or email:

subscription@fbcpublishing.com

At Glacier FarmMedia LP we are committed to protecting your privacy. Glacier FarmMedia LP will only collect personal information if it is required for reasonable purposes related to our business operations. As part of our commitment to enhance customer service, we may also share personal information with our affiliates or strategic business partners. For more information regarding how we collect, use and disclose personal information, please refer to our Privacy Policy at <http://farmmedia.com/privacy-policy>, or write to: Privacy Officer, Glacier FarmMedia, P.O. Box 9800, Station Main, Winnipeg, MB R3C 3K7.

Occasionally we make our list of subscribers available to other reputable firms whose products and services might be of interest to you. If you would prefer not to receive such offers, please contact us at the address in the preceding paragraph, or call 1-800-665-0502.

The editors and journalists who write, contribute and provide opinions to ALBERTA FARMER EXPRESS and Glacier FarmMedia LP attempt to provide accurate and useful opinions, information and analysis. However, the editors, journalists, ALBERTA FARMER EXPRESS and Glacier FarmMedia LP cannot and do not guarantee the accuracy of the information contained in this publication. Use or non-use of any information is at the reader's sole risk, and we assume no responsibility for any actions or decisions taken by any reader of this publication based on any and all information provided.

OPINION



This U.S. policy debate could hit you where it hurts – the wallet

If Washington puts the brakes on the biofuel bandwagon, the repercussions will be felt in every grain-growing region in the world

BY GORD GILMOUR
MANITOBA CO-OPERATOR EDITOR

What would a world with another 400 million bushels of corn on the market look like?

I am willing to bet that the grain growers among our readership just felt a small blood pressure spike at the very thought, anticipating dramatically lower crop prices.

That figure represents the portion of the U.S. corn crop converted to biofuels annually. However, the world's oil producers and refiners have made it more than clear they'd love to see that stop.

The oil companies have attacked the mandates as wasteful, unnecessary, a subsidy by another name, and the fuels themselves as inferior energy sources that could be damaging to engines. They've also challenged the assertion they're environmentally friendly.

Proponents have responded the industry creates jobs, lowers harmful emissions and keeps a portion of the US\$1 trillion spent on motor fuel annually at home rather than shipping it overseas to unfriendly regimes.

Like all political fights, both sides seem intent on presenting the facts in the most positive light possible to make their case. But making their case both sides are.

It's become enough of an issue that even former U.S. agriculture secretary Tom Vilsack, a noted biofuels proponent, recently fretted publicly about their future. In an editorial board meeting with the *Des Moines Register* just before Christmas, Vilsack said he's begun to see mixed signals about the U.S. Renewable Fuels Standard, pre-dating even the contentious U.S. election. Vilsack even went so far as to indicate he's "concerned" about the future of the U.S. biofuels mandate.

The Trump administration's appointments to key cabinet positions haven't been much source of comfort. The newly elected president has nominated two fierce renewable fuel foes to key positions — former governor of Texas Rick Perry has been tapped to head up the Energy Department and Oklahoma Attorney General Scott Pruitt is slated to run the U.S. Environmental Protection Agency.

There's little doubt an elimination, or even just a reduction, in the U.S. biofuel mandate would be disastrous for the grain sector. When the mandates became reality with the U.S.'s Energy Independence and Security Act of 2007, the effect on grain prices globally was immediate, pronounced and extremely positive. Between 2006 and 2008 average world prices for rice rose by 217 per cent, wheat

by 136 per cent, corn by 125 per cent and soybeans by 107 per cent, according to USDA data.

In the ensuing years, farmers around the world have responded to that price signal like they always do. They've upped their game, made investments to grow their productivity, and met that demand. In 2006, the U.S. produced 10.5 billion bushels of corn. In 2016, it produced 13.6 billion bushels, according to USDA data.

Similar, and even greater, production increases can be seen in other locations around the world. Ukraine corn yields, for example, have more than doubled in the last 15 years.

That country is a relatively small producer, but that figure underlines just how much potential there has been to increase yields globally.

We've seen very similar results in other crops as well.

The Black Sea region, once a major grain importer under the Soviet system, has become a fiercely competitive wheat exporter. Presented with the first meaningful price signal since shaking off the shackles of that moribund economic system, farmers there responded by quickly adopting technology and genetics to spike yields.

It's too soon to say for sure that the U.S. mandate is doomed. Plenty of people support the

policy, and the renewable energy industry is finding its feet in the lobbying game and inevitable propaganda war. Vilsack himself had earlier predicted there would be a lot of sabre-rattling but no concrete action, and despite his growing alarm, that may still be the case.

But it is clear that the policy is back in play and must be protected. In Canada there's only been a few shots fired so far, but the industry will need to respond, or risk being overlooked.

There's little anyone on this side of the border can do to influence the U.S. decision, so the best course of action is likely going to be hoping for the best while preparing for the worst.

That means playing defence, keeping a careful eye on the bottom line, and using current conditions to prepare for future challenges.

For example, interest rates remain very low, so paying off debt now might make a lot of sense. Another similar wind at the back of the sector is the lower value of the loonie. It has lost about 25 per cent of its value, protecting Canadian farmers from lower global grain prices.

What the sector shouldn't do is blithely assume the mandates will continue forever. If recent geopolitical events have taught us anything, it should be to expect the unexpected.

gord.gilmour@fbcpublishing.com

Wheat growers support free trade

U.S. farmers should have the opportunity to sell into the Canadian system on fair and equal terms

BY LEVI WOOD AND
JASON SCOTT

WCWGA AND U.S. WHEAT ASSOCIATES

Since the end of the Canadian Wheat Board's government monopoly control over the marketing of western Canadian wheat, there has been a great deal of change in the Canadian wheat industry and positive modernization of many regulations.

One of the most significant changes to come from marketing freedom for wheat farmers has been the growth in sales of Canadian wheat into the U.S. market.

Currently, Canadian farmers delivering wheat into the U.S. receive equitable treatment with grain grown south of the border. However, because of legislation and regulation that existed for years before the marketing freedom changes came to Western Canada, U.S. producers who currently deliver wheat into Canada automatically receive the lowest grade, regardless of the quality or variety of grain, even if the variety is registered in Canada.

Our organizations, the Western Canadian Wheat Growers Association and U.S. Wheat Associates, have been working together to



Should U.S. wheat be treated on par with Canadian wheat?

PHOTO: CREATIVE COMMONS/JIMZ47

urge the House of Commons to address open, cross-border wheat trade, and we support updating the law to ensure wheat is treated consistently on both sides of the border.

As farmers, we want access to the most competitive wheat markets, but this often is not the case for U.S. wheat farmers near the Canadian border. Some of these farmers live closer to a Canadian grain elevator than an American one but cannot take advantage of selling their wheat into the bulk grain-handling system in Canada, and the Canadian marketing sys-

tem cannot access these U.S. supplies.

In a typical production year, USDA estimates show that over three million tonnes of wheat are produced in the U.S. within 50 miles of a Canadian elevator.

This inequity has created significant concerns in the Canadian and U.S. wheat industries, especially given the potential of reopening the North American Free Trade Agreement (NAFTA). A free flow of grain in both directions will improve the efficiency of the grain-handling systems in both countries and eliminate

artificial price distortions that frustrate farmers and can cause ill will.

Grain producers in both countries have worked hard to maintain a good relationship and these ongoing concerns need to be addressed to prevent any future trade restrictions, which would be bad news for farmers and industry on both sides of the border.

Our organizations and farmers on both sides of the border strongly support co-operating to ensure an open market. Last year, we also worked together to recommend that the Regulatory Cooperation Council and the Pacific NorthWest Economic Region work to address this trade disparity.

We hope that work on this subject in the House of Commons can result in free and equitable wheat trade across the Canada-U.S. border. That would be good news for grain growers, the wheat value chain, and consumers in both countries.

Levi Wood is president of the Western Canadian Wheat Growers Association and is a wheat farmer in Saskatchewan. Jason Scott is chairman of U.S. Wheat Associates and is a wheat farmer in Maryland.

OPINION



Chicken industry takes wing on some very creative marketing

Lowly chicken wings used to be a big problem for processors, now they are a huge and growing source of profits

BY BRENDA SCHOEPP
AF COLUMNIST

If there is one thing that North Americans love to eat — it is chicken wings. During the Super Bowl game alone, one billion wings are consumed along with an ocean of beer. Canadians are right in there chowing down on the once tossed tidbit, and continue to eat a few birds each year themselves.

In the U.S., wings sales top US\$839 million each year with cooked wings from the deli bringing in another \$633 million. The hotter the wing, the hotter the demand — and sales of the scorchers prove it to be so.

But the real flight in wings is in the natural and organic categories with sales of natural wings up more than 90 per cent and organic chicken wings up 21 per cent to 46 per cent (depending on the region in the U.S.).

It is pretty obvious that the wing platter is no longer just for the beer-guzzling sport fanatic as now 30 per cent of all classes of restaurants offer a winged plate.

Canadians and Americans alike love

chicken and 90 per cent of them eat it regularly. In Canada per capita consumption is strong at 31.86 kilograms annually, with more than 60 per cent of the birds being produced in Ontario and Quebec.

What has changed with chicken is the way it is raised and how quickly it grows.

Certainly there are condemned wings but there is also a problem with one out of every 10 birds having a 'woody' breast (with hard or woody fibres in the meat). The problem has scientists and nutritionists scratching their heads, but it looks like a little slower growing period at the front end along with diet changes could circumvent a lot of the issue.

Consider that in 1925 it took almost 45 days for a broiler to gain a pound of weight. Today it takes 7.7 days for the same performance. And, the birds are bigger. In 1925, the average finished broiler was a featherweight at 2.5 pounds while the same bird today weighs in at 6.24 pounds.

Woody breast is particularly evident in these heavier birds. Much of this product ends up ground.

Still, with nearly 90 per cent of Canadians and Americans eating chicken, it is easy to see why all portions of the bird,

and particularly wing sales, are taking flight. And sales have managed to hold their own despite year-on-year increases in chicken prices.

But that steady price has created its own set of problems.

Lawsuits filed in Chicago claim that a group of large chicken processors, which collectively controls 90 per cent of the chicken production in the U.S., has colluded to keep prices high. The claim is that these companies co-ordinated contracts and plant closures, and even broke eggs and killed hens to control the supply. The lawsuit alleges that's driven up prices by 50 per cent since 2008.

These companies are praying they stay out of the pen but it is hard to reconcile the massive increase in productivity with the rising cost of chicken. The squawking has attracted a flock of lawyers that is circling the wagons. And yet, despite all the flapping, and the suspicion and worry about co-ordinated supply — folks are still buying a lot of chicken — and they are especially fond of wings at home, in the restaurant and at the deli counter.

Let us hope that the investigations do not uncover the unnecessary destruction of eggs and hens that is outside of normal

business practice. If found, the industry itself may find new regulations that make the cost of business more expensive and with the transparency involved, will experience some difficulty passing that along to the consumer. Woody breast may involve the production of a little smaller bird and that could also influence supply. There is a host of possibilities here.

An old argument of what comes first — the chicken or the egg — could tie up this case in the courts for years.

But there is one thing for certain: An industry that can sell chicken balls, chicken fingers and flavoured wings (that are mostly bone) while folks pay a premium for those meals has some creative minds in the home office. When it all comes to roost, I imagine folks will still eat chicken — particularly Canadian chicken, whether in conventional, natural and organic form — because they want to.

Brenda Schoepp is a farmer from Alberta who works as an international mentor and motivational speaker. She can be contacted through her website www.brendaschoepp.com. All rights reserved. Brenda Schoepp 2017



Give the new president credit — he aims to keep his promises

You can always count on politicians to break their promises once in office — but Trump doesn't see himself as a politician

BY ALAN GUEBERT
FARM AND FOOD

Of all the words used to describe President Donald J. Trump during his first weeks in office — bold, boastful, alternative facts — here are two that almost no person or pundit uttered: promise keeper.

Love him or loathe him, Trump took no time in checking off key items from his unconventional campaign's list of unconventional promises.

Toss out the Trans-Pacific Partnership (TPP): check.

Start process to build a wall: check.

Impose "extreme vetting" on immigrants and refugees from various Muslim-majority countries: check.

Gut the Environmental Protection Agency: check is on its way.

Congressional Republicans kept their mouths politely shut when the president acted on the list's first two items. Free trade and free access to much-needed, cheap labour — legal,

reportedly legal, or other than legal — are core conservative principles but, their silence seemed to say, 'It's the president's first week so we'll act like we didn't hear him.'

Farm leaders, however, with both more to lose and more courage than their Trump-shrunk congressmen and senators, howled when Trump announced his TPP-killing action.

These Big Ag, mostly Trump backers very well knew Candidate Trump had made that promise but they very well didn't know President Trump would keep his promise. What backslapping politician ever does?

But Trump doesn't see himself as a politician. In fact, neither do most farmers and ranchers who overwhelmingly voted for him because, as they said in poll after poll, "He's not a politician; he's like us, a businessman."

They were right — on both counts. So, stick a fork in TPP; it's cooked because Trump thinks it's bad business.

He later signalled the same fate for T-TIP, the not-yet-finished euro-centred Transatlan-

These Big Ag, mostly Trump backers very well knew Candidate Trump had made that promise but they very well didn't know President Trump would keep his promise.



tic Trade and Investment Partnership between the U.S. and the European Union.

If these trade-smacking moves were too subtle to ag's free traders, the president gave all another red-hot dose of his promise-keeping serum last month when he endorsed a 20 per cent "border tax" on imports entering the U.S. from free trade partner Mexico.

The border tax, explained White House press secretary Sean Spicer, is less about our "ridiculous" — yes, he said "ridiculous" — free trade policy and more about, well, one tall, beautiful wall between the U.S. and Mexico.

"Right now our country's policy," said Spicer, "is to tax exports and let imports flow freely in, which is ridiculous. By doing that (20 per cent border tax) we can easily pay for a wall just through (sic) mechanism alone."

A border tax to pay for a border wall, however, wasn't one of his boss's campaign promises and it caught American Big Ag leaders and Enrique Pena Nieto, the president of Mexico, flat-footed. Nieto immediately cancelled a planned White House meeting with Trump.

Still, after so much awful ag-related trade news from the White House, there is good news in its terrible border tax idea, says *New York Times* columnist Paul Krugman, a Nobel Prize-winning economist and no Trump acolyte (he calls President Trump "Agent Orange").

First, explains Krugman, any border tax "can't be country specific" — aimed solely at, say, Mexico — therefore it cannot be imposed and will never pay for any border wall anywhere.

Second, a border tax "might well be considered WTO illegal" because the World Trade Organization often views it as "a combined export subsidy and import tariff." Neither is allowed under WTO rules signed by both Mexico and the U.S.

So, a border tax is no bueno no matter what the White House says.

But that fact won't quiet American farmers and ranchers. They made a quid pro quo when they voted for the non-politician Trump: We'll risk your populist, anti-trade babble in return for a favourable rewrite of the tax code, a dehorning of the EPA, and a 2018 extension of today's revenue-based crop insurance programs.

So far they've got the quid right in the eye — just as Trump promised. What's next is anyone's guess.

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

INPUTS AND IRON ▶ from page 1

But it's over the longer term that you really see the effects of price creep, said Keller.

"In 2008, InVigor canola seed was just below \$6 a pound, and you could buy some Canterra Roundup Ready for \$5.60 a pound, and those were hybrid varieties," said Keller.

"For your clubroot-resistant varieties — which is what we grow around here — and any of your other hybrids, no matter what the company is, they're in that \$11-a-pound range. They're almost double. That's over eight or nine years."

On his grain farm near Fort Macleod, Stephen Vandervalk is welcoming the rare sight of price drops for a few of his inputs.

"This year was one of the first years where we saw fertilizer had decreased quite significantly. Even some of the canola seed packages have come down in price from last year," said Vandervalk.

"But in a 10-year period, there's no doubt costs have gone absolutely through the roof. Since 2006 to now, you used to buy urea for \$240 to \$250 a tonne, and in general, we've been sitting around that \$500 to \$600 mark for urea in the last three or four years.

"That's up double or triple from 10 or 15 years ago."

Equipment prices

But it's the cost of iron where producers are noticing the biggest jump. Over the last three years, new Class 7 combines have risen in price by 21 per cent, while tractors have increased between 29 and 40 per cent, depending on the model.

"Farm equipment is probably the worst increase — lots of farm equipment has doubled or tripled in cost over the last 10 years," said Vandervalk. "When's this going to end? You can't just keep going like that."

"You can't have 20 per cent inflation on equipment over the last five to 10 years, because you're not seeing 20 per cent inflation on your commodity prices. It definitely can't continue. It's not sustainable for sure."

Vandervalk last bought a new combine in 2011, with a price tag of \$287,000. In 2016, that same combine was around \$470,000, and while some of those costs are a result of improved emission controls, the machines "haven't really had many differences over the last five years," he said.

"It's not quite double in five years but almost, and you can argue that that combine isn't all that much different. It's a little nicer inside, but as far as capacity, it's definitely not more than five per cent higher."



"Lots of farm equipment has doubled or tripled in cost over the last 10 years," and that's just not sustainable, says Stephen Vandervalk. PHOTO: SUPPLIED

"You can't have 20 per cent inflation on equipment over the last five to 10 years, because you're not seeing 20 per cent inflation on your commodity prices."

STEPHEN VANDERVALK



Now that cattle prices are off their record highs, Kevin Steeves figures he's making the same money as his dad did prior to BSE. PHOTO: SUPPLIED

Swathers have also more than doubled in price, he added.

"You could buy a swather 10 years ago for \$60,000 or \$70,000, and when they hit \$100,000, we thought that was ridiculous," said Vandervalk. "Within three years, they were at \$160,000 and now, they're close in at \$200,000. They've almost tripled."

"They are quite a bit more productive than the old ones, but some of those old ones are pretty good yet."

For Kevin Steeves, who's been farming for five years, "the sticker price is more of a sticker shock."

"We're on the used market, and that's gone a little bit higher," said Steeves, who has a mixed farm near Rimbey.

"We went to replace our loader tractor, and it was \$200,000 to replace. For 100 cows, that just wasn't feasible, so we ended up going with a smaller tractor and

buying a used loader to kill two birds with one stone."

And while the equipment costs have risen quickly in the short time Steeves has been farming, revenue hasn't. Before BSE, calves were fetching around \$2 a pound, and following the short-lived highs of the past two years, prices are back down to around \$2 a pound.

"When you look at it that way, we're not really getting that much more from our cattle than what we were getting prior to 2004," said Steeves. "But when Dad bought his last loader tractor just before BSE, we didn't pay no \$200,000."

Young and indebted

But as long as the resale value stays up, "it's not the end of the world," he added.

"Depreciation is what's scary. What is that piece of equipment

going to drop in value in the five or 10 years that we own it? Is the depreciation worth it?"

Saving some money — whether on equipment or any other cost — is extra important for younger farmers, especially now.

"With reduced commodity prices, it gets a little bit harder to get financing," said Steeves. "The lenders are just a little more careful than they were when we started."

He and his wife both work off-farm jobs, which helps with cash flow, but they're still "heavily financed."

"We've got way more financing now than we did when I first started out, and the increments get harder to get," he said. "The first \$50,000 was fairly easy to get. Now if I went to the bank and asked for another \$50,000, it would be a different ball game."

"We get by with our little bit smaller equipment and work a little bit harder to get it done."

For many young producers, the only option is to "take what the bank will give you for equipment and find the best you can run," he added.

"There's lots of opportunities for young producers to jump in on a piece of equipment or go custom, but there's also opportunities to run some smaller, older equipment and make it work."

Managing costs

But it's not all "doom and gloom," Vandervalk said.

Improved equipment is making farmers more efficient and there's also a lot more money passing through farms, he said. Not much of it sticks around, but it still makes life a lot easier, he said.

"There's absolutely no doubt there's been a huge increase in cash flow on farms — especially from 15 years ago," he said. "Back in the '90s and even the early 2000s, it was a real grind."

"I'd rather be here today trying to figure out if I should buy new equipment based on how much money I'm making, versus 15 years ago when prices were low and equipment was low."

"Even though things are much riskier today and things on the equipment side have got a little out of hand, it's still better than it was in the past."

But higher costs and more risk are also upping the importance of farm management.

While Steeves keeps watch on the used equipment market, Vandervalk looks to get "the biggest discounts possible" by pre-buying inputs.

"A perfect example is urea. In July, it was \$360 a tonne, and by spring, it's going to be \$500," he said. "You're talking a full 30 per cent difference in price or \$20 an acre difference. On an average-size farm, that could be \$100,000 difference in your costs."

For Keller, the increasingly expensive business of farming means spending more time with spreadsheets.

"Now more than ever, you need to know what your costs are and track that," he said. "You need to know which crops are making you money."

But the goal needs to be long-term financial viability, he added.

"It's quite easy to focus on one or two crops that make money and just steer all your acres towards those ones. But in the long run, that's going to bite you in the ass."

jennifer.blair@fbcpublishing.com



INTRODUCING OUR LEADING 2017 SEED LINE UP



FOR MORE INFORMATION ON THESE VARIETIES AND THE ENTIRE ALLIANCE SEED PORTFOLIO OF CEREAL SEED PRODUCTS, OR TO LOCATE A DEALER NEAR YOU, PLEASE VISIT ALLIANCESEED.COM

COVER CROPS ▶ from page 1

which had drawn a standing-room-only crowd of 200 or so farmers.

“We’re at a very early stage of it, but the snowball is getting big. It’s growing quite quickly.

“And it’s not just one sector — it’s grain guys, it’s livestock, it’s mixed farms, it’s organic, it’s conventional, people in dry areas, people in wet areas. It’s everyone. They’re looking at the level of inputs we’re using right now and saying, ‘It’s not sustainable.’”

Elmy’s jam-packed presentation highlighted both cover crops’ potential and why their adoption won’t happen overnight — the learning curve is as steep as the list of benefits is long.

His 50-minute talk proceeded at a breakneck pace, starting with a primer on soil health basics (from organic matter to mycorrhizae) and ending with a bewildering smorgasbord of choices for the three components of cover crop blends (grasses, broadleaf plants, and legumes).

The latter was an eye-ful — three slides each listing 20 different types of cover crops — along with quick pointers on some. Phacelia puts lots of sugar in the soil and so is great for mycorrhizae (the fungi that colonize roots and make nutrients more accessible). Sorghum-sudangrass hybrids can cause cyanide poisoning under certain circumstances. Careful with buckwheat because it goes to seed in 60 days. And what works where, all depends.

“You have to adapt this to where you are,” he told attendees. “If you’re up at Manning and you have cold soils, you’re going to need a different (cover crop) blend than you would if you’re down at Seven Persons.”

There are principles that apply to every situation — “If you don’t keep your mycorrhizae happy, you’re going down a slippery slope,” he warned — but the details are specific to both the conditions on an individual farm and the problem that the farmer is trying to address.

Elmy, who started experimenting with cover crops eight years ago, is the first to admit it’s all rather daunting. And it can be especially challenging for some, he added.

“It depends on how much diversity is already in the person’s rotation, it depends on how healthy their soils are,” he said in an interview. “If you’ve got healthy soils and good rotations, it’s really easy. When you’re dealing with a wheat-canola rotation relying heavily on fertilizer and multiple passes of fungicide, it’s a long process. You can’t buy a solution in a jug.”

The cost-benefit equation

His advice to his audience, however, was ultimately simple: Figure out your goal and then do your research.

The list of ills that cover crops can address is lengthy, and Elmy listed a bunch: building organic matter, improving water infiltration, repairing compaction, boosting microbe levels, drying up wet ground, smothering troublesome weeds, fixing nitrogen, boosting phosphorus levels, and feeding cows (whether your own or a neighbour’s).

There are mixes designed for each (or a combination) of those goals, although most of the available information comes from the U.S. and doesn’t automatically translate to Alberta. Again, you need to zero in on your particular area.

“If you phone me and say, ‘I want to do a cover crop,’ don’t expect me to say, ‘Oh, then you need Blend No. 1,’” said Elmy



Saskatchewan seed grower Kevin Elmy says cover crops are the future, but admits it’s not an easy system to learn. PHOTO: FRIENDLY ACRE SEED FARMS

who sells a variety of cover crop blends.

Along with your goal, it will depend on your soil type, how healthy the soil is, when you’re going to seed it, and whether you’re going to graze, cut, or terminate it.

Elmy first tried cover crops on his seed farm near Saltcoats because he wanted to dry up wet fields. Since then he’s dramatically cut his fertilizer bill; finally got the upper hand on his worst weed (volunteer canola); and has seen big improvements in soil

“We’re at a very early stage of it, but the snowball is getting big. It’s growing quite quickly.”

health and structure that means, among other things, easier planting and better germination.

Then there’s the cost-benefit equation.

That’s easier to calculate if you’ve got cows (or access to them) because the feed value of the cover crop can offset the cost of seed (which can vary widely depending on what’s in your ‘cocktail’ mix). For a straight grain operation, the benefits are both harder to measure and further out in the future, Elmy said.

It’s not a ‘do-this, get-that’ process, he said.

“People in the States who have been doing this for a long time say that out of every 10 years, you’ll

have five years where it works out well, three years where it works out pretty well, and two where it doesn’t work at all. But those five good years will pay for all 10 years.”

There are a number of companies selling cover crop blends (at least 10, including Elmy, in Saskatchewan and 11 in Alberta), and while Elmy’s orders are growing significantly, he predicts the use of cover crops will take a long time. He spends much of the winter “driving across the Prairies giving talks” and while the crowds are getting bigger, there’s still lots of skepticism.

“A lot of producers just say, ‘I don’t have time for it. I’m busy enough already and don’t need any more work,’” he said.

But the growing interest in cover crops is a strong sign that more and more producers are deciding a different approach is needed for issues such as worsening weed and disease outbreaks, compaction, and poor soil health, he said.

And cover crops are worth the time and effort, he said.

“Any time you do management in an operation, you’re going to increase your returns.”

glenn.cheater@fbcpublishing.com

BIG
REWARDS FOR
SEEING THE
BIG PICTURE
REALFARMREWARDS.CA

Sustainability is important – for you and the generations ahead. So we’re making tank mixing a little easier on your bottom line. Qualify to earn cash rewards when you tank mix Roundup WeatherMAX® or Roundup Transorb® HC herbicides with select Nufarm herbicides.*

Additional terms and conditions apply. Register at RealFarmRewards.ca



REAL FARM
REWARDS
A MONSANTO LOYALTY PROGRAM



Get a customized chemistry recommendation at MonsantoCMS.ca

*Registration required. Growers must purchase a minimum of 32 bags of a qualifying brand of Genuity® Roundup Ready® canola to be eligible to earn rewards. Visit RealFarmRewards.ca for full details.

ALWAYS FOLLOW GRAIN MARKETING AND ALL OTHER STEWARDSHIP PRACTICE AND PESTICIDE LABEL DIRECTIONS. Tank mixtures: The applicable labeling for each product must be in the possession of the user at the time of application. Follow applicable use instructions, including application rates, precautions and restrictions of each product used in the tank mixture. Monsanto has not tested all tank mix product formulations for compatibility or performance other than specifically listed by brand name. Always predetermine the compatibility of tank mixtures by mixing small proportional quantities in advance. Genuity®, Real Farm Rewards™, Roundup Ready®, Roundup WeatherMAX® and Roundup Transorb® are trademarks of Monsanto Technology LLC, Monsanto Canada, Inc. licensee. ©2016 Monsanto Canada Inc.

Urbanization, not foreign ownership, the real threat to farmland

Three per cent of Canada's arable land was lost to sprawl between 2001 and 2011, investor says

BY ALEX BINKLEY
AF CONTRIBUTOR

The real threat to farmland is our growing cities, not the tiny amount foreign owners hold.

People looking to protect farmland need to look at the real issues, Tom Eisenhauer, recently told the Senate agriculture committee.

"The biggest threats are urbanization, rezoning and the conversion of farmland for real estate development, quarries and industrial uses," said Eisenhauer, president and CEO of Bonnefield Financial, a Toronto-based firm which buys land for investors and leases it back to farmers.

"Statistics Canada reports that 2.4 million acres, which is almost three per cent of all the arable land in Canada, was lost to urbanization between 2001 and 2011," he said. "That is a staggering statistic that dwarfs all other threats to Canadian farmland."

"We believe that rezoning high-quality farmland for non-agricultural use should be expressly prohibited everywhere in Canada," said Eisenhauer, whose company is Canada's largest farmland investment and property management firm. "Rezoning applications for farmland should not be the purview of unelected officials... or elected municipal officials who often favour rezoning as a means of increasing their local tax base."

Instead, rezoning applications for high-quality farmland should not be permitted, except with the agreement of elected government officials at the highest level, and only in exceptional circumstances deemed to be in the national interest, Eisenhauer said.

"Farmers sometimes have a perverse incentive, especially those who have made the decision to retire or who live on the fringe of urban centres, to seek rezoning of their land and sell it to developers," he said. "This is a problem that sale-leaseback financing of the type that Bonnefield provides can help solve. With a sale-leaseback, a farm family can access some of the equity locked up in their land without the need to sell it to a developer."

Eisenhauer also stressed that protecting farmland would not require Senate investigations into agricultural policies or onerous new regulations.

"It is as simple as enforcing existing zoning regulations already on the books of every municipality in every farming region across Canada," he said.

He also insisted foreign ownership of farmland is not a widespread problem in Canada.

"It might amount to a quarter of one per cent of the land base," he said.

Bonnefield was formed in 2009 to acquire farmland and lease it out to farmers, he said.

"Our largest transaction to date was our purchase in 2013 of a large tract of mostly Class 1 farmland in Dufferin County, Ontario.

"We purchased it from a U.S.-

based hedge fund that wanted to convert it into what would have become North America's largest aggregate quarry," he said.

That land is now being farmed by "six local farm families," he said, and farm buildings and houses on that land have now been repaired and sold, adding to the local population base.

Eisenhauer also said Bonnefield's studies found most foreign farmland purchases involve people who intend to farm it.

"We are aware of, and deplore, isolated purchases of farmland by non-Canadians in places like the Lower Mainland of B.C., where farmland has been taken out of production and where the owners benefit from tax breaks intended for bona fide farmers," he said.

Manitoba and Saskatchewan's restrictions on farmland ownership to only Canadian individuals and landed residents are well intentioned, but are not evidence based, he said.

"They are short sighted because they inadvertently restrict the flow of capital to Canadian farmers, therefore making them less competitive," he said. "They force farmers in those provinces to rely more heavily on debt than they otherwise would."

The agriculture sector in Canada is predominantly made up of businesses run by farm families, large and small, he said.

"Some of these farm families operate very large, sophisticated businesses, but contrary to popular belief, there are very few, if any, corporate conglomerates operating farms in Canada."



Growing cities are gobbling up more farmland than anything else in Canada. PHOTO: THINKSTOCK



Building a Legacy Meridian SmoothWall Bins



Providing innovative seed storage and handling solutions through generations

© 2017 Meridian Manufacturing Inc. Registered Trademarks used under License. (02/2017)

Bioproduct innovators adding unique value to agriculture seed stocks

Flax is one crop that's been receiving plenty of attention from this Ontario-based effort

BY JOHN GREIG
STAFF

Researchers and entrepreneurs are delving deeper into the natural properties of crops, as seed stocks for everything from construction resins and boards and panels for buildings and cars to concentrate health foods.

Many of those projects are being funded by the Bio-products AgSci Cluster, brought together as part of BioIndustrial Innovation Canada with funding from Growing Forward 2.

The Sarnia, Ont.-based cluster aims to help new bioproducts get to market through funding, creating networks and supporting bioproducts companies.

At the cluster's recent annual



Research on getting the bitter taste out of flax oil caused researcher Martin Reaney to discover something new. PHOTO: THINKSTOCK

meeting, several companies and researchers with funding from the cluster explained how they derive from and use agriculture products.

Flax is one of the stars of bioproducts research, both because of the health effects from its seeds

and the strength and usefulness of its fibres.

At Prairie Tide Chemicals in Saskatoon, president and CEO Martin Reaney has isolated what he calls orbitides from flaxseed oil.

"Flaxseed is biologically active,"

he said. It is high in omega-3 polyunsaturated fatty acids. It also contains lignin, a soluble dietary fibre, and the orbitide component that Reaney has found.

He was first introduced to flaxseed oil research when he was approached to figure out how to eliminate the bitter taste in flaxseed.

"Some people who take it think it tastes awful," he said.

In doing that research, it set him on the road to isolating the orbitide, a cyclic peptide that dissolves in oil.

"Peptides shouldn't dissolve in oil, but this one does," he said.

He believes that the health-positive biological activity of flaxseed oil and flax lignin products are derived from the orbitides.

Beyond health improvement, there are other more complex

possibilities from orbitides, said Reaney. They include making light-emitting diodes from flax, which allows them to displace metals from diodes. He also believes he can construct lighter, stronger materials for building materials.

Other researchers are working on a more directly practical use of biomaterials for construction materials.

At the University of Toronto, Professor Dr. Ning Yan is combining wood pulp with flax fibres in order to create biodegradable, lightweight sandwich board panels for use in construction and the automotive sector.

She created a skin for the panels with a higher content of flax, as they wanted the skin to be what holds the board together and gives it rigidity, while the inside, made of wood pulp and a lower percentage of flax, is light and insulating. A mix that includes 10 per cent flax fibre and 40 per cent pulp fibre appears to be optimum, said Yan.

Yan said she can work with any agriculture fibre and hopes to try with others than flax. She said it has been difficult to get a clean, reliable supply of agriculture fibres, like flax.

They aren't creating new products, but are using bioproduct fibre products and testing their quality, including resins and epoxies and products that can replace fibreglass. They have found that flax-based materials can replace synthetic materials in applications such as re-enforcing degrading bridges.

At EcoSynthetix, researchers are taking low-value agriculture feedstock materials and upgrading them to displace synthetic material. They make use of polysaccharide from corn and upgrade it through a reactive extrusion process.

The company had its first hit product with a more environmentally friendly coating for paper. The paper business is highly competitive, so they looked, along with some funding, for another industry to disrupt.

They found it in wood composites with no added formaldehyde or isocyanate, said Peter Van Ballegoie, vice-president of corporate development at EcoSynthetix, based in Burlington, Ont.

"We're all surrounded by wood composites," he said. "The drivers (of demand for their product) are around health and ecological benefits."

Their DuraBind product found a market last September with one of the world's largest producers of composite wood products, the Swiss Krono Group. That group had helped EcoSynthetix develop its DuraBind product, and in the process they found that using their product improved the efficiency of the production process with less gumming up of equipment.

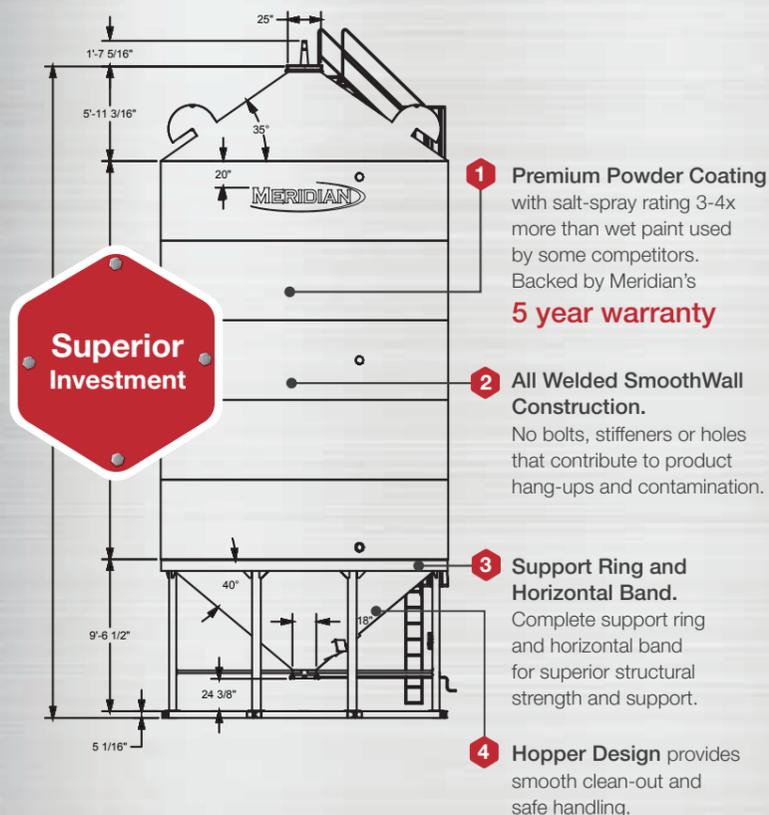
Sellings of composite wood products, whether they be Walmart or Ikea are all looking for options that off-gas fewer chemicals, said Ballegoie, and EcoSynthetix has options for them.

The major projects funded by the Bio-products AgSci Cluster are at various places in their commercialization, but they are all tied together in their potential to make use of agriculture products, some of which are now left on the field or discarded.

Quality that lasts generations.

Meridian SmoothWall Bins—First in Innovation and First in the Industry.

Meridian's SmoothWall and Hopper design revolutionized on farm storage of feed, grain, seed and fertilizer. Engineered design provides safe and efficient storage, versatility of use and durability. Strong resale value with great return on investment. Largest size selection of SmoothWall hopper bins on the market with up to 10,700 bushel capacity.



Find your nearest dealer at
meridianmfg.com/locator/
smoothwall@meridianmfg.com

World Class Quality. Locally Made Relationships.

MERIDIAN

meridianmfg.com



AUSTRALIA HITS WHEAT PRODUCTION RECORD

The Australian wheat harvest is done – and it was a bin buster. The nation produced a record amount of wheat of more than 35.1 million tonnes during the 2016-17 season, said the country's chief commodity forecaster. The supplies from Australia added to bumper global stocks, which pushed benchmark wheat prices to a 10-year low in August 2016. The previous record was 29.9 million tonnes in the 2011-12 season. Heavy rains in September across much of the country's largest producing regions saw production rise nearly 11 million tonnes from a year earlier. – Reuters

LIVESTOCK INCOMES TO FALL, CROP RECEIPTS UP

Overall farm incomes will decline seven per cent this year, but remain at above-average levels, says Agriculture and Agri-Food Canada. It predicts net cash income (revenue minus operating expenses) will slide by \$1 billion, to \$13.8 billion in 2017, following a two per cent decline in 2016. Those two years are still expected to be among the highest-income years on record. Livestock receipts, which dropped seven per cent last year, are expected to fall a further four per cent. But crop receipts are expected to rise one per cent to \$32.9 billion in 2017. The net worth of the average Canadian farm is expected to rise to \$2.8 million in 2017. – Reuters

MARKETS



Canola prices weather headwinds

Other growing regions might be set for a decent crop, but markets are watching physical stocks

BY JADE MARKUS
CNSC

Strong demand for canola and speculation about supplies this spring have allowed prices to hold relatively steady, despite bearish pressure from competing growing regions.

Traders have turned their focus to physical stocks of canola in warmer months, which has generated mixed opinions.

"We might end up with some pretty tight markets going into the spring, possibly, so that's keeping canola pretty well supported right now," said Ken Ball of PI Financial Corp.

The most recent Agriculture and Agri-Food Canada supply and disposition estimates show ending stocks around two million tonnes as of July 31, which some analysts think may be too high.

"I think we're probably in the 1-1/2 (million tonnes) area," said Mike Jubinville of ProFarmer Canada.

Demand may be slower moving forward, but crush activity has the potential to hit nine million tonnes.

Demand from China will also likely eat into stocks, Jubinville said.

But production may be bigger than

previously reported, said Keith Ferley of RBC Dominion Securities, which could add to estimated stock numbers.

"It's the old battle of how big was the crop last year," Ferley said.

Statistics Canada estimates peg 2016 canola production around 18.4 million tonnes.

"The jaded side of me says, well, we probably produced a larger crop than what was told to Stats Canada, or we have stocks still hanging around from previous years," Ferley said.

Ferley added that strong demand could eat into exports, while crush runs at a good pace.

"So you could still probably get an ending stocks number around a million tonnes," he said.

"If you think the crop wasn't any bigger, or some of the canola that's left in the fields is not going to remain in good condition."

Exports to date, reported by the Canadian Grain Commission, total nearly 5.8 million tonnes, which compares with the same time frame the previous year, when sales of canola were at about 5.3 million tonnes.

Crush margins have fallen from the highs reached in January, but the domestic crush pace is at a record high.

Based on figures from the Canadian Oilseed Processors Association (COPA), if the current pace continues, crush would hit 9.4 million, while Ag Canada estimates are around 8.9 million tonnes.

The highest crush hit in one crop year was 8.3 million tonnes in 2015-16.

On the downside, competing supplies are set to emerge from South America, which caused declines on the week.

South American soybean crop conditions are expected to be mostly favour-

able, as one Argentinian industry group, Rosario Board of Trade, pegs the country's production at 54.5 million tonnes, which indicates a recovery from flooding seen earlier in the season.

Brazil's industry group, Conab expects soybean production to reach a record 105.6 million tonnes.

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

For three-times-daily market reports from Resource News International, visit "ICE Futures Canada updates" at www.albertafarmexpress.ca.

Italy's pasta labelling plan raises Canadian concerns

Labels would be required to identify where the durum was grown

BY ROD NICKEL AND ISLA BINNIE
WINNIPEG/ROME/REUTERS

Canada has raised concerns with Rome about Italy's plan to require country-of-origin labels on pasta sold there, Canada's agriculture minister said on Wednesday about a move that is alarming Canadian wheat exporters just as a free trade deal gained European approval.

Rome sent a draft decree to the European Commission in December, seeking approval for labels on pasta sold in Italy that would identify where the durum wheat was grown and milled into semolina for pasta making.

Canadian exporters and farmers fear the move would depress prices in Canada, the biggest durum exporter, as it would require Italian pasta makers to segregate supplies by country.

The European Union and Canada secured clearance earlier on Feb. 15 for their contentious free trade deal.

"We're working back and forth with our officials. Anything that would hurt the farmers, we don't want," said Agriculture Minister Lawrence MacAulay.

He said the impact on Canada would depend on how broadly Italy applies the plan.

European lawmakers have shown an increasing appetite for labelling due to consumer demands for information about food, and Italy has also said labelling would help its pasta industry better compete with foreign competition. Such labelling might, however, be considered disruptive to the single market, which EU authorities are charged with safeguarding.

The "protectionist measure" would create extra cost for Italian pasta makers using Canadian supplies, resulting in lower prices for Canadian farmers, said Cam Dahl, president of Cereals Canada, an industry group whose members include farmers and crop exporters Richardson International and Cargill.



Artisanal pasta on display at a wine and spirits exhibition in Verona, Italy in April 2016. Proposed new label rules would have to identify where the durum used in Italian pasta was grown and milled. PHOTO: REUTERS/STEFANO RELLANDINI

Canadian durum farmers last year grew their biggest-ever crop. Italy is Canada's biggest foreign durum buyer so far in 2016-17, as of December.

"More bad news stories just put more pressure on the entire agriculture industry in Canada," said Morgan Nunweiler, whose

durum crop near Rosetown, Sask., was devalued by disease last year.

'Keep trade flowing'

It is too early for the European Commission to comment, since it has up to three months to express observations after receiving the

decree in December, a commission spokesman said.

The labelling plan has generated mixed reaction in Italy.

Italian farmers' group Col-diretti supports the plan. But pasta makers, while in favour of transparency, are concerned the labels would confuse origin with quality, said Luigi Cristiano Laurenza, secretary general of the Association of Pasta Manufacturers of the European Union (UNAFPA).

The decree also contains provisions that are only valid for Italy and could distort competition within the EU, he said.

Canada and Mexico won a similar labelling fight in 2015 when the U.S. repealed country-of-origin labels on meat, after a World Trade Organization (WTO) panel ruled against the program.

MacAulay said he did not know if Ottawa was considering a similar complaint to the WTO, but said Canada's aim is to "keep trade flowing as freely as we can."

Adviser urges farmers to give up their sinful ways

Trying to hit the market peak, getting angry about mistakes, and putting off marketing chores are three of the seven 'sins' of selling your crop

BY DIANNE FINSTAD
AF CONTRIBUTOR

While many grain growers came to FarmTech looking for insight on where markets may be headed in the coming year, Brian Voth challenged those attending his sessions with a different perspective on the game.

Lured in by his title of 'The Seven Deadly(ish) Sins of Grain Marketing,' attendees soon found the Manitoba-based market adviser wasn't going to give them predictions — only principles.

Voth urged farmers to have a brokerage account and to use it, in conjunction with a solid marketing plan. Being disciplined and sticking to the plan, he admitted, doesn't come easily to farmers. That's mostly because of these seven pitfalls of life, that are just as dangerous to grain sellers.

Lust

In a farm context, this means wanting to sell your grain at the very highest price, said Voth.

The irony is you never know it's the highest price until it's long gone. He pointed to 2013 when old-crop canola was selling for \$14.25 a bushel, so farmers didn't want to lock in new-crop canola at \$12.70. Turns out prices have never really been back to that \$12.70 level since.

His point? Every crop year needs to be approached independently from the previous one, and a good marketing plan should reflect that.

Gluttony

Voth defined excessive indulgences as consuming more than required.

In a grain farm context, he related that to knowing your costs of production and determining an ROI (return on investment), and then ignoring that figure because of a desire for more. Farmers need to have a target ROI, and when it's hit, sell at least a portion of the crop to reduce price risk and lock in some profits.

Greed

Voth called this the biggest enemy of any marketing plan. He said that too often farmers get hung up on yield and price instead of the profitable aspect of their production. Wanting a 'little bit more' can end up costing the most.

Sloth

Farmers are hard workers, but Voth said many get lazy when it comes to grain marketing.

They like the production part of farming, but only do marketing because 'they have to,' he said.

The old market adage about prices taking the escalator up and the elevator down is often true, he added, and being proactive on marketing pays off way more than having to be reactive.

He used the example of a farmer who has four different elevator companies in his line of sight, but has only ever dealt with one, refusing to even phone the others just to compare prices.

Basis levels are the key signal to watch here, since that's how elevators tell you whether or not they want your grain, he said.

Wrath

That's how some farmers feel about their marketing decisions.

Voth's advice was to not beat yourself up about choices you made or didn't make. Once you

make a move, it's best to carry on and focus on what you have left to sell instead of grumbling if prices go higher.

Envy

Spend too much time in the local coffee shop where everyone is comparing prices and you'll feel discontented because someone's always got a higher one. Every farm operation is different and you shouldn't make the neighbour's numbers your own measure of success. Don't waste your time on jealousy, he said.

Pride

This is the one 'sin' that Voth found the hardest to relate to farming.

He said he's proud of farmers who stick with their marketing plan and who take pride in their profession. But he cautions there can be trouble when farmers are too proud to ask for help. They hire

accountants, lawyers, agronomists, and mechanics, but often feel they can handle marketing themselves. Voth's advice is to focus on what you're good at, and outsource the expertise in the rest. Remember to run your farm like the business it is.

Voth, whose firm is called IntelliFARM Inc., claimed there is more money to be made, or left on the table, through good or poor marketing, than in any other aspect of farming.

"Markets have changed a lot in the last 10, 15 years," he said. "Twenty years ago, a job like I do probably wouldn't have existed because the markets didn't move enough to make a difference. "Now it's become so much more high risk that the timing of these sales becomes more critical."

And by being aware of the temptations, your marketing 'sins' will be fewer and less severe, he concluded.



Do you pass on the chance to lock in a profit? Do you only deal with one elevator? Those are costly mistakes, market adviser Brian Voth told FarmTech attendees. PHOTO: DIANNE FINSTAD

SeCan CWRS wheat.

Choose your direction.



No matter what direction you choose, SeCan has CWRS wheat that will fit *your* farm. Call your SeCan seed retailer today. 800-665-7333

SeCan
Canada's Seed Partner

secan.com

SeCan. Genes that fit your farm.®



1 Developed by Agriculture & Agri-Food Canada, Swift Current.

2 Developed by Agriculture & Agri-Food Canada, Winnipeg.

3 Developed by Crop Development Centre, University of Saskatchewan.

'AC' is an official mark used under license from Agriculture & Agri-Food Canada. Genes that fit your farm® is a registered trademark of SeCan.

COMMENTS SOUGHT ON RABBIT CODE OF PRACTICE

A draft Code of Practice for the Care and Handling of Rabbits is now available for public comment. The draft code was developed by the National Farm Animal Care Council and provincial rabbit groups based on a number of priority welfare issues. These included areas such as pen and cage design; housing enrichments; recognizing abnormal behaviour, sickness, pain and fearfulness; tools to measure stress; and management practices that decrease stress. The draft code can be found at www.nfacc.ca (use the Codes of Practice pull-down menu). Comments must be submitted online prior to April 1. — NFACC

NEW MILK CLASS STILL BEING DEVELOPED

The Canadian dairy industry has missed a self-imposed deadline for the Feb. 1 implementation of a national ingredients strategy — but work continues toward that implementation. The strategy is meant to create a lower-priced class of milk, Class 7, to encourage the use of skim milk powder in further-processed ingredients. The increasing popularity of cream, butter, ice cream and other products using milk fat has created the surplus in skim milk. Coupled with a lack of drying capacity, that led to significant volumes of skim milk were being dumped on fields and in manure pits. There is an agreement in principle on the new class, but details are still being worked out. — Glacier FarmMedia

LIVESTOCK

It pays to have a plan before turning your cattle out on pasture

Bountiful, nutritious forage doesn't happen by accident — here's how to plan for success on your ranch

BY JILL BURKHARDT
AF CONTRIBUTOR

A grazing plan might save you more than you think.

Whether it's a simple or detailed plan, a few key components will not only save your grass, but maybe save you a few dollars in the long run. Adjusting your stocking rate will allow you to get good-quality forage and vigorous regrowth.

"Managing the amount of forage harvested has a significant effect on economics, mainly because of the effect it has on forage quality and rate of regrowth," said Pete Deal, a rangeland specialist with the Florida branch of the Natural Resources Conservation Service (NRCS), the U.S. agency that helps farmers and landowners with conservation.

"Underutilization results in wasted forage and lower yields in terms of animal production. Excessive utilization will also result in lower yields and increased problems associated with weeds, soil erosion, and water quality issues."

In a webinar last month, Deal and Idaho NRCS colleague Brendan Brazee gave a step-by-step guide to creating a grazing plan.

"A well-planned grazing system is the key to maintaining or improving productivity, health, vigour, and ecological condition," said Brazee.

When developing a grazing plan, there are eight different elements to consider, he said.

Goals/objectives

They need to be clearly defined and written down, said Brazee.

"The objectives should be specific, measurable, achievable and able to occur within a given time frame."

Resource inventory

"This is one of those important parts that often gets overlooked," said Brazee. "Your resource inventory is a collection of all the information you know about the operation."

This includes maps that identify land use and ownership, grazing units, structures (such as fences and water areas), areas of concern (poisonous plants, for example), soils, an animal inventory (both livestock and wildlife), and the location of key areas and monitoring sites. Also include any threatened or endangered species or areas of cultural significance.

Forage inventory and analysis of resource conditions

Knowing what is growing in your pastures is paramount, so devote some time



Taking a bit of time to create a grazing plan will pay good dividends for years, says rangeland specialist Pete Deal (centre in cowboy hat). PHOTO: COURTESY PETE DEAL

to these two related parts of your plan, said Brazee.

"The inventory of expected forage quantity and quality, and species of each management unit for the whole area, should be noted. The production of each unit should be determined based on the available forage for both livestock and wildlife," he said.

Adjustments need to be made if pastures have steep slopes or if there is a distance for the livestock to go for water. These areas may not be fully utilized, and therefore would have less available forage. Use terms you are familiar with, such as animal unit months per acre (AUMs/ac.). Any past history of grazing would also be useful.

"Stocking rate, type and class of livestock, season of use, brush management, and wildlife numbers (observed) should also be collected," said Brazee.

Forage/animal balance

Along with ensuring there's enough forage to meet the demand of animals and wildlife, also consider whether a few tweaks (such as brush management or water improvements) will make more forage available.

Deal said some ranchers he works with find it's more profitable to understock pastures. By conservatively stocking, they reduce the need for purchased supplement feed or forage.

Grazing schedule

This is the heart of a grazing plan. It should be site specific and based on all the information that has been collected. It's at this point you choose a grazing system.

"The system selected should consider economics and time constraints of livestock movement," said Brazee. "It should also provide flexibility to adjust for climatic conditions and other factors."

The schedule should span at least three years, and cover grazing periods, how many times a pasture is grazed during a season, rest (no grazing for 12 months), and deferment (resting for just part of a season).

"Livestock movement needs to be based on plant growth and recommended use levels, not calendar days," said Brazee.

"The most profitable grazing systems reduce or eliminate the need for stored forages," added Deal.

Contingency plan

"Flexibility is needed in any grazing management plan to adjust for changes in forage production, availability of water for livestock, drought, fire, floods, or other natural events," said Brazee.

Listing potential problems in advance not only allows you to respond quickly if the number of grazing animals changes

or feed or water becomes limited or unavailable, but also to take advantage when conditions are favourable and there's more forage than expected.

Monitoring

Collecting data is key to ensuring your grazing management is working and for assessing stocking rates are correct for the plant types present. Select representative areas in different pastures, said Brazee, adding some pastures may have multiple key areas. However, don't select areas where there's animal concentration, stream crossings, water access points, or fencelines.

The bottom line

Having clear goals and objectives are the keys, Brazee said.

"Make sure they are smart, measurable, attainable, repeatable, and able to be completed in a timely manner," he said. "Even though plans are recommended to be written for three years at a time, that plan is rarely followed completely after the first year after monitoring and adjustments to the plan. Flexibility is the key."

The webinar can be found at www.conservationwebinars.net (search for 'grazing plan'). A grazing template can be found at: https://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs141p2_023594.doc.

'Change' is the watchword in a warming world, says researcher

Longer summers and milder winters sound nice, but even the pluses come with some negatives

BY ALEXIS KIENLEN
AF STAFF

How will the Canadian cattle industry fare if global temperatures continue to rise?

Count a reduced feed demand, a longer grazing season, and higher forage production among the benefits — but also expect more extreme weather, pests, and transport headaches, according to University of Manitoba research scientist Kim Ominski.

"We know the future of our industry will include change," the associate professor in the department of animal sciences said during a recent Beef Cattle Research Council webinar.

Scientists are looking at a number of possible shifts, said Ominski.

Warmer winters mean cattle don't need as much feed to maintain body weight, so producers would see lower feed bills. Many have already stopped confinement over the winter and moved to extended grazing. Higher temperatures could result in a longer growing season and higher forage yields. But more spells above 0 C during the winter mean more crusted snow that makes it more difficult for cattle to get at swaths or other stockpiled feed.

Extreme weather also means

more frequent and more intense summer heat waves, which ups both water consumption and the risk of heat stress. And warm snaps in winter also cause issues.

"Climate change can impact transportation as greater variability in temperature and precipitation can cause frequent freeze-thaw cycles and cause deterioration in road infrastructure," said Ominski. "Extreme weather with road closures could cause costly interruptions in transport."

In Western Canada, there has been a trend to warmer temperatures in winter, along with less snowfall. Over a 50-year time frame, the date of the last spring frost has varied from May 1 until the middle of June — a six-week difference.

"In addition to the variability we see in spring frost, we also see high variability in precipitation, said Ominski. "If we look at climate trends across the Prairies, we can say that production is limited by heat and by water. We see small increases in frost-free periods and heat units, but there is high year-to-year variability, which masks a very obvious trend."

By 2050, temperatures will have increased between 1 C and 4 C, with the extra heat units increasing the length of the growing season and extending the range of crops north. But that also means more evapotranspiration in

plants in a landscape susceptible to drought.

"We have to think about opportunities to capture run-off, and then store and use water for periods of deficit," said Ominski.

So while warming and improved varieties could see crops such as soybeans and corn become common in Alberta, all crops will face more challenges. Warmer winters allow insects, fungi, weeds, and bacteria to more easily overwinter and also expand their range. And increased global trade also gives pests and disease the opportunity to spread.

"Certainly it will require increased vigilance and possible new vaccination strategies," said Ominski.

Fortunately, there will likely be more global trade and an increased need for meat products in Asia, which could be good for Canadian cattle producers.

Improvements in production efficiencies, growth-promoting technologies, and cattle genomics as well as improvements in field crop yields are all good signs for the sustainability of the sector.

The industry has made gradual shifts to better feed efficiency, and society is showing preference for certain production practices.

But the industry still needs to think about big shift changes, said Ominski.

One example is the use of peren-



"We have to think about opportunities to capture run-off, and then store and use water for periods of deficit."

KIM OMINSKI

nial grains, which could be used in food products but also present an opportunity for feed.

Threats include the rise of synthetic meat grown from cell cultures; more people disapproving of livestock production or reducing meat consumption; and policies such as the ban on antibiotic use in Europe.

In order to safeguard its position, the sector needs more investment throughout the entire value chain, said Ominski. The industry also needs to communicate better — both with the public and between its various sectors. Information management and education will be the keys to successful adaptation, she said.

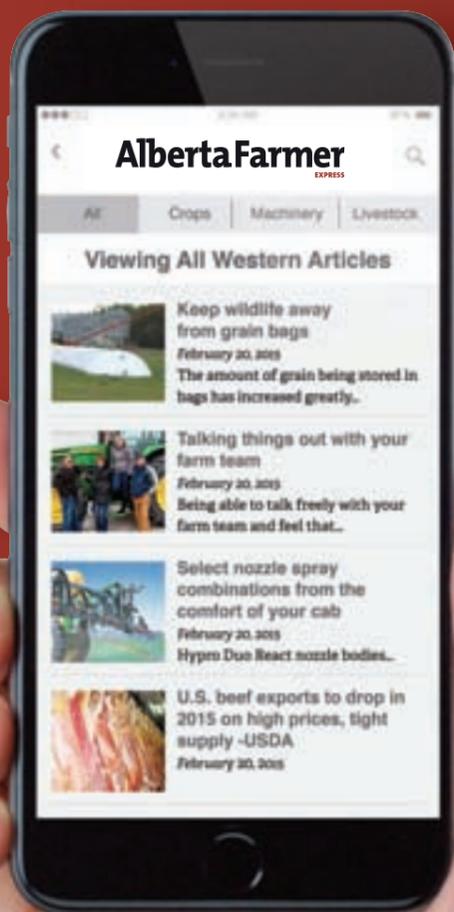
"We need visionary leaders

who can engage stakeholders, who can instil public trust, and support policies for successful adaptation," she said. "Successful adaptation for our industry will be about more than conserving what once was — it will be about surviving change."

Dealing with change boils down to discovering and seizing new opportunities, but the cattle sector has that ability, she added.

"The industry has already demonstrated its capacity for adaptation and I think we need to be mindful that adaptation, innovation, and sound policy are key to successful adaptation for the future," she said.

akienlen@fbcpublishing.com



GET THE ALBERTA FARMER MOBILE APP NOW!

Keep up to date on all the latest regional ag news that matters to you with the new **Alberta Farmer** mobile app!

INSTANT ACCESS TO:

- Daily regional ag news
- Crops news
- Livestock news
- Daily market news
- Commodity futures
- WeatherFarm data
- Machinery tips & reviews
- Plus much more!

IT'S FREE!

Scan the code to get the app — or visit agreader.ca



Available for Android devices, iPhones and iPad.

Part of the **AGReader MOBILE** network

More great agricultural apps available!



Canadian Cattleman



CountryGuide



Grainews



Manitoba Co-OPERATOR

Sponsored by



Bayer

Alberta Farmer
EXPRESS



Simplifying a horse's diet can bring the most health benefits

Despite what the marketing might suggest, often less is more when it comes to the diet of a horse

BY CAROL SHWETZ DVM
AF CONTRIBUTOR

What and how much we feed horses is innately related to their health. The large number of feed products on the market designed for “making horses healthier” is overwhelming, leading many horse owners to believe their horse should have a commercial feed to be healthy.

However, the addition of such feeds to the horse's diet is not benign or without consequence to the horse's health. Upon occasion they may even be detrimental to the horse's overall well-being.

Whenever a particular illness arises in a horse it is a worthwhile exercise to investigate if the diet may have in any way contributed to the illness. Different feeds have a strong influence on the levels of inflammation in the body and as such play a significant role in the development or progression of disease. Many illnesses in the human and the horse are downstream from a chronic inflammatory process. Left unchecked this insidious type of inflammation smoulders in and burdens the body and over time expresses itself as disease.

Laminitis (or founder) is but one example of the strong connection between the diet and the health of the hoof structures of the horse. Most horse owners are familiar with the acute laminitis that can occur when horses over-indulge in a large amount of grain. Since cause and effect between



A diet that's too rich can cause serious health problems for horses. PHOTO: THINKSTOCK

diet and disease symptoms are closely related in this situation, it becomes easy to connect the diet with the foundered feet.

However, another form of chronic laminitis also occurs where the connection between diet and lameness is not so readily evident. Horses consuming diets high in sugars develop persistently high levels of blood glucose. When the tissues are bathed in sugars, chronic inflammation is created alongside hormonal disruptions. The cascade of events results in a weak laminar bond between the

hoof and the underlying bone. Since this process is more subtle and occurs over a longer period of time, as opposed to the acute situation of grain overload, the connection between a rich diet and chronic laminitis, poor-quality hooves and foot soreness is often overlooked.

Attempts to restore the horse successfully to full soundness will be limited with medications and conventional therapies unless the level of sugars in the horse's diet are assessed and addressed.

High sugar, starch and fructan

levels in feeds and forages have an inflammatory impact on the horse's health. The body of the horse is generally intolerant and often debilitated by persistently high levels of blood glucose. Over time the condition becomes problematic for the horse, leading to numerous health issues.

Laminitis, insulin resistance, metabolic syndrome, PPID, obesity (yes obesity is an illness), and developmental bone diseases in the young horse all share a common dietary thread. The low-grade chronic inflammation associated with these diseases is precipitated, maintained and aggravated by long-term consumption of feeds and forages high in sugar and starches. The consequences are further amplified by a sedentary lifestyle.

In addition to elevating blood glucose levels, sweet feeds, processed commercial diets (pelleted or extruded), and horse treats cause the body to generate inflammatory free radicals. These highly volatile and destructive molecules can overwhelm the horse's antioxidant defences, alter DNA, accelerate aging and lessen the cell's sensitivity to key hormones.

Horses are naturally adapted to a forage diet which is rich in omega-3 fatty acids compared to omega-6 fatty acids, often with ratios of 4:1 or higher. In contrast, many of today's equine grains and complete feeds contain far fewer omega-3 and more omega-6 fatty acids. The “upside down” ratios become a concern as the omega-6 fatty acids are precursory sub-

These highly volatile and destructive molecules can overwhelm the horse's antioxidant defences, alter DNA, accelerate aging and lessen the cell's sensitivity to key hormones.

stances in the inflammatory cascade. The skewed ratio of dietary fatty acids predisposes the horse to chronic inflammation and has been implicated in diseases such as arthritis, laminitis, and colitis. Horses need a balance of both omega-3 and -6 fatty acids for optimal health. One isn't necessarily better than the other. They simply have different roles in the body and must be in balance with each other for optimal health. Removing the feeds with an imbalance of omega-3 to omega-6 fatty acids can have a surprisingly beneficial effect on the horse's health, including reducing the need for medications necessary to treat inflammatory process such as arthritis.

The majority of processed horse feeds contains vegetable and seed oils such as corn or canola. Not only do these oils contain high levels of omega-6 fatty acid levels, they are heat processed and hydrogenated to avoid rancidity. The addition of these substances to a horse's diet predisposes them to hormonal dysfunctions and inflammatory diseases as the horse's body attempts to respond to the unfamiliar and foreign fats or oils.

Dietary and nutritional approaches hold solutions for controlling inflammation in the horse's body. Ironically at times the solution is to remove the offending substance or substances from the diet, allowing the horse's body to be well. Therefore, simplifying the diet of a horse, rather than further complicating it with the addition of processed feeds and supplements can often improve the horse's health.

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

“It's all of our responsibility to speak up for agriculture.”

Emmett Sawyer, Advocate
4-H Member and Farmer

Be somebody who **does something**.
Be an **advocate**.

Learn more at AgMoreThanEver.ca.



Agriculture
more than ever

LLB 31st Annual Bull & Female Sale
March 11th 2017 at the farm

Featuring 650 head of Quality Breeding Stock
Canada's Largest Annual Angus Production Sale

LEE, LAURA & JACKIE BROWN TRISH & TIM HENDERSON
Box 217, Erskine, Alberta T0C 1G0
email: llbangus@telus.net Phone: 403-742-4226
catalog online www.llbangus.com

Earls mends fences after beef controversy

Restaurant chain will have all-Canadian beef this summer, after its U.S.-sourcing misstep

BY RON FRIESEN
CONTRIBUTOR/BRANDON, MAN.

Phil Gallagher began his talk with an apology. Then he kept apologizing all the way through.

"I'm a proud Canadian, just like all of you, and I learned a really hard lesson last year," the executive chef for the Earls restaurant chain said at the recent Manitoba Beef Producers annual meeting.

"I hope to never make the same mistake again."

His mea culpa was in reference to Earls' decision last year to obtain "certified humane" beef from a U.S. supplier. Earls was originally able to source its beef from a certified supplier in Vegreville, but when it couldn't get enough volume in Canada to meet its needs, it decided to switch to a supplier in Kansas.

The decision caused a furor across the country. Social media exploded with vitriolic criticism and calls for an anti-Earls boycott were all over Twitter.

"The comments we were getting on social media were awful," Gallagher said in an interview after his talk. "The way some of our operators were treated was not good."

To top it off, one newspaper dubbed Earls' move one of the top 10 worst business decisions in Canada in 2016.

There were two reasons for the extreme reaction, said Gallagher. One was that Earls failed to realize how patriotic consumers are for made-in-Canada product. The other was that producers felt offended at the implied suggestion that their cattle are not humanely raised and American cattle are.

"I think we insulted people by insinuating that they were inhumane and the



Western Canadian locations like this Earls on Main Street in downtown Winnipeg, are already serving Canadian beef again through an Ontario-based supplier. PHOTO: CREATIVE COMMONS/CCYYRREE

beef we were supplying was better than conventional beef. That was never our intention."

Since then, Earls has moved to have Canadian-raised beef in all its restaurants. Gallagher said the chain currently serves domestic beef in all outlets in Alberta, Saskatchewan, Manitoba and Whitehorse through an Ontario-based supplier. It's expected all Earls restaurants will have Canadian beef back on the menu sometime this summer.

Tom Lynch-Staunton, issues manager for the Canadian Cattlemen's Association, said producers were upset because, even though they don't have the U.S.

certification program, they do have the Canadian Code of Practice for the Care and Handling of Beef Cattle, plus the Verified Beef Program for on-farm food safety. Canada also has the National Farm Animal Care Council, which makes recommendations about the humane treatment of farm animals.

As a result, Canadian producers feel they are raising their cattle to the same humane standard as everyone else, Lynch-Staunton said.

"It was insinuated that we couldn't find those humanely raised cattle here in Canada, which wasn't the case."

He admitted, however, the industry



Phil Gallagher, executive chef for the Western Canada region for Earls restaurants, says the company's U.S. sourcing of humane beef was a mistake. PHOTO: RON FRIESEN

"I hope to never make the same mistake again."

PHIL GALLAGHER

could have done a better job of informing Earls that the kind of cattle it was looking for were here all along.

"I think we had a miscommunication between what we are doing in Canada and what Earls needed," he said. "A lot of those values are already here. They just didn't know about it and we didn't communicate it very well."

SAVINGS THAT STACK UP




TRELLEBORG

**CASH IN WITH
TRELLEBORG**
Feb 1 - Apr 30, 2017

Get up to \$1,200 (USD) on selected Trelleborg tires.*
Receive \$150 (USD) per qualifying tire.

* Contact your local OK Tire or visit oktire.com for more details. Valid for Canada only.

Great deals also available on:


GROWING TOGETHER


AGRICULTURAL SOLUTIONS
THE LEADER IN THE FIELD

**FARM HARD
REWARDS**
Feb 1 - Apr 30, 2017

\$25 back on Destination Farm radial tires*
\$200 back on all eligible radial and bias tires*
\$300 back on select AD2™ radial tires*


Honestly driven.

DRY WINTER IS JUST WHAT'S NEEDED

The so-far dry winter in Alberta is raising hopes that farmers will be able to get onto their fields early in order to deal with more than one million acres of unharvested crops. As of Jan. 31, snowpack accumulations were generally below normal in most areas (save for southern Alberta, where little to no snow on the ground is normal). In much of east-central Alberta, and most areas north of the Yellowhead Highway, including much of the Peace Region, snowpacks are anywhere from one-in-12-year lows to one-in-50-year lows. Provincial soil moisture reports can be found at www.agriculture.alberta.ca (search for 'moisture'). — AAF

NEW FIRE SEASON ABOUT TO START

The wildfire season begins March 1 and the province is warning Albertans to be extra careful to help prevent wildfires in forested areas. More than 60 per cent of the wildfires last year were caused by human activity. Last year, 1,338 wildfires burned more than 611,000 hectares, including the Horse River wildfire that spread into Fort McMurray. Special caution should be taken with fireworks and campfires, which started 17 wildfires in the Hinton area alone last year. The start of the fire season means permits are required for any burning, outside of campfires, in the Forest Protection Area of Alberta. Permits are free at your local Alberta Agriculture and Forestry office. — AAF

WEATHER



Doubt about global warming isn't coming from scientists

It's not hard to create doubt about sound science — the tobacco industry proved that years ago

BY DANIEL BEZTE

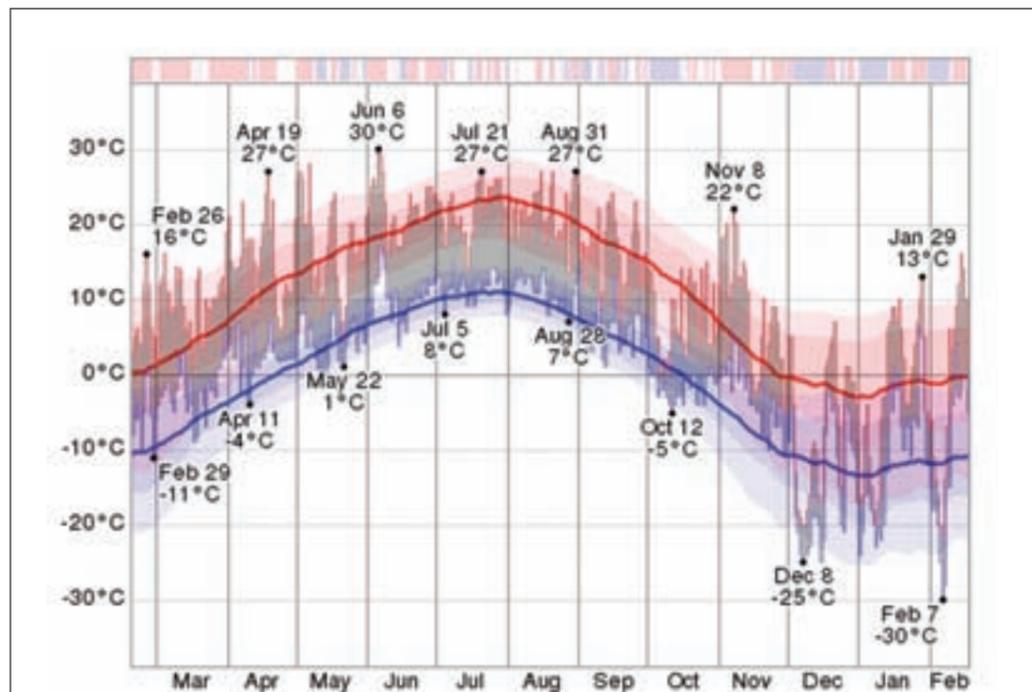
Several years ago, Weather Underground's co-founder Jeff Masters wrote a blog about the manufactured doubt industry, how and when it was created, and how it now plays into the current global warming or climate change controversy.

At the time I emailed Masters asking permission to use some of the information from his blog in an article or two. I never did write the article back then, probably because I was too comfortable sitting on the public fence. In this article I will try to summarize the information, but if you are interested in reading the whole article, it can be found at: <https://www.wunderground.com/blog/JeffMasters/comment.html?entrynum=1389>.

The idea of manufactured doubt began back in the mid-1950s when the tobacco industry started to realize it had a problem. More and more studies were coming out showing a link between smoking and lung cancer. The tobacco industry turned to a large public relations firm to come up with a campaign to convince the public that smoking was not dangerous. At the core of the campaign was the idea of developing research organizations controlled by the tobacco industry and designed and funded to produce science that emphasizes doubt about any negative research being published on the effects of tobacco.

In the book *Doubt is Their Product: How Industry's Assault on Science Threatens Your Health*, author David Michaels wrote, "The industry understood that the public is in no position to distinguish good science from bad. Create doubt, uncertainty, and confusion. Throw mud at the anti-smoking research under the assumption that some of it is bound to stick. And buy time, lots of it, in the bargain."

Fast-forward 60 years and we still have most of the different doubt-manufacturing research organizations that sprung up back then. We also have new



This graphic shows the daily low (blue) and high (red) temperature during the last 12 months with the area between them shaded grey. It is superimposed over the corresponding averages (thick lines), and with percentile bands (inner band from 25th to 75th percentile, outer band from 10th to 90th percentile). The bar at the top of the graph is red where both the daily high and low are above average, blue where they are both below average, and white otherwise. SOURCE: WEATHERSPARK.COM

groups that label themselves as 'think tanks.' These groups have had decades to finely hone how these campaigns work and thanks in part to the Internet, it is now easier than ever to apply the tricks of these campaigns.

Here is how it works:

- Launch a public relations campaign disputing the evidence.
- Predict dire economic consequences and ignore the cost benefits of tackling the problem.
- Use non-peer-reviewed scientific publications or industry-funded scientists who don't publish original peer-reviewed scientific work to support your point of view.
- Trumpet discredited scientific studies and myths supporting your point of view as scientific fact.
- Point to the substantial scientific uncertainty, and the

certainty of economic loss if immediate action is taken.

- Use data from a local area to support your views, and ignore the global evidence.
- Disparage scientists, saying they are playing up uncertain predictions of doom in order to get research funding.
- Disparage environmentalists, claiming they are hyping environmental problems in order to further their ideological goals.
- Claim it is unfair to require regulatory action in your country, as it would put your nation at an economic disadvantage compared to the rest of the world.
- Claim that more research is needed before action should be taken.
- Argue that it is less expensive to live with the effects.

Sounds familiar doesn't it? What I find especially scary is

the way the Internet is being used to help the manufactured doubt industry along, sometimes intentionally and sometimes not. As a teacher, I constantly have to show students how to look at information on the Internet and determine whether the source is trustworthy.

Take the killer clown stories that were circulating last fall. I would continually have students tell me that killer clowns are real and that they have killed, 10, 20, 30 or more people. I would ask them how they know this and they would show me a website that reported it. I would then take the students through the process of looking at more than one website and finally pulling the truth of what is going on.

That is the problem

It often takes a lot of effort to find the truth. Almost anyone

The idea of manufactured doubt began back in the mid-1950s when the tobacco industry started to realize it had a problem.

can make a website that looks professional and legitimate and then fill it full of anything they want with absolutely no regard for the truth. At first I figured only younger people like students would get caught in this web, but unless you have a lot of time on your hands to do extra research, all of us at different times can get caught.

The reality is that more than 40 scientific societies and academies of science, including all of the national academies of science in the major industrialized countries, have said humans are responsible for a majority of planetary warming experienced since the middle of the 20th century. There has been no debate in the peer-reviewed scientific literature for a very long time. If you have questions, www.skepticalscience.com is a great reference.

To sum it all up, all I want to say is: Think before you react, take the time to really look into a topic before making up your mind, and remember that your decisions are not just affecting your life, but the lives of countless others and generations that are hopefully still to come.

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

WHAT WILL MAKE YOU MONEY THIS YEAR?

AgriProfit\$ Cropping Alternatives has been updated for 2017. The crop-budgeting tool allows producers to project costs, margins and break-even yields for potential cropping choices. The data is presented by soil zones, with a mix of cereals, oilseeds, pulses and forage crops for each zone. Crop budgets include a projection of individual itemized variable costs as well as a common fixed cost component. It's recommended users first fill out the individual production costs and returns page included with the Cropping Alternatives publication. Producers can tweak costs and prices "based on their regional experience, homework and the practices of their farm." The tool can be found at www.agriculture.alberta.ca (search for 'cropping alternatives.') — AAF



CROPS

Herbicide resistance is everywhere you look

This year it's Alberta's turn to be surveyed by Ag Canada — but researchers already know the news won't be good

BY ALEXIS KIENLEN
AF STAFF/EDMONTON

If you've found herbicide-tolerant weeds in your field, you're not in the minority.

Weed resistance is increasing worldwide, so it's really important that Prairie growers understand growing herbicide tolerance, says one of the country's top resistance experts.

"Group 2 really overshadows all the other groups in terms of weed resistance," said Hugh Beckie, a research scientist with Agriculture and Agri-Food Canada, Saskatoon. "It's remarkable considering this new chemistry was introduced in 1983, much later than some of the older herbicides."

Rates of resistance have grown globally since 1950, with the grass families of weeds dominating all other groups, Beckie said during a session at FarmTech.

Canada ranks No. 3 in terms of global weed resistance (after the U.S. and France), with Western Canada and Eastern Canada having about the same number of resistant weeds. Group 1 resistance first appeared in Manitoba in 1990, and continues to be a problem in wild oats. Group 2 resistance has been found in cleavers in the Parkland region.

"In northeastern Saskatchewan, I would imagine that every pea field has Group 2 cleavers," said



The basics of combating resistant weeds are simple — rotate herbicides by group; scout; employ good sanitation methods and diverse rotations, said Hugh Beckie. PHOTO: ALEXIS KIENLEN

Beckie. "It really is posing a challenge to pulse crop production, which is highly dependent on Group 2 chemistry."

But increasingly, the problem is weeds with resistance to two or more groups. About 90 species of weeds have populations with multiple resistance, and that number is rising every year.

There have been cases of Group 2 and Group 1 resistance develop-

ing at the same time in wild oats, said Beckie.

Since there hasn't been any new herbicide chemistry developed for more than 30 years, methods for combating resistance are few and shrinking.

Agriculture Canada has conducted surveys to find resistant varieties by randomly approaching farmers and scouting their fields. The Saskatchewan study

"With lack of herbicide development, you have to use what you have and it's a challenge. Be consistent and do the little things whenever you can and hope for the best from one year to the next."

HUGH BECKIE

was completed in 2015, Manitoba was surveyed last year, and it will be Alberta's turn this year. Researchers will scout 250 to 300 fields pre- and post-harvest (with the latter focusing on glyphosate-resistant kochia and Russian thistle). Researchers expect they will find resistance in about half of the cultivated land surveyed.

"If you don't have resistance yet, you're in the minority. Don't feel that you're singled out. Most growers now have resistance," said Beckie.

Randomly chosen growers will also be asked to fill out a survey

SEE HERBICIDE ▶ page 18

PUTTING YOU IN CONTROL WITH LIQUID MUSCLE

DuPont™ Travallas™ liquid herbicide delivers high-performance control on cleavers, dandelion, hemp-nettle, Canada thistle*, kochia, wild buckwheat, and narrow-leaved hawk's-beard in spring wheat, durum wheat and spring barley.

Travallas™ features multiple modes of action in a powerful concentrated liquid formulation giving you the confidence to spray, even under the toughest conditions.

One case treats 80 acres. Available in an easy-to-handle case of two, 8L jugs. Questions? Ask your retailer, call 1-800-667-3925 or visit travallas.dupont.ca

DuPont™
Travallas™
herbicide



Researchers release 15 new potato varieties

Genomic tools are increasingly used to identify favourable traits and speed the breeding process

AGRICULTURE AND AGRI-FOOD CANADA RELEASE

Reds, a wedge with an edge, and a super storer are among this year's new potato selections from Agriculture and Agri-Food Canada.

Red-skinned varieties made up half of the total selections that Ag Canada potato breeders released earlier this month during their annual release open house. This includes a multi-purpose variety that shows promise for processing as wedges and as a traditional table potato. Breeders have also developed Russet selections that have a longer shelf life in cold storage while maintaining stable sugars,

making them attractive new selections to french fry processors. In all, 15 potato selections were unveiled this year.

The selections were narrowed down from more than 100,000 hybrid seedlings that were grown, tested, and measured over six years in Agriculture Canada greenhouses, laboratories, and fields across the country.

Researchers are increasingly using DNA technology to identify genes and strands linked to favourable traits. This will lead to the development of germplasm with the potential for better yields, nutritional value, and cooking and processing qualities. The selections also feature disease and pest resistance that makes them less

Researchers are increasingly using DNA technology to identify genes and strands linked to favourable traits.



demanding on the environment and offers alternative choices for organic growers. With each genetic marker that is identified, researchers are able to more quickly and

accurately search through hundreds of different kinds of potatoes (including centuries' old heritage varieties and wild species) for potential breeding lines that will produce new hybrids with the desired traits.

Alberta is Canada's third-largest producer of potatoes, trailing only P.E.I. and Manitoba. Production is centred in irrigated areas near Lethbridge, Taber, Vauxhall, and the Bassano-Brooks region, and the Edmonton and Lacombe areas are important seed potato production regions. An average of 52,500 planted acres were reported for the 2013, 2014, and 2015 crop years. The sector generates about \$1 billion of economic activity annually.

HERBICIDE ▶ from page 17

on their weed management practices in order to find out which ones are more effective and what isn't working.

More trouble ahead

The cost of managing resistant weeds is huge — an estimated \$1 billion annually in Saskatchewan alone because of increased herbicide use and decreased yield and quality.

One of the ways growers are managing resistance is using two modes of action (glyphosate and one other) when growing canola. But the reliance on glyphosate is dangerous, said Beckie.

"In 2012, glyphosate usage was bigger than the next 12 combined," he said. "It's all about glyphosate now, or glyphosate mixtures, so we have to be careful about glyphosate selection pressures in particular. Glyphosate-resistant weeds worldwide are increasing."

Glyphosate-resistant kochia is now established in Western Canada, and Russian thistle looks to be next — it's in Montana and that's why it's a focus of the Alberta survey to be conducted this growing season.

In southern Alberta, resistant traits in kochia are outcrossing, and can be spread by the wind.

"If you have a glyphosate-resistant plant next to a non-resistant plant, there is about five to seven per cent outcrossing," said Beckie. "It's not great, but great enough. This is another way for resistance to spread."

To deal with glyphosate resistance, growers of Roundup Ready and Liberty canola are now forced to use Group 4 herbicides, an older chemistry, because there is no other alternative.

Beckie advocates that growers keep careful records of cultural and management practices. This can include crop records, but should also include a record of which weeds appear in which field.

"That's something we need records for," he said. "If you don't know how weed populations are changing, it's hard to develop a program," he said.

Using good sanitation methods will mean fewer resistant weeds. Other good practices include rotating herbicide use by group, scouting, and adopting diverse rotations.

"A lot of growers are being proactive and are using the practices we recommend, so I'm very optimistic," said Beckie. "With lack of herbicide development, you have to use what you have and it's a challenge. Be consistent and do the little things whenever you can and hope for the best from one year to the next."

akienlen@fbcpublishing.com

From flag to head.

Folicur® EW fungicide provides you with the flexibility to spray any time from flag leaf through to head timing. This offers exceptional value for cereal growers who want long-lasting protection from a broad spectrum of diseases, including fusarium head blight and the most dangerous leaf diseases.



cropscience.bayer.ca/Folicur 1 888-283-6847 @Bayer4CropsCA

Always read and follow label directions. Folicur® is a registered trademark of the Bayer Group. Bayer CropScience Inc. is a member of CropLife Canada.

C-50-01/17-10698172-E

FARMING IS ENOUGH OF A GAMBLE...



Advertise in the Alberta Farmer Express Classifieds, it's a Sure Thing!

Alberta Farmer
EXPRESS

1-800-665-1362

CP Rail says moving American grain doesn't hurt Prairie farmers

Alberta producer says he suspects U.S. grain movement is part of the reason why cars aren't being delivered

BY ALLAN DAWSON
STAFF

An Alberta farmer alleges CP Rail isn't moving Canadian grain in a timely way because it's preoccupied by shipping American grain through Western Canada — an allegation CP denies.

The Carstairs-area farmer said he has a source that told him CP brings in 10 trains a day from the United States and moves them across Western Canada and then back to the U.S. And it uses Canadian government-owned hopper cars intended for western Canadian grain.

The farmer asked not to be identified fearing it might reveal his source.

But a CP spokesman said the railway ships two trains a day of American grain across the West to the U.S. Pacific Northwest, but Jeremy Berry said the shipments don't affect transport of Canadian grain as U.S. grain does not go through Canadian ports "in any significant volume."

"We also ship Canadian grain from Canada to the U.S. west coast which provides another market and alternative route and gateway for grain to move out of Canada," Berry wrote in an email.

But the farmer questioned whether it's having an impact, pointing to a contract he had with Viterra to deliver canola in December to its elevator at Crossfield. However, the company didn't take delivery until this month. The farmer said an elevator company official said it couldn't take the canola because CP wasn't delivering the cars Viterra had ordered. (Viterra was asked for more information on this incident but there was no response from the company by press time.)

But Berry said that when a railway allocates cars to a grain company, it is the company — not the railway — that decides where to spot them.

CP wanted to speak with the farmer to see if it could help resolve his issue, but the farmer declined CP's assistance.

There have been complaints about poor rail service on CP lines all crop year. But Berry said the railway is moving more grain than last year.

"Terminal unloads in Vancouver since January continue to trend upward at the port versus last year with CP up just over 12 per cent since the start of 2017 at the port."

However, weekly data distributed by the Ag Transport Coalition shows CP is, on average, 930 cars short of meeting the cars ordered for the current week. In week 25, the shortfall was 545 cars. (CP disagrees with how the transport coalition tracks car deliveries but ATC stands by its methodology.)

The problem is CP doesn't gear up to move grain in the winter when more resources are required, said Doug Robertson, president of the Western Barley Growers Association.

"They only make do," he said.

Robertson said he hopes "reciprocal penalties" will be included in amendments to the Canada Transportation Act this spring to address the issue.

Canada's grain-handling and transportation system is based on just-in-time delivery, Robertson said. When a railway fails to deliver

the cars companies expect, it results in overstaffing at elevators and having to reschedule farmer deliveries. At port ship loading is delayed, resulting in demurrage charges which get passed back to farmers.

The grain monitor's December report shows CP had 823 cars in storage and CN Rail had a further 574. But one industry observer said there's no point in adding cars if there aren't locomotives and crews to go with them.

As for using government-owned hopper cars, Berry said his company treats both those cars and the ones it owns as one fleet.

"We pay the government a lease rate to use the cars across our network, it is not restricted to Canada only," he stated.

allan@fbcpublishing.com



An Alberta farmer says plenty of grain is moving through Western Canada — but too much of it is U.S. grain. FILE PHOTO

INFERNO DUO

BROADLEAVES AND GRASSES ARE TOAST

Tough broadleaves and flushing grassy weeds have met their match. No burndown product is more ruthless against problem weeds in spring wheat than INFERNO® DUO. Two active ingredients working together with glyphosate get hard-to-kill weeds like dandelion, hawk's beard, foxtail barley and Roundup Ready® canola, while giving you longer lasting residual control of grassy weeds like green foxtail and up to two weeks for wild oats.

INFERNO DUO. It takes burndown to the next level.

Always read and follow label directions. INFERNO is a registered trademark and the INFERNO DUO logo is a trademark of Arysta LifeScience North America, LLC. Arysta LifeScience and the Arysta LifeScience logo are registered trademarks of Arysta LifeScience Corporation. All other products mentioned herein are trademarks of their respective companies. ©2017 Arysta LifeScience North America, LLC INF-069

Fusarium is tough, but you can fight back, says crop scientist

Planting winter wheat and bumping seeding rates can help, but fungicides aren't a silver bullet



Given the severity of fusarium infestation across Western Canada, crop scientist Brian Beres says it's puzzling why more farmers aren't growing winter wheat to disrupt the disease cycle. FILE PHOTO

BY ALEXIS KIENLEN
AF STAFF/EDMONTON

The forecast is for more fusarium — and possibly a lot more if it's another wet year. “As you know, the severity and incidence of fusarium is actually on the rise — if we continue to get the weather that we're getting, we can expect the same,” Agriculture Canada research scientist Brian Beres said during a session at FarmTech.

Fusarium is well established in the Irrigation Belt in the province's south and becoming more prevalent in the area around Oyen.

“For the most part, you'll get fusarium in one of two ways,” said Beres, who works at Ag Canada's Lethbridge research station. “It's

colonized on the crop debris, so it's sitting in the crop, or it's sitting on the soil surface, and then by rain events or irrigation, it (the spores) start getting splashed up and the spores release.”

Because breeders are developing shorter varieties of cereal crops, it “doesn't take much” for the spores to splash up into the head of the crop and infest it.

“Once it gets into the head, you're in big trouble,” he said.

One way to mitigate the risk is to plant winter wheat which disrupts the fusarium life cycle because it matures so much earlier.

“It's not a magic bullet, but it's one thing that can help you in your defence,” said Beres. “If things are getting bad on your farm and you're not doing winter wheat, you might want to do a rethink

because it's one of the few classes that also has a resistant variety.”

Some varieties in Canadian Western Red Spring and Canadian Prairie Spring have resistance and while some CPS varieties are improving on this score, durum is highly susceptible.

“If you're flexible with your market class, things like winter wheat and CPS are probably the way to go,” said Beres.

“If you like Grade 1 and you're experiencing fusarium, you're not going to get it with CWRS... You're going to make a lot more money with winter wheat.”

Only about one million acres of winter wheat are grown in Western Canada, something Beres called “a little mind boggling.”

“I think there's a market out there. I think there's a chance to manage some of the issues that we have on farm with disease. But it's a mindset and that mindset is pretty tough to break.”

Another defence is not to delay seeding dates. When the temperature in the top inch of soil is about 2 C, spring wheat can be planted as long as growers use dual fungicide and insecticide.

DON'T LET GROUP-2 AND GLYPHOSATE-RESISTANT WEEDS SLOW YOU DOWN.

Powered by the unique chemistry of Kixor, Heat LQ delivers the fastest, most complete burndown.



“The severity and incidence of fusarium is actually on the rise. If we continue to get the weather that we're getting, we can expect the same.”

BRIAN BERES

“With winter wheat or spring wheat, if you go in early, the flowering period will not be at the same time as the major spores of fusarium head blight,” said Beres.

Seed treatments can be useful for combating fusarium when growers are not sure that they have a clean seed lot. Using a good seed treatment can reduce the number of fusarium-damaged kernels. As well, higher seeding rates can add to uniformity in the field, which can help the crop fight off both disease and weeds.

Fungicides can help control fusarium, but they aren't a silver bullet.

“Relying solely on fungicide is not going to give you the results you (might expect),” he said.

Fungicide is only effective if it drenches the head of the plant, and its efficacy is affected by combine speed, boom height, nozzle angle, and application timing.

Heat® LQ

Powered by Kixor® Herbicide

Strap yourself in. The convenient liquid formulation of Heat® LQ herbicide offers the fastest, most reliable weed control to get crops off to a clean start. It's also the only solution that lets you choose between a pre-seed or pre-emerge application in cereals and pulses, with both burndown and the option for residual control. So why hesitate when it comes to resistance? Step on it. For details, visit agsolutions.ca/HeatLQ or call AgSolutions® Customer Care at 1-877-371-BASF (2273).

BASF
We create chemistry

Always read and follow label directions.

AgSolutions is a registered trade-mark of BASF Corporation; HEAT, and KIXOR are registered trade-marks of BASF SE; all used with permission by BASF Canada Inc. © 2017 BASF Canada Inc.

akienlen@fbcpublishing.com

Uncertainty is the name of the game in a Trump regime

As America heads down a protectionist path, Canada could be left grappling with a border adjustment tax and the return of COOL

BY ALEXIS KIENLEN
AF STAFF

In Chuck Penner's mind, there's no doubt that Trump's presidency adds complexity to markets.

"The difficulty is the unpredictability of it — it's gonna be big," said the market analyst and founder of LeftField Commodity Research. "We just don't know how things are going to shake out."

"The media has no shortage of stories to talk about with respect to this. But until an executive order is approved and all that kind of stuff, until that actually happens, we don't know how things are going to shake out."

Looming large is the possibility of a lower Canadian dollar, which would help exports but raise the cost of imports.

The loonie and crude oil were closely coupled in 2014-15, but are starting to pull apart, likely affected by trade issues and concerns south of the border, Penner said during FarmTech.

"Some of the bigger things will be around COOL (country-of-origin labelling) — I'm afraid that might get slammed on us one more time," he said. "The important thing is that even if this president's term only lasts four years, I think the ripple effects of that will last quite a bit longer and take a while to unwind."

Another big issue is the border adjustment tax, which is being pushed by the Republican-controlled Congress. The tax would be levied on goods made from imported inputs, but not on ones made from domestic inputs and then exported.

"That has a big impact in terms of giving American manufacturers an advantage," said Penner, adding, for example, American companies might want to source inputs such as oats in their own backyard.

"We do have a lot of speculation about this — there could be exemptions for ag inputs or things like crude oil," he said, adding some countries could be exempted from the tax.



Chuck Penner

"It is something to keep track of," he said.

The Americans will likely promote their own domestic energy, which could reduce energy imports and lower the Canadian dollar.

"Another thing that there has been noise about is biofuels," said Penner. "The guy in charge of EPA (Environmental Protection Agency), which is in charge of setting the biofuels mandate, has been an opponent of biofuels or government subsidies or government involvement in biofuels."

"Whether he gets dialled back or not on those aspirations, I don't know, but it is a potential."

Curtailing biofuel production would have a major impact on ag commodities, he said.

"If you put a billion bushels of corn back on the balance sheet in the U.S., that could get really ugly."

Fortunately, the economics around ethanol have changed, and a change in mandatory use of biofuel blending would not collapse the entire industry, he added.

"But it could soften it, and we could see some negative impacts that way," said Penner.

Another issue to watch is anti-immigration policy, which could result in higher labour costs and higher food prices in the U.S. That could be beneficial to Canada. As well, an escalation of the conflicts between Washington and China and Mexico could benefit us.

"Maybe some of these countries will be more interested in buying Canadian than American," said Penner.

akienlen@fbcpublishing.com

There's solid global demand for canola and good-quality wheat

Lock in canola basis at seeding and keep an eye on the American wheat harvest, advises market analyst

BY ALEXIS KIENLEN
AF STAFF/EDMONTON

Increasing demand for canola means opportunities for growers, says market analyst Chuck Penner.

"Even if canola supply is flat — consumption, crush and exports are up," Penner said. "That's a bullish situation."

Japan was the biggest importer of Canadian canola this year, even though China has been the dominant market the past few years, he said. The European Union has been a significant buyer in recent months because Europe had a small crop last year.

Canola acres are expected to decline to just under 22 million acres this year, largely because soybeans will steal some acres in Eastern Canada, said Penner, adding stocks in Canada, Europe and China are declining.

Penner advised growers to lock in the canola basis at seeding since there is a lot of room for the basis to strengthen until about mid-June. There may be some short-term opportunities for growers to jump on.

"We can see some strength on basis and futures, so I'm friendly for canola in the short term," he said in his presentations at the recent FarmTech conference.

Quality is the watchword for wheat markets, he said.

Wet weather meant a lower-quality crop on the Prairies last year, but Australia didn't grow as much high-protein wheat as usual and quality in Europe, especially France, was also mediocre.

"Globally, supplies of that good-quality wheat are harder to find," said Penner. "Ending stocks for Canadian wheat are going up, but a large chunk of that ending stock is going to be feed, or worse."

Wheat markets are coming off their lows, he said, but how fast they move up will depend on weather.

"If the U.S. crop is in trouble, we'll come off the lows a lot faster," said Penner. "Even if we have U.S. stocks that are record levels and global stocks that are record levels, it still doesn't take a long time to tip that market one way or another."

akienlen@fbcpublishing.com

Flooded Crops - 2 inches higher?

If seed is placed 2 inches higher in the soil profile, the crop will suffer less when it rains too much. Specialty Seeding Ltd. can show you how to build a seeder that will do this.

The seed is surrounded by damp soil, ensuring good germination.

Specialtyseeding.com has pictures of side by side evidence that demonstrates the advantage of higher seed placement.

Subsurface irrigation farmers have found that an injection of air into the irrigation water has improved yields substantially. The pictures of tomato roots that received irrigation water with or without air are significantly different. Plants need oxygen near their roots.

Specialty Seeding can provide guidance for seeding with this system.

Clark Lysne
780.352.9956
R.R.#5 Wetaskiwin Alberta

SeCan
Canada's Seed Partner

The need for feed.

CDC Haymaker

Forage Oat

- ✓ good forage quality with improved digestibility
- ✓ 7% higher forage yield than CDC Baler
- ✓ tall stature with late maturity

Genes that fit your farm.®
800-665-7333 secan.com

Developed by Crop Development Centre, University of Saskatchewan.
Genes that fit your farm® is a registered trademark of SeCan.



CHECKING OUT THE NEIGHBOUR

A grouse finds a patch of sun and bare ground on a ranch near Millarville, with a gray jay in the background overseeing the scene. The gray jay was recently named Canada's national bird by the Royal Canadian Geographical Society. A boreal forest species, the gray jay is found in every province and territory and does not migrate in winter. PHOTO: WENDY DUDLEY

I will be a trailblazer by recognizing opportunity and embracing the future. I will meet challenges head-on, adapt and overcome. I will continually challenge the status quo and place my trust where it is deserved.



InVigor



Bayer

I WILL LEAD.

cropscience.bayer.ca 1 888-283-6847 @Bayer4CropsCA

Always read and follow label directions. InVigor® is a registered trademark of the Bayer Group. Bayer CropScience Inc. is a member of CropLife Canada.

0-66-01/17-10707503-E

Lack of buyer interest leaves lentil market without pulse

Lentil buyers are keeping to the sidelines as mixed weather reports from India bring an element of turbulence into the market.

Crop conditions in India are generally favourable, keeping Canada's old- and new-crop lentil markets quiet, said Bobby Leavins of Rayglen Commodities in Saskatoon.

New-crop buyers are showing little interest until India's crop emerges, while bidders and askers are too far apart in old crop.

"In a month we're going to have a pretty decent idea what that India crop looks like, and buyers will be a little more comfortable putting positions on at that point," Leavins said.

Part of that reluctance comes from the idea that crop conditions can change at any time.

"Two years ago (India) had a pretty good crop coming too, and they had a bunch of rain and hail, and storms wrecked it right at the end," Leavins said.

Crop conditions are mixed, due to the sheer size of the country, "but the general consensus is that they've got at least an average crop coming," he added.

Agriculture and Agri-Food Canada forecasts lentil production at 3.5 million tonnes versus 3.248 million tonnes in 2016. — CNS Canada

La Niña fading, El Niño potential seen

REUTERS/STAFF

A U.S. weather forecaster says La Niña has faded and neutral conditions are likely to continue in the coming months, though it noted some chance that the El Niño phenomenon may reappear as early as the Northern Hemisphere spring.

The Climate Prediction Center, an agency of the National Weather Service, in a monthly forecast said that neutral conditions have returned and are favoured to continue through at least the Northern Hemisphere spring.

La Niña emerged last year for the first time since 2012. The phenomenon, characterized by unusually cold ocean temperatures in the equatorial Pacific Ocean, is linked with floods and droughts.

Even though neutral conditions are most likely, there is a chance of the appearance of El Niño — when surface waters in the eastern tropical Pacific turn warmer than average — as early as March to May 2017, the forecaster warned.

That would be less than a year after the last El Niño faded, having brought serious crop damage, forest fires and flash floods.

In Western, Northwestern and Central Canada, an El Niño event is most often associated with above-normal temperatures and drier conditions during winter and spring.

Deere revenue rises, company raises forecast

U.S. farm equipment maker Deere & Co. has reported a 1.8 per cent rise in quarterly revenue, partly helped by stronger pricing.

Net income attributable to Deere fell to \$193.8 million (all figures U.S. funds), or 61 cents per share, in the first quarter ended Jan. 31, from \$254.4 million, or 80 cents per share, a year earlier.

Total sales and revenue rose to \$5.63 billion in the quarter from \$5.52 billion a year earlier.

Deere raised its fiscal 2017 equipment sales forecast, and said it expects sales to grow four per cent, compared with its previous expectation of a decline of one per cent. — Reuters

Slovakia takes aim at food makers for double standards

The eastern European nation says manufacturers are shortchanging consumers in the region on quality and quantity

BRATISLAVA/REUTERS

Slovakia has called out several international food companies for what it called the unethical practice of using inferior ingredients in products intended for Slovakia compared with the food sold in its richer western neighbours.

Consumer groups have complained that popular brands use poorer-quality ingredients and less actual food in central and eastern Europe than are used in Germany and Austria. But they have had little recourse, since the European Union only requires that the packaging contain a clear list of all ingredients.

Slovakia's Agriculture Minis-

try said it wanted to join other countries in lobbying within the EU to stop companies from offering identical brands and packaging but different lists of ingredients in "old" and "new" EU members.

"We have a single market, and it's unethical to create two classes of customers," Agriculture Minister Gabriela Matecna told a news conference.

Half of 22 products bought in Bratislava, the Slovak capital, and two Austrian towns across the border, less than 20 kilometres away, differed in taste, looks and composition, the ministry said, according to laboratory tests by the national food quality watchdog.

For example, the orange drink

sold by German Rewe Group in Slovakia did not contain any actual orange juice, unlike that sold in Austria, and had more additives and stabilizers, the tests showed.

"The argument that consumers in different regions prefer different tastes won't stand, because Slovak consumers definitely don't prefer artificial sweeteners and additives or lower content of meat compared to Austrian products," Matecna said.

Coca-Cola sold in Slovakia was sweetened by cheaper glucose-fructose syrup instead of the sugar found in the Austrian version, the tests cited by the ministry found.

Most of the food companies cited could not immediately

be reached for comment. But Coca-Cola Slovakia spokesman Marian Pavelka said its different sweeteners are "both commonly used in the food industry across the world, including the country of (Coca-Cola's) origins, the U.S."

Various shopping tests done by media in the neighbouring Czech Republic showed that prices of a number of food items were also lower in the Czech Republic and Slovakia than prices in Austria and Germany. Poland usually came out the cheapest.

However, average household net-adjusted disposable income per capita is US\$31,667 a year in Austria, almost double Slovakia's US\$18,534 a year, OECD data from 2015 shows.

WHY DO SOME
CALL IT THE BEST
PERFORMING
GROUP 2
HERBICIDE?



THREE WORDS: **FLUSH AFTER FLUSH™**

No other Group 2 herbicide offers the kind of relentless, **Flush after flush™** control you'll get with EVEREST® 2.0. It doesn't just get the hard-to-kill weeds you see — like wild oats, green foxtail and other resistant biotypes — it gets the weeds you know are coming. Young wheat gets an important head start. And you get higher yields. Ask your retailer about EVEREST 2.0. A herbicide you can count on.

 Arysta
LifeScience

Always read and follow label directions. EVEREST and the EVEREST 2.0 logo are registered trademarks of Arysta LifeScience North America, LLC. The "Flush after flush" slogan is a trademark of Arysta LifeScience North America, LLC. Arysta LifeScience and the Arysta LifeScience logo are registered trademarks of Arysta LifeScience Corporation. ©2017 Arysta LifeScience North America, LLC. ESTC-365

everest2-0.ca

Controlled traffic farming is just 'common sense,' says advocate

Manitoba farmer says a decade of minimizing compaction has paid big dividends on his operation

BY GORD GILMOUR
STAFF/BRANDON, MAN.

Ten years ago Adam Gurr was surfing the Internet one evening and came across an idea that would change the way he operates — controlled traffic farming.

Just as the name sounds, it's a farming system built around permanent wheel tracks in each field; the crop zones and traffic lanes are permanently separated.

It leaves the productive part of the field mellow and unpacked, increasing productivity and in the traffic lanes, compaction can actually mean it's easier to get through a field in wet conditions.

"It's a pretty common-sense thing," the Manitoba farmer said at a recent farm conference here. "You're using compaction to your advantage in the traffic zones, and removing random traffic and compaction from the rest of the field."

After reading up on the technique and carefully considering the implications, Gurr began experimenting with it in 2010, with good results.

"In 2011, we committed fully to the system," Gurr said during his presentation. "Since then we've planned all of our equipment purchases for CTF."



Controlled traffic farming is generating interest around the world, as seen here in this photo of an Australian spray rig sticking to established traffic zones. PHOTO: WESTERN AUSTRALIA DEPARTMENT OF AGRICULTURE AND FOOD

Gurr said he considers himself to truly have been controlled traffic farming since the 2012 season. He admits the switch was relatively easy for them since two major pieces of their equipment, the tractor and combine, already shared the same wheel track.

Water management

His farm in western Manitoba is no stranger to wet growing and harvest conditions and Gurr said in excess water years he can really see the difference. The large equipment of today can have a huge impact on the soil profile when it is wet. The

process is pretty straightforward mechanics — a heavy article passes over the surface, squashing the air out of the soil, reducing porosity and affecting productivity. The soil eventually becomes a hard-packed mass with no channels for air or water to pass through.

"I can't stress this enough — there's just a dramatic increase in infiltration," Gurr said.

That means the scenario climate scientists warn of for the Prairies — dry growing seasons punctuated with high-intensity rainfall — could give the production system a leg up in productivity.

"In controlled traffic farming, 85 per cent of a field is not trafficked, and will capture more rainfall," Gurr said. "It will likely be more sustainable too because of things such as less water erosion."

Perhaps counterintuitively, the system also drains and dries land better Gurr said, something that can be a benefit in wet years and make field operations more economical.

"There's also a reduction in draft — as much as 60 per cent," he said. "It's definitely easier to pull a drill through dry ground than a wet field."

He notices a clear difference when operating after a rainfall. The traffic lanes are harder and can support his equipment far better.

"If you lose your GPS and get off your tram line a bit, suddenly it's greasy and you're throwing muck," he said. "Get back on it and it's better."

SEE TRAFFIC ▶ page 25

LEAVE **NOTHING** BEHIND.

Paradigm™
HERBICIDE
ARYLEX™
ACTIVE

PrePass™ XC
HERBICIDE

PrePass™ FLEX
HERBICIDE

DOW Dow AgroSciences

Solutions for the Growing World

TRAFFIC ▶ from page 24

Productivity

There's plenty of scientific evidence that the system can improve productivity once it's up and running. Gurr pointed farmers to the work done by Harper Adams University in the United Kingdom. That institution has done wide-ranging research on the topic, which is readily available on its website (www.harper-adams.ac.uk).

Inspired by this, Gurr decided to do some research of his own and ran trials at various locations across his farm. One was on the Beresford mineral soil type, the other on Newdale clay loam. The trials ran over four growing seasons, from 2013 to 2016, and consisted of a CTF treatment and simulated random traffic applied at the start of the season. There was no in-season traffic.

I didn't see a response on the Beresford soil," he said. "Either the trail was not long enough to show benefits, or this soil is just not susceptible to compaction from traffic.

"But at Rapid City (north of Brandon), on Newdale soil, I saw a numerical response," he said. "CTF yielded 103 per cent compared to random traffic. I figure that's \$17 an acre on this field this year."

Gurr also noted that the productivity effect showed up when it was needed most, during a challenging production year, according to other researchers.

"It's in the extremes that they see the yield effect," Gurr said. "If water is ideal, the plant doesn't have to explore the soil profile."

He also noted there appears to be significant differences in the way certain crops react to the practice.



Manitoba farmer Adam Gurr says he's sold on controlled traffic farming.

PHOTO: GORD GILMOUR

"It's a pretty common-sense thing. You're using compaction to your advantage in the traffic zones, and removing random traffic and compaction from the rest of the field."

ADAM GURR

"It really shows up in something like canola," he said.

Early days

One thing Gurr says is very clear is that this system isn't simple to incorporate.

One of the biggest issues is the varying wheel gauges of much of the equipment available and already in use on farms. He suggests growers who are curious about the benefits start thinking of this when making buying decisions.

"Who's going to go out and flip millions in equipment? We

just used this when making new purchases," he said.

He also concedes the economics of adoption will likely vary by region, soil type, crops grown and pre-existing traffic intensity.

He called upon the research community to engage in CTF-based research projects to define the benefits under western Canadian growing conditions, and noted that adoption will largely be driven by the extension community's efforts.

"It's a very new idea still in Western Canada," he said.

FCC launches new loan for young agribusiness people

Low-interest financing aimed at encouraging younger people to start or buy into an agri-food business

STAFF

Canada's federal farm lender is expanding its loan offerings in agribusiness and agri-food with a new program aimed at young business people.

Farm Credit Canada's Young Entrepreneur Loan will offer financing of up to \$1 million per qualified applicant under age 40, at closed variable rates of prime plus one per cent.

The loan requires a 25 per cent minimum down payment. The credit can be used to buy or improve agriculture-related assets, or to buy shares in an agriculture-related business, including those in the agri-food sector.

The loan, which is expected to help finance agretail, manufacturing and food-processing businesses, is available with custom variable and five-year fixed rates and comes with no loan processing fees, FCC said.

"The Canadian agriculture and agri-food sector needs more young people to get engaged, because they bring the energy and innovative ways of thinking that grow the sector and keep it on the

cutting edge," said Agriculture Minister Lawrence MacAulay.

The Young Entrepreneur Loan has most of the same eligibility requirements as FCC's Young Farmer Loan, launched in 2012 to help farmers under age 40 finance the purchase, expansions or improvements of a farm. It offers closed variable rates at prime plus 0.5 per cent. Its minimum down payment, however, was reduced in December to 20 per cent from 25. Its credit limit per loan was also doubled in December, to \$1 million.

An applicant eligible for either the Young Farmer Loan or Young Entrepreneur Loan would first be assessed for whether his or her primary business is a farm or is an agribusiness such as processing or retail. Only one of the two loan offerings would be available in such a case.

"By providing specialized loans for young farmers and entrepreneurs, we are helping the next generation get established and contribute to Canada achieving its full potential as a leading food supplier worldwide," said FCC CEO Michael Hoffort.

On the surface, under the surface, up to two weeks ahead of your cereals.

THE BEST GLYPHOSATE IS MORE THAN GLYPHOSATE.

Choose one of these pre-seed options for the cleanest start possible in cereals, in spring, guaranteed. All with SoilActive™ weed control that lets you spray up to two weeks before seeding. For peace of mind in spring to get at it when you're ready.

For your cleanest start possible. LeaveNothingBehind.ca

SAVE UP TO

65¢ PER ACRE

when you book by March 15, 2017 with Diamond Rewards™.

Is a grain transportation remedy finally on its way?

A new rail bill is due this spring. Will Ottawa find a fix for long-standing issues or will it be more of the same old?

BY JENNIFER BLAIR
AF STAFF / EDMONTON

A new rail transport bill is on the horizon, but it's still too soon to say whether that will bring about meaningful change for Canadian farmers.

"We'll see what comes out in the new rail bill — how far they're willing to go on this," said Steve Pratte, manager of policy development for the Canadian Canola Growers Association.

"Are they going to go for the reform of the rail system? Or are they just going to tinker and tweak again, leaving us dealing with these same core issues 12 months from now?"

Set to launch this spring, the new transportation framework is expected, among other things, to bring in reciprocal penalties so railways (and not just grain companies) will have to pay when they fail to live up to service agreements. It is also expected to better define 'adequate and suitable service' — another area that farm groups have been urging the government to address since disastrous grain transport delays following 2013's record crop.

"All of these issues come down to the fundamental problem of railway market power," Pratte said at the FarmTech Conference in late January.

"The railways don't exist in and of themselves just to exist. They're moving goods because people are selling and buying goods, and the system in general should be more responsive to that."

While "2016 set records as far as performance of the system" and deliveries are up slightly this year, the agriculture industry still needs improved rail service now and into the future as crop yields continue to rise, said Pratte.

"The service to grain can be variable because the grain's not going anywhere. It can only move by



The new transportation bill could bring in reciprocal penalties and new rules on 'adequate' service, but the looming issue of an aging hopper car fleet will be put off for another day, said grain transportation expert Steve Pratte. PHOTO: JENNIFER BLAIR

train, and they'll only pick it up when they want to pick it up," he said.

"We need a reliable, efficient, bankable system that we can execute on global contracts and move our products from farm gate to the end destination with reliability.

"The system's got to get tightened up. We've been operating for years now as a just-in-time system."

Aging hopper cars

And that problem will only be exacerbated over the next decade as the government retires Canada's aging hopper car fleet.

As of Jan. 1, 2016, there were about 22,400 hopper cars in circulation, and of those, there are roughly 8,400 federal cars left, 3,100 publicly supplied cars, and 900 Alberta government cars. The rest

of the cars are from the railways themselves, shippers, and on lease.

"The cars have a mix of ownership, age, size, carrying capacity, and state of repair," said Pratte.

"It's a real dog's breakfast of rolling stock out there circling around, moving our Canadian grain."

And the "next big wave" of retirements is Alberta's car fleet, which is set to happen in about five years. Then, around 2026, roughly 3,600 federal cars will be retired, and by the early 2030s, the rest will be reaching the end of their lives.

"When this federal fleet gets retired, what are the options? Who's going to deal with this?" said Pratte.

"It's not an immediate issue, but there is a first wave coming in about five years, and in another decade, there's going to have to be some action."

The Canadian Transportation Act review had only one page of discussion on the issue and had "no specific recommendations" other than that the government could play a strategic role in a conversation amongst stakeholders about "who's going to do what when."

"We have to think about that long-term relationship between our increasing production trends and carrying capacity," said Pratte. "It's not just replacing the stock of federal cars now. The ideal situation would be to grow that incrementally. We want to position ourselves to be able to carry the crop of the future."

Right now, there are basically five options. The government could replace the cars, but "is that likely? No." The railways may "partially" replace cars, but over the last 30

"We need a reliable, efficient, bankable system that we can execute on global contracts and move our products from farm gate to the end destination with reliability."

STEVE PRATTE

years, they have largely "got out of the business of owning rolling stock." Shippers may buy or lease cars (the third option), and grain companies could buy cars and operate them as a private fleet, as a fourth option. And the fifth option is a consortium.

"There's proposals floating around, likely tied to some sort of government guarantee, where big pension funds or investment funds could come in and front-load the purchase of these cars and there would be some sort of leasing mechanism for the shipper," said Pratte.

"But we can't even estimate what that might look like."

Ultimately, Canada's agriculture industry needs "some level of comfort that this is going to get dealt with before it becomes a crisis," said Pratte.

"Everybody is waiting to see who is going to act first. Everybody has their cards that they're ready to play, but they're holding them tight to their vest," he said.

"None of this is in our control, but it directly affects us, and at the end of the day, producers are going to pay to some degree."

jennifer.blair@fbcpublishing.com

NEW

GoDRI

It's pre-seed GO time.

Above the surface. Under the surface. With Paradigm.™

Paradigm™
HERBICIDE
ARYLEX®
ACTIVE

Dow Dow AgroSciences

Solutions for the Growing World

NEW! Paradigm™ is the most powerful pre-seed tank mix ahead of wheat and barley. It gets the weeds you see and the weeds you don't, including Group 2 resistant cleavers and hemp-nettle, in tough spring or fall conditions.

Pre-seed or post-harvest, it's GO time. Go to LeaveNothingBehind.ca

™ Trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow. | 0217-52738 AFE

PRE-SEED & SAVE! UP TO

65¢

PER ACRE

when you book by March 15, 2017 with Diamond Rewards™.

EU still on track for bigger rapeseed crop

Growing conditions have caused some concern but the impact seems limited so far

PARIS/REUTERS

Rapeseed in the EU's major growing countries was mostly in reasonable shape, despite localized damage caused by dry sowing conditions and winter frosts.

This keeps the EU on course for a rebound from last year's disappointing harvest.

Analysts Strategie Grains recently cut their forecast for EU 2017 rapeseed production by 500,000 tonnes to 21.56 million, citing damage in countries such as Poland.

However, recent cold spells were not thought to have had a major impact across the EU, maintaining the prospect of a bigger crop than the four-year low of 20 million tonnes in 2016.

In France, rapeseed had generally coped with the cold.

"The onset of cold weather was progressive, which allowed plants to gain sturdiness, and the smaller rapeseed crops which we were concerned about in the autumn have withstood frost rather well," Fabien Lagarde of oilseed institute Terres Inovia said.

"The rapeseed area that will be dug up after winter won't be higher than normal."

However, a sharp drop in area was already anticipated after the drought-hit sowing season, which could keep French rapeseed production close to last year's below-average level.



A blooming rapeseed field is seen beneath the town of Villebois-Lavalette in the Poitou Charente region of France April 14, 2016. PHOTO: REUTERS/PHIL NOBLE

"The onset of cold weather was progressive, which allowed plants to gain sturdiness, and the smaller rapeseed crops which we were concerned about in the autumn have withstood frost rather well."

FABIEN LAGARDE

The ministry's current area estimate of about 1.4 million hectares is seven per cent below the 2016 level.

Dryness remained a concern in France, after very low rainfall in December and January.

In Germany, Hamburg-based oilseeds analysts Oil World tentatively projected the 2017 German crop at 5.1 million tonnes against 4.6 million in 2016. Traders said winter damage should be limited, with potential risks more in dryness and insect damage.

"The rapeseed-planted area increased by 0.8 per cent and given normal spring and summer weather we should see a good crop recovery," a German rapeseed trader said.

"But there is still lack of clarity about the long-term impact on yields of the neonicotinoid restrictions."

Farmers have argued that EU restrictions on neonicotinoids, a class of pesticides blamed for harming bees, have left them without effective alternatives.

In Britain, the rapeseed area for this year's harvest is thought to have fallen to a 13-year low, partly due to problems with cabbage stem flea beetles.

The *NEW* Wheat King
AAC Brandon
 CWRS Wheat

Proud supporter of
Wheat Kings

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

Genes that fit your farm.®
800-665-7333 www.secan.com

Certified Seed **PBR** Developed by Agriculture & Agri-Food Canada, Swift Current. Genes that fit your farm® is a registered trademark of SeCan.



Big data and agriculture markets: Part 3

Options-based strategies can help get more out of a chaotic market filled with randomness and unpredictability

BY DAVID DERWIN
PI FINANCIAL CORP.

The previous article in this three-part series addressed some of the main myths and misperceptions of commodity hedging. This final segment looks at some practical solutions for improving farm marketing and commodity revenue protection.

In David Orrell's book *Apollo's Arrow: The Science of Prediction and the Future of Everything*, he writes about the unpredictability and randomness of most evolving systems, especially the financial and commodity markets: "Not only is the market subject to random external effects, but its own reaction to that news will also to some degree be random."

As a result, many hedging and trading strategies struggle with the lack of success by trying to predict prices.

How can farmers apply the findings of the research presented in these articles to sell their commodities more efficiently and effectively?

The options advantage

The research concludes that markets are random and that we don't know where they are going. That doesn't mean you don't proactively analyze prices to manage your revenues. It just means that option-based protection strategies using puts and calls (similar to insurance) are ideally suited to this type of environment. Options allow you to more effectively manage market exposure and more efficiently adjust hedge positions to balance your physical commodity.

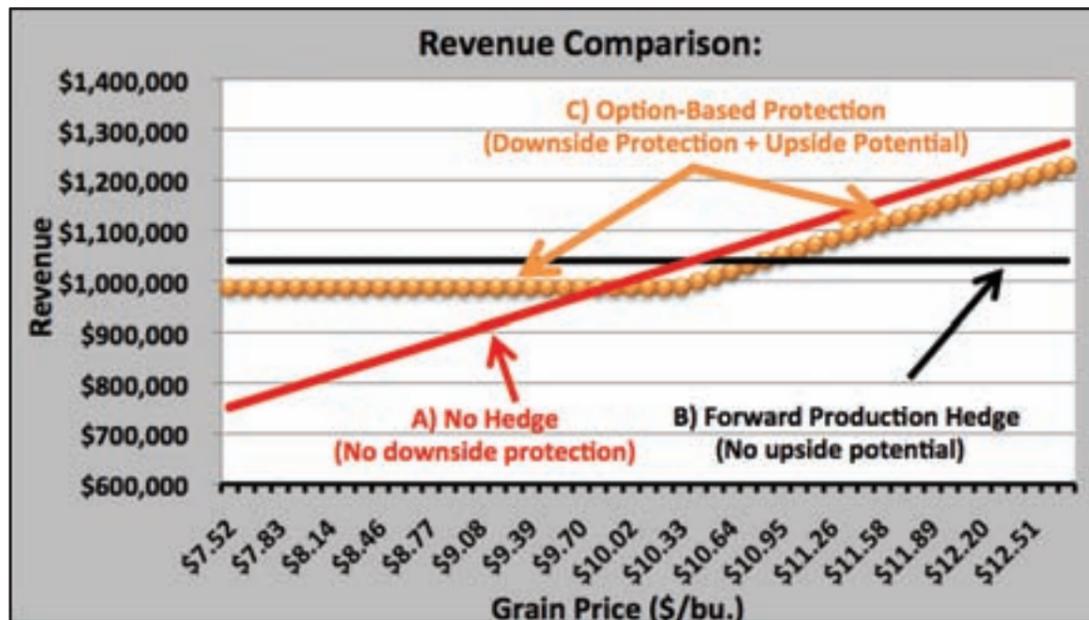
Yet, only five to 10 per cent of Canadian farmers are using open-market exchange-traded risk management tools. Farmers have been hesitant to incorporate hedging into their operations. Why?

Based on hundreds of discussions with farmers, there are three main reasons that, in addition to the myths and misperceptions noted above, make trading psychologically, mentally and emotionally challenging. Option-based strategies using puts and calls offer a solution to the three issues:

- No production commitments or delivery risk.
- Not locking in prices: downside protection you need and the upside potential you want.
- Minimal capital needed with minimal futures contract margin requirements.

Overall, option-based protection strategies offer unique practical benefits because they are:

- Easy to use and understand since they are similar to insurance.
- A better way to set a target price contract. You avoid the all-or-nothing pricing decision. Options protect your downside risk without limiting the upside of your cash market sales.
- A source of staying power to actually capture the longer-term trends that do develop. Since agriculture markets are typically random and non-trending in the short and medium term, you minimize drawdown losses, margin calls and getting "stopped-out," often associated with futures contract trading.



- Better suited to farm operations whose focus is to produce the grain or livestock under uncertain conditions. Futures better suit processors, soybean crushers or grain elevator companies that have a flow-through operation with built-in profit margin. Options are better designed for farm operations whose focus is to produce the grain or livestock under uncertain conditions.

- Suited to various market conditions, allowing you to determine the level and range of protection you want by selecting from a variety of strategies. With options, you have more tools that are right for the job.
- Suited to your unique market advantage, the physical commodity position.

Forward production or futures contracts take away that advantage by locking in a price and giving away the upside potential.

Bottom line, which revenue profile would you most like to have?

- No hedge: completely subject to market volatility with all the upside potential but all the downside risk.
- Forward production/futures contract: no downside, but no upside.
- Option-based protection: downside protection you need, upside potential you want.

Your bottom line

We already know that five to 10 per cent of Canadian farmers use all the tools available to fully and properly manage revenue. There are many reasons for this including some very fundamental market-based myths and misperceptions that affect the efficiency and effectiveness of farm marketing.

This research shows incorporating big data analysis and precision farming into a marketing plan gives farm businesses an edge.

You are not trying to beat the market. You are trying to improve the overall success of your farming operation. Your edge is your physical position, option strategies and the fact that you don't always have to be in the market, or use directional futures or production contracts. (Sometimes the best decision is to be patient and not do anything.)

Exchange-traded commodity options strategies can be used alongside production or basis

contracts to enhance delivery and storage decisions.

So don't play the game of guessing where markets are going. Instead, accept and use uncertainty and randomness to your advantage with option-

based hedging strategies. Farm businesses can become more profitable by incorporating a robust, disciplined revenue management program rather than overanalyzing markets or trying to predict prices.

"The research concludes that markets are random and that we don't know where they are going. That doesn't mean you don't proactively analyze prices to manage your revenues."

David Derwin is a commodity portfolio manager with PI Financial Corp. The views here are his own, presented for educational purposes, rather than as specific market advice. For a copy of the complete research study "Farming Big Data — Myths, Misperceptions & Opportunities in Agriculture Commodity Hedging" contact him at dderwin@pifinancial.com.

NEW

GoDRI



Paradigm™

HERBICIDE

ARYLEX™
ACTIVE

Solutions for the Growing World

DOW Dow AgroSciences

New wheat class a mixed bag

Looming changes to the CNHR class will likely dilute some of the current benefits of the varieties that currently call it home

BY GORD GILMOUR
STAFF/BRANDON, MAN.

The Canadian Northern Hard Red (CNHR) wheat class is poised to expand Aug. 1, 2018 — but no one is exactly sure how the change is going to play out.

The new CNHR class is already home to U.S. dark northern varieties, such as Faller, Prosper and Elgin ND. Next summer they'll be joined by an additional 25 CWRS varieties and four CPSR varieties to round out the new class. Popular varieties like Harvest and Kane are included in this shuffle.

A panel discussion last month at Manitoba Ag Days highlighted more questions than answers and a growing sense the move may come with some growing pains as CNHR finds its markets.

Developing

The expansion of the class raises a few questions, said Lynne Sweeney, Richardson International's assistant vice-president of quality assurance and food safety.

She said she worries that the



Jason Voogt (l), Lynne Sweeney and Fred Grieg all say there will be a learning curve as the CNHR wheat class finds its feet. PHOTO: GORD GILMOUR

boundaries of the new class are so broad they will dilute the value.

"It's going to be all over the map, quite frankly," she said. "Nobody knows if we're going to get any value after it becomes this melting pot."

However, some areas it may find a good fit. It could be used in

a blend with CWRS when selling to customer specification, rather than formal grade. But it's hard to see whether a market for the entire class will evolve.

"There are lots of places buyers can get their arms around a mid-protein wheat at a freight advantage over Canada," she said.

The creation of the new class arose from the need to tighten up standards in Canada's premier CWRS milling wheat class, which had become more pressing as varieties towards the lower end of the protein spectrum became more popular.

"It didn't just pop up out of nowhere," Sweeney said. "From this need to protect Canada's reputation, a desire to realign the varieties/classes grew. The varieties in this new class are better than general purpose, but are not CWRS quality."

For wheat buyers, consistency is king.

"They want it to behave the same way each time we sell them a shipment and they take a portion of that shipment into their mills and other production facilities."

They also value a consistent year-round and year-to-year supply, she said.

Takes time

Fred Grieg, a seed grower and chair of the Manitoba Wheat and Barley Growers Association, said he's expecting to see some opportunities emerge over time. But in the end, it will be individual farmers making the choice to grow the varieties. He sees some headwinds that will have to be overcome.

"We'll need to evaluate their FHB susceptibility, DON production and standability," Grieg said. "After harvest there will be a smaller pool to blend into, so lower grades will go into feed, at about a nine per cent discount."

Grieg also said he expects to see market share grow for some of the CNHR varieties but possibly through an identity-preserved (IP) system.

"There are some IP contracts available for Faller and Prosper," Grieg said. "(British baker) Warburtons is one example."

Grieg said he suspects differential pricing opportunities, balanced off against higher expected production, will be the subject of some serious pencilling by producers.

"Faller or Prosper have a 20 per cent yield advantage, but one per cent of protein is about a 16 per cent price discount," he said.

One of the biggest challenges will be making sure some of the other varieties have markets, he said, and added that Faller and Prospect both seem to have the best market potential right now.

"We can grow others, but we better make darned sure we have a market," he said.



High-yielding U.S. varieties like Elgin ND make up the CNHR wheat class right now, but they're going to get some company in 2018.

PHOTO: NDSU

"Nobody knows if we're going to get any value after it becomes this melting pot."

LYNNE SWEENEY

Agronomy

The varieties perform very differently in the field, and farmers need to understand these differences to grow them successfully, said Jason Voogt, a Manitoba crop adviser.

"Faller uses plant nitrogen more efficiently to produce more grain yield than Glenn," he said. "Glenn uses plant nitrogen more efficiently to produce grain protein. There are actually genetic-agronomic interactions that are causing these differences."

Farmers are using various strategies to address these differences, including split nitrogen applications to reduce lodging, environmentally safe nitrogen to increase nutrient efficiency and post-anthesis nitrogen to increase grain protein, he said.

"Spraying three pounds of UAN just after flowering will likely see them get an additional 0.5 to one per cent protein," he said.

He also warned growers to be mindful that fusarium resistance levels can vary a lot.

"This is not a class issue, it is variety specific," he said. "You can find both good and bad resistance in any class."

gord.gilmour@fbcpublishing.com

4:30 a.m.
It's 2° outside.
Dance recital at three.
It's **GO** time.

GET IT DONE NO MATTER WHAT. Just GO with Paradigm™ to control your standard broadleaf weeds in hot, cold, big, small, early or late conditions.

VALUE THAT WON'T SLOW YOU DOWN.
Go to dowagro.ca

SAVE UP TO
\$5.15 PER ACRE
when you book by
March 15, 2017 with
Diamond Rewards™.

Canada's supply management model for world: MacAulay

A new, national dairy ingredient strategy has yet to be implemented, but that hasn't stopped southern farmers from fretting

BY SHANNON VANRAES
STAFF

If American dairy producers are upset with new ingredient strategies north of the border, Canada's federal government hasn't heard about it — at least not through official channels.

Federal Agriculture Minister Lawrence MacAulay said he isn't aware of protectionist concerns coming out of the U.S. and that the federal government remains committed to supply management.

"What I do as minister is deal with issues as they come forward and there has been no action taken yet, and you deal with issues as

they come forward," said MacAulay. "I've stated many times, I think our supply management system is a model for the world and our government strongly supports our supply management system, but the new ingredient strategy was put together by the dairy farmers and manufacturers and that is their prerogative."

While provinces such as Manitoba and Ontario have already implemented a new class of milk to encourage production of dairy ingredients like skim milk powder, attempts to implement a national ingredients strategy have not been successful to date. A deadline of Feb. 1 had been set by the Canadian dairy industry to implement

a lower-priced class of milk known as Class 7, but that deadline was not met.

Even so, a widely circulated letter from the National Association of State Departments of Agriculture, the U.S. Dairy Export Council, National Milk Producers Federation and the International Dairy Foods Association calls on U.S. President Donald Trump to target Canada's dairy sector for so-called protectionism.

"The entire U.S. dairy industry is being hurt, as milk prices are being driven down nationally by Canada's trade actions," the letter reads.

MacAulay said recent meetings between Canadian and U.S. offi-

cial, including a meeting between Trump and Prime Minister Justin Trudeau, shows that trade continues to be an important factor in bilateral relations and that that recognition will inform discussions around any issues that arise.

"They are our biggest trading partner, we are great friends, we have \$2 billion a day going over the border," he said. "It's obvious that both sides realize that trade is vitally important for the economy of both countries and I would feel and hope it's straight ahead, just more business... more dollars for the Canadian and American economy."

shannon.vanraes@fbcpublishing.com

"It's obvious that both sides realize that trade is vitally important for the economy of both countries."

LAWRENCE
MACAULAY



INFINITY[®] FX

THE BROADLEAF PREDATOR

It's time to get territorial. Strike early, hard and fast against your toughest broadleaf weeds. Now you're on the hunt, hot on the trail of your prey, the air thick with the smell of their fear.

Lethal to cleavers and other broadleaves, Infinity[®] FX is changing the landscape of cereal weed control.

NEW

 Bayer

EARLY BOOK BY MARCH 17, 2017
SAVE UP TO \$2/ACRE
ASK YOUR RETAILER FOR DETAILS

cropscience.bayer.ca/InfinityFX 1 888-283-6847 @Bayer4CropsCA

Always read and follow label directions. Infinity[®] is a registered trademark of the Bayer Group.
Bayer CropScience Inc. is a member of CropLife Canada.

O-52-10/16-10521918-E

NEW HOLLAND DEALERS



'16 New Holland CR8.90

Eng: 333 / Sep: 267 - 620/70R42 Duals, Mech Trap, 90mm Cyl, Leather Seat, Ext Wear Pkg, LED Light Pkg, 8.9m Unload Auger, 4-Row Chopper
\$475,000 - Swift Current



'15 New Holland CR8.90

Eng: 547 / Sep: 410 - 620/70R42 DUALS, MECH TRAP, 90mm CYLINDERS, LEATHER SEAT, EXT WEAR ELV, LED LIGHT PKG, 8.3m UNLOAD AUGER, 4-ROW CHOPPER
\$449,000 - Swift Current



'14 New Holland CR7090

Eng: 1072 / Sep: 782 - '14 UPGRADE, 520/85R42 DUALS, ELEC TRAP, 80mm CYL, LEATHER SEAT, EXT WEAR PKG, DLX CHOPPER, HID LIGHT PKG
\$275,000 - Swift Current



'13 New Holland CR7090

Eng: 1167 / Sep: 763 - 520/85R42 DUALS, ELEC TRAP, 80mm CYL, LEATHER SEAT, EXT WEAR PKG, DLX CHOPPER, HID LIGHT PKG
\$250,000 - Swift Current



Eng: 1692 / Sep: 1266 - 900/60R32 SINGLES

\$159,000 - Moose Jaw



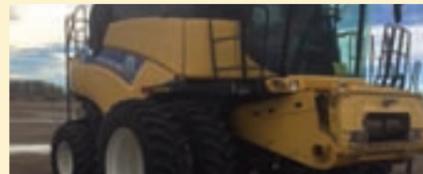
'13 New Holland CR8090

Eng: 1156 / Sep: 890 - 520/85R42 DUALS, MECH TRAP, LEATHER SEAT, 90mm CYL, EXT WEAR PKG, DLX CHOPPER, HID LIGHT PKG
\$349,000 - Medicine Hat



'04 New Holland CR940

Eng: 3151 / Sep: 2325 - DELUXE CAB, YIELD AND MOISTURE MONITOR
\$99,000 - Swift Current



Eng: 1072 / Sep: 782 - '14 UPGRADE, 520/85R42 DUALS, ELEC TRAP, LEATHER SEAT, EXT WEAR PKG, DLX CHOPPER, HID PKG

\$275,000 - Brooks



'10 New Holland CR9090Z

Eng: 1018 / Sep: 786 - 900/60R32, ELEC TRAP, AUTOGUIDANCE, HID LIGHT PKG
\$285,000 - Brooks



'14 New Holland CR8090

Eng: 614 / Sep: 448 - '14 UPGRADE, DUALS, MECH TRAP, 80mm CYL, DLX CHOPPER, EXT WEAR PKG, HID LIGHT PKG, ENG AIR COMPRESSOR, 8.3m AUGER
\$425,000 - Swift Current



'14 New Holland CR9090

Eng: 631 / Sep: 441 - '14 UPGRADE, 620/70R42 DUALS, MECH TRAP, 90mm CYL, LEATHER SEAT, EXT WEAR PKG, 4-ROW CHOPPER, HID LIGHT PKG
\$449,000 - Shaunavon



'11 New Holland CR9080

Eng: 1789 / Sep: 1322 - 620/70R42 DUALS, ELEC TRAP, 80mm CYL, LEATHER SEAT, EXT WEAR PKG, DLX CHOPPER, HID LIGHT PKG
\$249,000 - Shaunavon



Eng: 950 / Sep: 810 - 620 DUALS, MECH TRAP, PSD CHOPPER, LEATHER INTERIOR, AUTO STEER, HD CYLINDERS

\$295,000 - Taber

2012 New Holland CR8090 Combine Engine Hours: 1146 Sep Hours: 831 YCG115551	\$320,000 SC
2013 New Holland CR8090 Combine Engine Hours: 1017 Sep Hours: 778 YDG118015	\$349,000 SH
2013 New Holland CR8090 Combine Engine Hours: 830 YDG116711	\$349,000 MH
2014 New Holland CR8090 Combine Engine Hours: 705 Sep Hours: 519 YDG118054	\$359,000 SH
2014 New Holland CR8090 Combine Engine Hours: 550 YEG118872	\$425,000 SC

2014 New Holland CR8090 Combine Engine Hours: 614 Sep Hours: 448 YEG118934	\$425,000 SC
2013 New Holland CR9090 Combine Engine Hours: 842 Sep Hours: 573 YDG116744	\$360,000 SH
2009 New Holland CR9070 Combine Engine Hours: 1997 Sep Hours: 1455 Y9G113117	\$219,000 SH
2011 New Holland CR9070 Combine Sep Hours: 1820 YBG114058	\$219,000 SC
2010 New Holland CR9060 Combine Engine Hours: 1692 Sep Hours: 1266 Y9G113084	\$159,000 SC

2005 New Holland CR960 Combine Engine Hours: 2954 Sep Hours: 2175 HAJ102214	\$99,000 MJ
2011 New Holland CX8080 Combine Engine Hours: 3500 311778019	\$149,000 SC
2015 New Holland 880CF Header Combine Width in Feet: 40'W YFH042470	\$85,000 SC
2012 New Holland 94C Header Combine Width in Feet: 40'W 40GB111274	\$55,000 SC
2015 Honey Bee Airflex F45 Header Combine Width in Feet: 45'W 504645AF15	\$80,000 SH



ROBERTSON IMPLEMENTS

SHAUNAVON
306-297-4131

SWIFT CURRENT
306-773-4948

MOOSE JAW
306-692-7844

TABER
403-223-4437

MEDICINE HAT
403-528-2800

BROOKS
403-362-6256

www.robertsonimplements.com

BEING EQUIPPED FOR TOMORROW STARTS TODAY.

0% FINANCING* OR CHOOSE CASH BACK!

ACT TODAY! OFFER ENDS SOON.

Stop by or learn more at newholland.com/na



*For commercial use only. Offer subject to credit qualification and approval by CNH Industrial Capital Canada Ltd. See your New Holland dealer for details and eligibility requirements. CNH Industrial Capital Canada Ltd. standard terms and conditions will apply. Depending on model, a down payment may be required. Offer good through March 31, 2017, at participating New Holland dealers in Canada. Offer subject to change. Taxes, freight, set-up, delivery, additional options or attachments not included in price. © 2017 CNH Industrial Capital America LLC. All rights reserved. New Holland Agriculture is a trademark registered in the United States and many other countries, owned by or licensed to CNH Industrial N.V., its subsidiaries or affiliates. CNH Industrial Capital is a trademark in the United States and many other countries, owned by or licensed to CNH Industrial N.V., its subsidiaries or affiliates.



LUXXUR™

HATES WEEDS AS MUCH AS YOU DO.

There's nothing quite like knowing the worst weeds in your wheat fields have met with a fitting end. Following an application of Luxxur™ herbicide, you can have peace of mind that your wild oats and toughest broadleaf perennials have gotten exactly what they deserve.

SPRAY WITH CONFIDENCE.



cropscience.bayer.ca/Luxxur 1 888-283-6847 @Bayer4CropsCA
Always read and follow label directions. Luxxur™ is a trademark of the Bayer Group.
Bayer CropScience Inc. is a member of CropLife Canada.

THE HIGH (AND CONFUSING) TARIFF WALL

There is a number of food products that is currently subject to tariffs when entering Europe, some with punishingly high levies. Under current rules, there is no tariff on whole pulses, unless they are in a can – then the tariff is 19.2 per cent. Pulse flour and pulse meal face a 7.7 per cent tariff. Some tariffs are subject to one tariff based on value and a second one based on weight. For example, cereals in grain or flake form face an 8.3 per cent tariff plus a fee of 275.7 euros per 100 kilograms. However, cereals that have been roasted or ‘puffed’ face tariffs of up to 5.1 per cent plus 33.6 euros per 100 kilograms. — Staff

BARLOW AND LE PEN FIND COMMON CAUSE

Opposition to the trade deal with Europe has created some strange bedfellows. Maude Barlow, chair of the Council of Canadians, said the deal benefits multinationals at the expense of citizens. She said she is hopeful it will eventually be stalled or defeated. “European opposition to CETA is strong and 38 national and regional parliaments still have to ratify the deal,” Barlow said in a statement. “Referendums, legal challenges, elections and other obstacles still stand in the way of implementation.” Meanwhile far-right French presidential candidate Marine Le Pen is also vowing to fight the deal because it favours big global corporations. “Multinationals will be able to attack governments in a privatized court system,” she said. — Staff

MORE NEWS

From cheese to maple syrup, what’s in EU-Canada trade deal?

STRASBOURG/REUTERS

Here are some of the details of the 1,598-page Comprehensive Economic and Trade Agreement:

Economic boost

Canada is the European Union’s 12th most important trading partner. The EU is No. 2 for Canada, accounting for nearly 10 per cent of its external trade in goods. CETA could boost bilateral trade by more than 20 per cent, says a joint EU-Canada forecast.

Tariffs

The deal will eliminate tariffs on almost 99 per cent of goods. Current Canadian duties can be up to 18 per cent.

Agriculture

Will reduce tariffs on just over 90 per cent of agricultural products. So for example, an eight per cent EU duty on maple syrup will go. Canada will be able to increase its duty-free exports in stages to 80,000 tonnes of pork, 50,000 tonnes of beef, and 100,000 tonnes of wheat. EU dairy producers will be able to export more than double the amount of ‘high-quality’ cheeses to Canada. Tariffs will remain on poultry, meat and eggs.

Regional food products

Canada will protect the special status of certain EU regional products, such as Prosciutto di Parma ham from Italy and Camembert cheese from France.

Public procurement

Federal, provincial and municipal governments in Canada have committed to open their markets for procurement to European suppliers, a first for Canada in any trade deal, for example in urban transport.

Federal government contracts are estimated to be worth some C\$15 billion to C\$19 billion per year and those of Canadian municipalities at around C\$112 billion.

Services

The European Union sees around half of the overall GDP gains coming from liberalizing trade in services — notably financial, telecoms, energy and maritime transport. Professionals such as for architects, accountants or engineers will be mutually recognized, making it easier for them to offer their services.

Investment

The agreement aims to remove barriers to and enhance protection of foreign direct investment between the two parties, currently worth some 340 billion euros. It also covers investment protection, the most controversial aspect of the treaty, which critics say will allow multinational companies to dictate public policy. Supporters say the investment court system fully answers those concerns.

EU trade deal moves forward but questions remain

BY ALEX BINKLEY
AF CONTRIBUTOR

With ratification by the European Parliament and the House of Commons, the Canada-Europe free trade deal known as CETA has taken a giant step forward.

But questions remain about its full implementation.

Prime Minister Justin Trudeau said the ratification is an important milestone “that will bring virtually all significant parts of the agreement into force by spring 2017.”

And if Europe and Canada can’t make the deal work as intended, it could kill any hopes for other significant free trade deals, Trudeau added.

While welcoming the ratification, the Canadian Agri-Food Trade Alliance cautioned that there are still important issues to resolve.

“We need to make sure that the agreement delivers on its promises,” said Brian Innes, the organization’s president. “Non-tariff barriers will prevent a large part of the agri-food sector from using the agreement if they are not resolved.”

As well, EU treatment of crop input products, such as biotechnology, and Canadian meat-processing systems are serious issues that need to be addressed before the agreement comes into force, he said.

There also needs to be a strong advocacy strategy and a comprehensive implementation plan for agriculture and agri-food exporters that will deliver real access for Canadian

companies once the trade doors are opened, he said.

“CETA will be a significant boost for our economy, our companies and our communities, if the Canadian government gets the details and path forward right,” he said. “CETA provides the opportunity to be ahead of our main competitors in the largest economy in the world.”

If all the barriers are resolved, the deal will eliminate EU tariffs on 94 per cent of Canada’s agri-food products, and could drive additional exports of up to \$1.5 billion, including \$600 million in beef, \$400 million in pork, \$100 million in grains and oilseeds, \$100 million in sugar-containing products and a further \$300 million in processed foods, fruits and vegetables.

The Canadian Meat Council also welcomed the deal’s ratification but noted that resolution of important technical barriers was essential if the possibility of increased exports to Europe are to come to pass.

“The industry appreciates the continuing endeavours of Canadian negotiators to ensure a commercially viable outcome for the Canadian livestock and meat sector,” said Troy Warren, the council’s chair. “We ask that the Canadian and EU governments commit to the resolution of all technical barriers that prevent the provisions of the CETA from being implemented as envisaged by the negotiators. While the industry recognizes that certain barriers may require additional work, others should be resolvable quickly.”

The deal means Europe keeps unlimited duty-free access to the Canadian

Trudeau says that if Europe and Canada can’t make the deal work as intended, it could kill any hopes for other significant free trade deals.

market for pork and obtains unlimited duty-free access for beef and veal and unlimited duty-free access for prepared meats.

Meanwhile the Angus Reid Institute says its latest public opinion survey found that Canadians are five times more likely to say they support CETA than to say they oppose it. However, these numbers represent a notable softening in support in recent years, with just over one in three people saying they “don’t know” how they feel, the institute said.

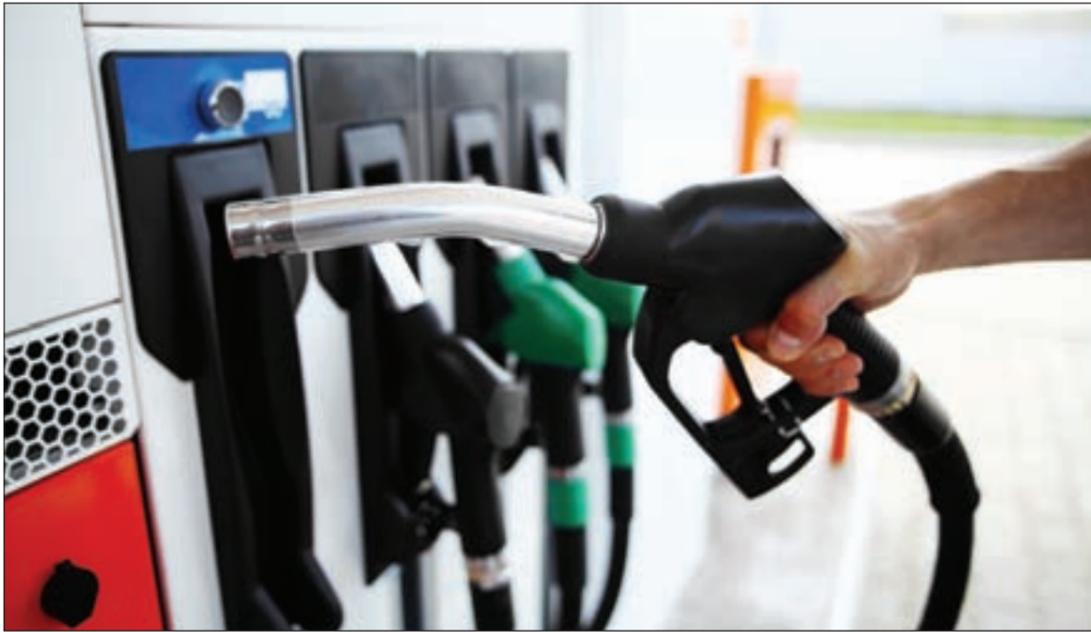
Europe remains a preferred trade target for Canadians, coming second only to Canada’s largest trading partner, the United States. Significant numbers also want the country to try to develop closer trade ties with China and the United Kingdom, which finds itself in need of economic allies as it prepares for a post-Brexit reality, the institute said.



European lawmakers have overwhelmingly voted to begin implementation of the Comprehensive Economic and Trade Agreement with Canada. PHOTO: CREATIVE COMMONS/DILIFF

Former environmental official defends biofuels

In a new report, a former Ontario environment commissioner says criticism of biofuels by a group of financial heavyweights is wrong



Duelling biofuel reports paint a very different picture of the impact of biofuel mandates. PHOTO: THINKSTOCK

BY ALEX BINKLEY
AF CONTRIBUTOR

Former Ontario environment commissioner Gord Miller is taking on some financial heavyweights in his ongoing defence of government support for biofuels.

In a report called *Staying the Course*, Miller blasts the Ecofiscal Commission, an economics think-tank, for calling for an end to the federal and provincial biofuel mandates because they're too costly for the environmental improvement they deliver.

"Ecofiscal's recommendation would result in more emissions; poorer air quality; increased consumer costs; and shut down clean technology research and development being conducted by the biofuels industry," Miller said.

"There's no good argument that

this course needs correction. Now is the time to keep a firm grip on the tiller and continue staying the course. Canada must not abandon renewable fuel mandates, the single largest guaranteed source of transportation fuel emission reductions."

Ecofiscal says carbon pricing will reduce emissions at a lower cost.

When compared with other policies, especially carbon pricing, biofuels are clearly not the most cost-effective approach to reducing GHG emissions, the commission says in its own report.

That report says biofuels have been costly for consumers and inhibited the development of emerging low-carbon technologies. Decarbonizing the transportation sector will involve many different and competing technologies and the technologies that prove the most effective and economically viable should win the day.

A pan-Canadian carbon price "is the most effective and cost-effective way to achieve Canada's climate targets. Achieving a broad-based carbon price in Canada will shift the incentives for developing and deploying low-carbon technologies," Ecofiscal's report reads.

Among Ecofiscal's commissioners are a former associate deputy minister of finance, a former chief clerk of the federal Privy Council, and other heavyweights on the Canadian financial scene.

But Miller said the economic and environmental case for Canadian biofuel policies and mandates is "quite different" from the negative assessment Ecofiscal presents.

"Biofuel mandates are key to any effective climate policy and should be increased by Canadian governments contrary to Ecofiscal's recommendations," he said.

"If the recommendation to phase out renewable fuel mandates was adopted by government, the policy structure shaping the biofuels industry would change profoundly, there would be serious implications to the existing industry and ongoing research into next-generation low-carbon fuels, and there would be negative environmental and economic implications."

Ecofiscal made a serious error in concluding that ethanol was too costly an octane source for conventional gasoline and treating ethanol as a substitute for gasoline, he said.

"Gasoline must be blended to achieve an anti-knock performance standard referred to as octane," he said. "Producing the required octane with a mixture of petroleum hydrocarbons while meeting pollution standards is expensive."

As for Ecofiscal's doubts about biofuels reducing air pollution, Miller said reviews have consistently found "adequate evidence of substantive improvements in air emissions especially at the tailpipe where in urban areas the health effects of poor air quality are most problematic."

IT'S MORE THAN A NEW FUNGICIDE. IT'S A NEW ERA.

Setting the new standard with two industry-leading active ingredients that target sclerotinia.

Cotegra™
Fungicide

With the rise in sclerotinia across Western Canada, a better management solution couldn't have come at a better time. New Cotegra™ fungicide combines two industry-leading active ingredients targeting sclerotinia in a multiple-mode-of-action premix. It provides better protection against this yield-robbing disease in canola, pulses and soybeans. In other words, Cotegra is more than a game changer. It changes everything. For more information, visit agsolutions.ca/cotegra.

BASF
We create chemistry

Always read and follow label directions.

AgSolutions is a registered trade-mark of BASF Corporation; COTEGRA is a trade-mark of BASF SE; all used with permission by BASF Canada Inc. COTEGRA fungicide should be used in a preventative disease control program. © 2017 BASF Canada Inc.

AG EQUIPMENT DEALS ON THE GO!

AGDealer MOBILE

SCAN TO DOWNLOAD THE APP »»»



Phosphate: The fertilizer that would rather be a rock than nourish plants

There is a lot of phosphate in soil but most of it is tied up, including some in a form 'about as useful as gravel'



Soil scientist Don Flaten fields questions from farmers following his presentation at a farm show in Brandon, Man. last month. PHOTO: GORD GILMOUR

BY GORD GILMOUR
STAFF

All phosphate fertilizers might not be created equal — but in the end they all wind up that way.

That's because it's a highly reactive compound and over time, the very different sources of phosphate applied to farm fields interact with soil and organic material to eventually revert to phosphate rock, said Don Flaten, a University of Manitoba soil science professor.

In some cases, that means several transformations for the products, he said during a recent farm show presentation.

"It's a very reactive compound," Flaten said. "Over time, a lot of different sources of P become the same old stuff."

That can mean there's ample phosphate present in the soils, but little available for plant use, he said.

"There's lots of P in our soils, as much as 1,000 to 2,000 pounds, but most of it is tied up," Flaten said. "P gets stuck onto all sorts of different stuff all the time."

That means that in the year of application, phosphate fertilizer efficacy is somewhere in the neighbourhood of 10 to 20 per cent.

"A lot of it winds up down here attached to soil particles or incorporated into soil solids," he said.

That's because there's only one type of phosphorus that's usable by the plant — orthophosphorus.

"It's not in chains, there's a single P atom per molecule," Flaten said.

It's difficult to predict how quickly it will be released in other forms bound to the soil.

Farmers are advised to continue to fertilize since common phosphorus fertilizers, such as 11-52-0, follow predictable pathways. It first reacts very quickly with the soil calcium and magnesium to form dical (dicalcium phosphate dihydrate) which is similar to mineral supplements fed to livestock.

It later forms octacalcium, which we all carry around in our teeth and bones. Neither are readily plant available, but are still better than the next, and final, step in the transformation, when it becomes phosphate rock, Flaten said.

"This is the form phosphate wants to be," Flaten said. "It's about as useful as gravel as a fertilizer."

As needed

This inevitable transition means some of the best strategies for producers equal giving the plant exactly what it needs when it needs it. For example starter phosphorus on wheat crops, Flaten said, which seems to work well in research trials.

"It made a big difference in the early-season vigour of that wheat crop," Flaten said, pointing to trial results. "Even a small amount of starter P can make a big difference in cold soils in the spring, even just 10 pounds."

Farmers in Western Canada seem to have a good handle on what works in their conditions, he said. Monoammonium phosphate (MAP), typically 11-52-0, currently holds about 90 per cent of the market in the region.

"The last 75 years have set the stage for this," Flaten said. "Farmers didn't just pick this out of thin air."

On the U.S. side of the line, the preferred phosphate source is triple super, or calcium dihydrogen phosphate as it's also known. Little is sold north of the border, and Flaten said that's a good thing. Soil calcium in this region is already doing a too-effective job of tying up soil phosphate, he said.

"Calcium goes after phosphate ions like a fox to a chicken," he said. "Triple super has calcium in it, so you're buying foxes with your chickens."

Flaten also said the most cost-effective phosphorus source is hog manure, and he was encouraged that many farmers seem to be adopting it.

CETA clears final hurdle to provisional implementation

National parliaments still need to vote on the deal which supporters say will boost transatlantic trade by 20 per cent

BY PHILIP BLENKINSOP
STRASBOURG/REUTERS

Ratification of the Comprehensive Economic and Trade Agreement will boost growth and jobs on both sides of the Atlantic, say both Canada and the European Union.

The two parties can claim a success for their open markets policy after months of protest and uncertainty and in the face of U.S. President Donald Trump, who has withdrawn from the Trans-Pacific Partnership and wants to rework the North American Free Trade Agreement.

European Parliament lawmakers backed the Comprehensive Economic and Trade Agreement (CETA) by 408-254 vote earlier this month, meaning large parts of the EU-Canada deal, notably tariff reduction, will finally enter into force some eight years after negotiations began.

CETA has been the focus of demonstrations in Europe led by trade unions and protest groups that say it will lead to a race to the bottom in labour and environmental standards and allow multinational corporations to dictate public policy.

The chief point of contention is the deal's system to protect foreign investors, which critics say can lead to cases such as Philip Morris's challenge, albeit unsuccessful, of plain tobacco packaging in Australia.

Supporters say the right to regulate is enshrined in the treaty and CETA has replaced closed arbitration panels with transparent and independent courts to settle disputes.

Full implementation of CETA, including investment, will only ensue after clearance by more than three dozen national and regional parliaments, by no means a certainty. Opposition in the Belgian region of Wallo-

nia threatened to kill the deal last year.

One left-wing group in the parliament said CETA still faced defeat in national assemblies, referendums or at the European court.

Backers say CETA will increase Canadian-EU trade by 20 per cent and boost the EU economy by 12 billion euros a year and Canada's by \$12 billion yearly.

For Canada the deal is important to reduce its reliance on the neighbouring United States as an export market. For the EU, it is a first trade pact with a G7 country and a success at a time when the bloc's credibility has taken a beating from Britain's vote last June to leave the bloc.

The EU recognizes EU-U.S. trade talks are frozen, but wants CETA to be just one of a series of ambitious trade deals it plans with countries including Vietnam, Japan and Mexico.

- ✓ moderately resistant to fusarium
- ✓ replacement for AC Foremost
- ✓ next generation of milling quality for CPS
- ✓ great option for intensive management

Genes that fit *your* farm.®

800-665-7333 secan.com



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



A new genetic study could make quinoa more consumer friendly over time. PHOTO: THINKSTOCK

Genetic study may make ancient Inca's quinoa a grain of the future

The findings could pave the way to breeding out the bitter saponins that must currently be washed off post-harvest

BY WILL DUNHAM
WASHINGTON/REUTERS

Quinoa, the sacred “mother grain” of the ancient Inca civilization suppressed by Spanish conquistadors, could become an increasingly important food source in the future thanks to genetic secrets revealed in a new study.

Scientists say they have mapped the genome of quinoa

and identified a gene that could be manipulated to get rid of the grain's natural bitter taste and pave the way for more widespread commercial use.

Quinoa (pronounced KIN-wah) already grows well in harsh conditions such as salty and low-quality soil, high elevations, and cool temperatures — meaning it can flourish in locales where common cereal crops like wheat and rice may struggle. But the presence of toxic and bitter chemicals called saponins in its seeds has been one of the impediments to extensive cultivation.

Plant scientist Mark Tester of King Abdullah University of Science and Technology in Saudi Arabia said the research pinpointed a gene that guides production of saponins in quinoa. This knowledge could enable breeding of quinoa without saponins, to make the seeds sweeter.

“Quinoa is currently greatly underutilized. It is highly nutritious, with a high protein content that, importantly, has a very good balance of amino acids, which is unusual for our major grains.”

MARK TESTER

Currently, quinoa grain must be processed through washing and drying after harvest to remove saponins.

“Quinoa is currently greatly underutilized,” said Tester. “It is highly nutritious, with a high protein content that, importantly, has a very good balance of amino acids, which is unusual for our major grains. It is gluten free and high in vitamins and minerals, too.”

Increased quinoa production could improve food security on a planet with unrelenting human population growth, Tester said.

There are potential disadvantages to reducing saponins, perhaps increasing susceptibility to fungal infections or bird predation, Tester added.

Quinoa, which boasts a nutty flavour, can be used the same ways as rice and wheat. It is still a minor crop globally, grown mostly in Peru and Bolivia. It has become fashionable in the West in recent years, primarily as a health food.

VERSATILE



www.versatile-ag.ca



RED

YELLOW

BLACK

IT'S MORE THAN PAINT. IT'S A LEGACY.

Versatile has been manufacturing simple, reliable and powerful tractors for more than 50 years. The legacy that you know is now available in a full line of machinery including row crop, four-wheel drive and DeltaTrack tractors, self-propelled sprayers, combines and precision seeding & tillage equipment. Now available in the colours that made Versatile famous. See more at www.versatile-ag.ca.

Minnesota investigates origin of resistant Palmer amaranth

North Dakota has a similar problem, also thought to spring from contaminated conservation planting mixes

REUTERS

Minnesota has launched an investigation to find the source of seed mixes contaminated with weed seeds after the aggressive, herbicide-resistant Palmer amaranth weed was found on 30 areas planted in a federal conservation program.

The weed grows very fast, reaching up to eight feet in height and can hold back commercial crops, potentially threatening hundreds of millions of dollars of production.

Yield losses have been reported of up to 91 per cent in corn and 79 per cent in soybeans, according to the USDA.

The U.S. federal Conservation Reserve Program pays farmers to return tilled

acreage to native plants. The Minnesota investigation is seeking to determine if the program inadvertently introduced the weed into the state. Officials tracked down the weed on the conservation areas in the southwestern part of the state, after the person who created the seed mix and planted it said that the plots might be contaminated.

The Agriculture Department now has a DNA test for Palmer amaranth seeds, as the seed cannot be distinguished from other weed seeds by sight. Agriculture officials hope this test will help stop more Palmer amaranth seeds from entering the local market.

Minnesota has set aside US\$50,000 for the investigation and plans to spend another \$300,000 a year to boost resources for enforcing state regulation over weeds.

Minnesota tracked down the weed on the conservation areas in the southwestern part of the state, after the person who created the seed mix and planted it said that the plots might be contaminated.



Minnesota is the latest state that suspects conservation plantings are spreading herbicide-resistant Palmer amaranth.

PHOTO: UNITED SOYBEAN BOARD



Raxil®



It's hard to imagine that one small seed could hold so much promise, but it does. And when you consider the importance of having a successful season, a cereal seed treatment you can depend on makes a huge difference to the success of your family business.

With the full support of Raxil® seed treatments you'll receive first-class disease control and a faster, stronger emergence that helps your field realize its full potential. Raxil lays the groundwork for a field that your neighbours will envy and that will ultimately help you achieve a superior performance.

Because from seeding to harvest, every seed counts.



cropscience.bayer.ca/RaxilPROShield 1 888-283-6847 @Bayer4CropsCA

Always read and follow label directions. Raxil® is a registered trademark of the Bayer Group. Bayer CropScience Inc. is a member of CropLife Canada.



Bayer SeedGrowth™

C-OT-07/16-10594654-E

Agri-food sector gets nod from key federal panel

The Advisory Council on Economic Growth has tipped agriculture and food as an important opportunity



The agri-food sector could add even more to Canada's economic growth with a concerted public-private effort. PHOTO: THINKSTOCK

BY ALEX BINKLEY
AF CONTRIBUTOR

The agri-food sector has received a big-league endorsement from the federal Advisory Council on Economic Growth, the group that advises federal Finance Minister Bill Morneau.

In a report that will receive plenty of attention around the cabinet table, agri-food is identified as one of eight sectors "where Canada has a strong endowment, untapped potential, and significant global growth prospects."

To encourage growth in those sectors, the government should "take a focused approach that removes barriers and galvanizes the sector around a bold growth agenda," the council said.

"The Canadian ag-food sector has great potential, given the large natural endowment of water and arable land, distinctive record of accomplishments in research, and exceptional base of companies and entrepreneurs."

"This sector also has exposure to favourable global market trends including demand from fast-growing Asian economies where protein consumption is on the rise."

Combining these assets with a strategy to remove obstacles would provide a blueprint for other sectors, the council said.

While the agri-food sector already employs 2.1 million Canadians and accounts for 6.7 per cent of GDP, there is "lots of potential for growth," the report said. Canada ranks fifth in agriculture exports and 11th in agri-food exports — behind smaller

countries like Holland and less economically advanced countries like Brazil in both categories.

"Enabling the sector to move up to second place in agriculture and to fifth place in agri-food would imply an additional US\$30 billion in exports in today's distribution of global export shares, equivalent to nearly two per cent of current GDP," the report states.

The government should work with agriculture leaders, it added.

"The private sector must play a central role in defining what obstacles to remove to help the sector grow and to compete globally."

The other big eight sectors are energy, mining, health care, advanced manufacturing, financial services, tourism, and education.

WE'RE AS COMMITTED TO THE FUTURE OF GROWING PULSES AS YOU ARE.



Nodulator XL
Inoculant

Insure Pulse
Fungicide Seed Treatment

Heat LQ
Powered by Kixor® Herbicide

Solo ADV
Herbicide

Priaxor
Fungicide

For over 30 years, we've prided ourselves in providing pea and lentil growers with the most leading-edge products. In addition to our most recent innovations, the complete portfolio of pulse solutions has you covered from seed to harvest. To learn more about the entire BASF pulse lineup, visit agsolutions.ca/pulses or call AgSolutions® Customer Care at 1-877-371-BASF (2273).

BASF
We create chemistry

Always read and follow label directions.

AgSolutions, and NODULATOR are registered trade-marks of BASF Corporation; HEAT, INSURE, KIXOR, PRIAXOR, and SOLO are registered trade-marks of BASF SE; all used with permission by BASF Canada Inc. INSURE PULSE fungicide seed treatment and/or PRIAXOR fungicide should be used in a preventative disease control program. © 2017 BASF Canada Inc.

New Russian wheat crop prices expected to drop

Russia's wheat export prices are expected to fall seven per cent from current levels when the new crop is delivered to the market this summer, says IKAR, one of Moscow's leading agriculture consultancies.

Russia harvested a record crop of 119 million tonnes of grain in 2016 and prospects for this year's crop are bright so far thanks to favourable winter weather.

Prices for the new wheat crop with a 12.5 per cent protein content and for July-August delivery are currently quoted by market participants at US\$175 per tonne f.o.b. Black Sea, IKAR head Dmitry Rylko said in a note.

The spot prices for the old crop were at \$188 per tonne at the end of last week, up \$2 from a week earlier. Some farmers are holding on to their grain as the ruble has strengthened and also following a cut in the USDA's supply forecasts for the 2016-17 season, Rylko said.

SovEcon, another Moscow-based consultancy, quoted f.o.b. wheat at \$189.5 a tonne at the end of last week, up \$1.5 from a week earlier, and maize (corn) prices at \$177 per tonne, up \$1.

SovEcon has cut its 2017 grain crop forecast by one million tonnes to 113 million tonnes, including 69 million tonnes of wheat.

— Reuters

Extended lactation could make better cheese

Danish researchers show that despite fears the practice could harm milk quality it may actually be better

STAFF

Extending dairy cow lactation periods by up to six months not only can lower the environmental impact of the industry — it just might make better cheese too.

That's according to some recent research by Danish scientists who decided to put long-standing concerns over the practice to an empirical test.

They found an expected decrease in total milk production over time, but found at the same time the level of protein and fat increased — thus making the milk more suitable for cheese making.

The original concerns were based on old studies dating back decades, which failed to take into account improvements in production practices over time, said Nina Aagaard Poulsen, an assistant professor with the department of food science at Aarhus University.

A PhD student compared milk samples from different stages of lactation — focusing specifically on taste and the properties making milk suitable for cheese production.

To determine whether taste was affected they used a professional taste panel to investigate whether the extended lactation



There appears to be no problem with milk from cows on extended lactation when it comes to cheese making. PHOTO: THINKSTOCK

strategy affects the taste of the milk. Previous investigations have indicated that milk from cows in extended lactation may have an undesirable and 'salty' taste. The taste panel did not find any discernible flavour differences, but did note the mouth feel of the milk was different, with later-lactation milk being more creamy and noticeably higher in fat content.

BSE surveillance plan is proving its worth, says CCA

But the organization wants every producer to submit at least one sample a year for the testing program

STAFF

Canadian beef cattle producers handed over more samples to be tested for BSE last year — and testing found zero cases of the brain-wasting disease.

The Canadian Cattlemen's Association said 27,346 samples were submitted in 2016 — up four per cent from 2015, but well down from the annual target of 30,000.

Despite the shortfall, the CCA said it "remains confident" Canada's level of BSE surveillance and controls will allow the country to keep its "controlled risk" status "and when appropriate, seek a change in risk status from the World Organization for Animal Health (OIE)."

The improved sample submission rate was a "welcome result" given Canada's shrinking beef cattle herd and "other challenges" in meeting the target, the organization said.

"Maintaining a credible level of BSE surveillance to demonstrate that Canada's

control measures are effective and are working towards eradicating the disease is important," CCA general manager Rob McNabb said in a release.

The surveillance program in 2015 detected the country's most recent case of BSE, a 70-month-old purebred black Angus beef cow in Alberta. The cow, born in March 2009, was euthanized in February that year after its owner reported it as a "downer" cow, fitting the criteria for testing under the surveillance program.

Dubbed Case 19, the cow also was Canada's first case to be born after the country's "enhanced" feed ban took effect in 2007, as well as Canada's first to be born on the same farm as a previous Canadian BSE case — Case 17, found in 2010.

Case 19, however, posed a setback in Canada's efforts to level up from "controlled risk" to "negligible risk" for BSE. By OIE standards, a country's youngest case of BSE must have been born 11

years before "negligible risk" status can be considered.

Before Case 19, Canada had been on track to start the process in August 2015, but is now unable to seek "negligible risk" status until 2020 at the earliest.

That said, the Case 19 investigation "confirmed to the world" that Canada has "robust controls and surveillance programs in place to prevent the spread of the disease and detect the small and declining number of cases that are expected to occur from time to time," the CCA said.

The organization is urging producers to continue to submit at least one cow per year for BSE sampling.

Cattle between 30 months and 10 years of age provide the most valuable information in terms of monitoring the cattle population for BSE, the CCA said, but any animal older than 30 months of age that fits into one of the categories of "dead, down, dying or diseased" is a potential candidate for testing.

Every season.
Every opportunity.

On the Road to Better.



UFA.com/Road

Derek & Stacey Mathon | UFA Members since 2000 & 2003

Go figure: online tool gives snapshot of farm's fiscal health

Analyzer uses eight numbers from the year-end balance sheet to quickly produce 11 key financial ratios linked to industry benchmarks

ALBERTA AGRICULTURE AND FORESTRY RELEASE

To help producers be aware of the ratios for their farm businesses, Alberta Agriculture and Forestry has a decision-making tool called the ABA Simple Farm Ratio Analyzer.

Start with your year-end net worth statement (the balance sheet for 2016), which is also your opening net worth statement for 2017, said farm finance specialist Rick Dehod.

"With this current information in hand, it's a good time to look at your farm's business financial health and how it compares to your opening net worth statement for 2017," said Dehod. "This comparison will give you great insight on how your business has performed and what parts of your business may need some attention. Using your own information will provide ratios you can compare to previous years and also to industry benchmarks."

The ratio analyzer is an Excel program that takes just eight key financial entries and calculates 11 financial ratios for a farm or ranch and colour codes them in comparison to industry benchmarks.

"The eight key financial numbers can be taken from your accountant-prepared financial statements for the past year and can be entered into the various open cells in the one-page spreadsheet," said

Dehod. "It's very important you use accrued revenue and expense information and assets at fair market value to enter into these spaces."

The eight entries are: farm gross revenue, farm gross expenses, depreciation, debt servicing payments, current assets, long-term assets, current debt, and long-term debt. Long-term assets and debts include intermediate assets and debts in these entries. The ratios will tell you how the operation is doing and "where your farm is strong and where it's weak," he said.

"You can then consult with your accountant or an agricultural finance specialist to come up with plans to mitigate and improve those areas where your financial ratios are weak."

Each ratio has a bullet that opens and provides the formula used to calculate the ratio. The ratio is colour coded and compared with industry benchmarks.

This information can also be used for income and expense projection, cash flow for the year, and to project closing net worth statement for the year," said Dehod.

"Once you have your projected 2017 closing net worth statement, you can generate the year-end financial ratios, and compare them to the ratios you generated from your beginning net worth statement. This will give an indication of whether or not your 2017 operating plan will progress the financial

"It's a good time to look at your farm's business financial health."

RICK DEHOD

viability and health of your farming operation.

"It may seem like a lot of work, but using this decision-making tool will help give producers an awareness that'll help them make better decisions to increase the viability and success of their farm business."

The ratio analyzer can be found at www.agriculture.alberta.ca (search for 'farm ratio analyzer').



Financial ratios cut through a sea of numbers to tell you how your business is doing. PHOTO: THINKSTOCK

Can your operation withstand 'lean years?'

Debt-fuelled expansion during good times can put a farm at risk when times get tough

ALBERTA AGRICULTURE AND FORESTRY RELEASE

Solvency is one of the key measures when it comes to gauging financial management of a farm.

"Financial risk can be broken down into three main financial management parameters — solvency, liquidity, and profitability," said provincial farm finance specialist Rick Dehod. "Once the measure within each of these three financial parameters has been assessed, the overall financial health and exposure to financial risk in a farming operation can be determined."

Solvency is defined as having enough value in the form of assets in a business to cover all of its liabilities. The financial equation is: Assets = liabilities + equity.

"A business with positive equity is said to be solvent," said Dehod. "When a business's equity becomes negative it's said to be insolvent. Bankruptcy is just around the corner for an insolvent business if it doesn't generate enough cash flow income to meet its debt requirements in a timely manner."

The larger the amount of equity (assets minus liabilities), the more financially secure a business is.

"But everything is relative. Larger businesses need more equity to remain viable than smaller businesses do," said Dehod.

Solvency ratios depend on the type of farm enterprise.

"Supply-managed industries can carry higher financial risk and survive in the long term as their income is secure and frequent. Thus, they have less profitability risk, and can carry greater solvency risk."

Solvency takes on added importance during "lean years," he added.

"A farm with strong equity can absorb a loss and continue to operate," he said. "A farm that has leveraged its equity through debt can provide greater returns on equity when times are good but can quickly be at risk when the farm runs into difficulties."

"Knowing your solvency and your farm's ability to manage risk will provide you with the information to manage your business and protect or grow your equity."



Simplicity™ GoDRI™
HERBICIDE



Dow AgroSciences

Solutions for the Growing World

When influencing opinion, heart not head

Adman says farmers should use stories to make an emotional connection with consumers

BY ALLAN DAWSON
STAFF/BRANDON, MAN.

Ticked off city people don't get agriculture?

Instead of spewing facts, employ emotion, says veteran adman Terry O'Reilly.

"My industry (advertising) has proven time and time again that information doesn't necessarily move people," O'Reilly, host of CBC Radio's 'Under the Influence' said at a recent farm show here.

"You have to attach emotion to it."

For years, frustrated farmers have touted 'sound science' when it comes to the safety and value of (GM) crops, pesticides and other modern agricultural tools. But critics remain.

Although O'Reilly never referred to it in his address, 'emotion,' has arguably been effectively used to attack GM crops and pesticides. One of those emotions is fear — fear that both are unsafe.

Perhaps without realizing it, O'Reilly was saying fight fire with fire.

"If you have an image problem in the marketplace, you just can't



Farmers will do better reaching consumers through emotional stories rather than just facts and figures, says veteran adman and CBC Radio host Terry O'Reilly. PHOTO: ALLAN DAWSON

inundate people with facts and figures and hope to change their minds about it," O'Reilly said.

"You have to move them on an emotional level. And you have to make people feel your messages

in their gut, not just process it intellectually in their brains."

Storytelling

The way to evoke emotion is through stories.

"Stories make people care about issues, things and problems," O'Reilly said. "And if people form a positive image about you they will buy your product, they will stand by you. They will even fight for you if they feel good about you."

He also said to remember stories can communicate in intangible things like trust — something that's paramount for the food and agriculture sector. Storytelling can also add value to your products. Information may inform people, but stories move people.

"A great story is aimed at your heart, not your head," O'Reilly said.

Skeptical? This story might change your mind. O'Reilly said his friend Rob Walker tested the impact of storytelling recently on eBay. He bought four mundane items at a flea market, including a used meat thermometer for 75 cents. Walker posted the thermometer on eBay with the following story: "Everything had a temperature in those days. Cheese was cold, avocados were warm, my heart was a piece of hot meat pierced by love's thermometer."

The thermometer sold for \$51. Not convinced? The other three items — crepe paper, a picture frame and a small wooden mallet — were purchased for \$1.99, 59 cents and 33 cents, respectively. They came with stories too and sold on eBay for a whopping \$59.50, \$21.80 and \$71. The mallet sparked a bidding war.

"These stories... made somebody feel something about those boring products," O'Reilly said. "Those stories increased the desire in somebody to own those products. And more importantly they added an incredible value."

Each of the items stood out on eBay and the reason is that all the other items on eBay had no emotional content," O'Reilly said.

Take action

Stories needn't be fictional. By taking a chance and exploiting opportunities a business or industry can create their own stories. Take U.S.-based Morton's The Steakhouse. A hungry businessman about to board a flight to New Jersey tweeted he'd like the restaurant to deliver him a steak when he

"My industry (advertising) has proven time and time again that information doesn't necessarily move people. You have to attach emotion to it."

TERRY O'REILLY

landed in two hours. And to the businessman's delight and astonishment, a Morton's representative, dressed in a tuxedo met him with a 24-oz. steak, shrimp, potatoes, napkins and silverware.

The businessman tweeted: "OMG I don't believe it. Morton's showed up at Newark with the porterhouse..."

A lot had to happen to pull it off, O'Reilly said. Someone monitoring Morton's social media. Someone quickly approved a crazy idea. The food had to be prepared and driven 23 miles to the airport. And someone had to track down the tweeter.

"It was not only outstanding customer service at work here, it was a great story," O'Reilly said. "And that story became great marketing because it was shared all over the Internet, all across North America. Morton's Steakhouse had taken the time to respond to a customer who loved its product even though it did not know that man personally. Morton's Steakhouse chose to take advantage of an opportunity not even knowing if anything more would come of it, other than making that one man happy at that gate that night. But it still did it. And by doing it, it created a remarkable story."

Trust is powerful

There are three lessons here, O'Reilly said:

- 1) Opportunities create stories.
- 2) Look at the world through fresh eyes.
- 3) Powerful stories can be told with just 140 characters on Twitter.

Farmers already enjoy a good image, but there is some misinformation they need to counter, O'Reilly said later in an interview.

"Farmers are the most trusted occupation in Canada," he said. "And that is a wonderful starting point because others would give their left hand to have that much trust. So tell compelling stories. If you want to talk about trust... don't say 'trust me,' just tell me stories about trust. Use storytelling to tap into the emotion of people's hearts and you can never lose."

Farmers shouldn't be too aggressive in countering their critics either.

"Don't start a fight, but instead tell your side of it," O'Reilly said. "If science is a big part of it, figure out a way to bring meaning to the facts. Don't just use the facts because you're looking for meaning, you're looking for emotion. There is lots of emotion in science."

allan@fbcpublishing.com

What matters most to you.

That's Simplicity™

NEW

GoDRI

CONFIDENCE IN A JOB DONE RIGHT.

Simplicity™ GoDRI™ is #1 for elite wild oat control in wheat.

POWER, FLEXIBILITY, MORE.

Go to dowagro.ca

SAVE UP TO
\$5.15
PER ACRE

when you book by
March 15, 2017 with
Diamond Rewards™

*™ Trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow.
12/16-52330-01

NEW HOLLAND DEALERS



EQUIPPED FOR A NEW WORLD™



A NEW WORLD DEMANDS NEW HOLLAND.

There is a new world out there. One being discovered every day. Revealing itself in unpredictable ways. A world that demands more from the land and those who grow, farm and build on it — in order to provide for the rest of us. This new world calls for New Holland. For the ingenuity, innovation and independent spirit to get more out of it, while preserving as much as we can. After all, to stay ahead of tomorrow, we need to be equipped for it today. Learn more at EquippedForANewWorld.com

© 2016 CNH Industrial America LLC. All rights reserved. New Holland is a trademark registered in the United States and many other countries, owned by or licensed to CNH Industrial N.V., its subsidiaries or affiliates. Equipped For A New World is a trademark in the United States and many other countries, owned by or licensed to CNH Industrial N.V., its subsidiaries or affiliates.

USED EQUIPMENT

BALERS

NH BR7090 2011	\$28,995
NH BR780 2005	\$17,995
NH BR780 2005	\$19,500
Hesston 856A 2002	\$17,100
NH BR780A 2007	\$16,700
NH BR7090 2009	\$35,000
NH 688 2002	\$12,500
NH 560 2014	\$37,500

MOWER CONDITIONER

NH 1475-18 2007	\$22,400
Case DC162 2013	\$36,750
NH H7460 2011	\$32,800
NH 1431 2000	\$11,300
NH 1431 2008	\$21,300

SQUARE BALE STACKERS

NH 1033 1977	\$5,500
--------------------	---------

LAWN & GARDEN

John Deere Z445 2014	\$5,433
----------------------------	---------

BALE PROCESSOR

Highline 7000HD 2003	SOLD
Haybuster 2650 2014	\$22,500

TRACTORS & LOADERS

NH TS6.110 2012	SOLD
NH TM155 2007	\$80,000
Kubota M126GX 2013	\$95,000

GRAIN VACS

Brandt 5000EX 2007	\$17,500
--------------------------	----------

CONSTRUCTION

NH B110C 2013	\$80,000
NH L225 2012	\$37,000

Lazar Equipment Ltd.



520 9th St. W, Meadow Lake, SK
(306) 236-5222 Toll Free: 1-888-236-5222
www.lazarequipment.com

EU-dependent British farms in for a big post-Brexit shakeup

The nation exports more food to Belgium than to Brazil, Russia, India and China combined

BY NIGEL HUNT
REUTERS/BIRMINGHAM UK

Britain's farm policy is set for a major shakeup when the country leaves the European Union because the current system is poor value for money, has too much red tape, and provides few incentives to use the latest technologies, says the country's agriculture minister.

"We have a once-in-a-generation opportunity to transform our food and farming policies," Andrea Leadsom told the National Farmers Union's annual conference.

Britain's vote last year to leave the EU has created uncertainty about future government support for agriculture, access to key markets and how the sector will be regulated.

EU farmers receive an annual payment under the Basic Payment Scheme (BPS). Leadsom said that for some U.K. farmers this payment accounted for 70 per cent of their bottom line.

The government has guaranteed that these payments will continue until 2020 but the future beyond then is unclear.

"There is no doubt that there will be support for our vital food and farming industry after we leave the EU. But I'm not going to pre-empt the work the government is doing to get the best possible deal for the U.K.," she said.

Leadsom said Britain was looking to build new partnerships and strike the best free trade deals for Britain while noting that 60 per cent of exports go direct to the EU.

"The EU is our most important trading partner, a fact that won't change when we leave, and a relationship we are determined to uphold," she said, adding Britain was seeking tariff-free trade with Europe.

NFU president Meurig Raymond said a trade deal with the EU was "the first of our vital ingredients for farming's success," noting Britain exports about three times more food to Belgium than to Brazil, Russia, India and China combined.

"No one will thank a government for doing bad deals with new partners quickly, at the expense of keeping long-standing, good deals alive," he said.

Raymond also said farming in Britain needed access to a competent and reliable workforce.

"Without a workforce, permanent and seasonal, it wouldn't matter what a new trade deal looks like, the lights would go out in our biggest manufacturing sector, food will rot in the fields and Britain will lose the ability to produce and process its own food," he said.

Leadsom said the government was aware of the industry's needs and was looking at the issue.



English agriculture depends on EU access and government subsidies — both of which are now in peril. PHOTO: THINKSTOCK

Danone to cut costs as dairy business faces pressures

Food group Danone plans to cut costs by one billion euros (C\$1.4 billion) over the next three years, saying the turnaround of its European dairy business was taking longer than expected while tough conditions in China would endure in 2017.

The world's largest yogurt maker was cautious about the current year, given deflationary consumer trends in Europe and rising milk prices.

Danone said it would review its financial goals after closing its US\$10-billion acquisition of U.S. organic food group WhiteWave,

which is expected in the first quarter and which should boost earnings.

A new savings plan — called "Protein" by Danone — will aim to cut spending on marketing and general expenses such as corporate travel, and will be partly used to fund future growth.

CEO Emmanuel Faber has vowed to return Danone to "strong profitable and sustainable growth" by 2020.

He is reviewing its business in China and is overhauling its dairy division, where it has cut costs and launched new products. — Reuters

Competition Bureau clears Syngenta takeover

No significant effects are seen from a Syngenta/Adama overlap, says federal watchdog



The Syngenta Biotech Center in Beijing on Feb. 19, 2016. China's state-owned ChemChina is seeking various governments' approvals for its takeover bid for Syngenta. PHOTO: REUTERS/KIM KYUNG-HOON

STAFF

Canada's farmers aren't likely to see less competition for their crop chemical dollars if the owner of Adama Canada buys Syngenta, the Canadian antitrust watchdog has ruled.

The Competition Bureau has issued a "no action" letter for the takeover of Syngenta by China National Chemical Corp. (ChemChina), saying the deal is "unlikely to result in a substantial lessening or prevention of competition for the supply of pesticides in Canada."

Even in cases where Syngenta and ChemChina's Adama arm have competing products on the Canadian market, the bureau said its investigation shows there would still be "sufficient competition from existing or new products to constrain prices."

A year ago, state-owned ChemChina announced its friendly US\$43-billion bid for Syngenta, which if successful would be the biggest-ever foreign acquisition by a Chinese company.

Several countries' regulators have already signed off on the deal but approvals are pending from certain agencies in the U.S., the European Union, Brazil, India and Mexico, among others.

Syngenta Canada, based in Guelph, operates research facilities across the country and sells cereal, corn, canola and soybean seeds along with its portfolio of herbicides, fungicides and insecticides.

Formerly known as Mana Canada, Winnipeg-based Adama Canada sells off-patent "generic" pesticides, has no research facilities in Canada and is a "relatively recent entrant" in the Canadian market, the bureau noted.

'Lack of substitutability'

The bureau, looking at Syngenta's and Adama's crop chemical product overlap, found "a lack of sub-

stitutability between the parties' products" and noted "the presence of effective remaining competitors (and) the potential entry of further competitors."

Considering "a variety of plausible product market definitions," the bureau said it concluded the merger "was not likely to result in a substantial prevention or lessening of competition under any of the definitions considered."

Under Canada's regulatory regime for crop chemicals, the bureau said, the geographic market for pesticides is "likely national" and farmers can only substitute between pesticides labelled for a particular pest/crop combination they want to treat.

"Although various products may be labelled for the same pest/crop combinations, whether farmers will substitute among those products depends on their actual or perceived characteristics."

In one example of overlap, the bureau pointed to Syngenta's broad-spectrum crop insecticide Matador and Adama's generic version, Silencer, which together "are among the most frequently used crop insecticides in Canada, particularly for canola."

The two products, the bureau said, "are chemically equivalent, have nearly identical labels, compete for shelf space and are viewed by many farmers as interchangeable. No other manufacturer currently offers a product based on this active ingredient in Canada."

All that said, the bureau noted, Bayer CropScience offers Decis, which is "viewed as a close substitute to Matador and Silencer" and "can be used on most of the same pest/crop combinations as the parties' products, including all of the most recurrent insects for canola."

The "presence of these current competitors" — plus a generic version of Decis that just picked up registration in September — and "the threat and anticipated entry of

Several countries' regulators have already signed off on the deal but approvals are pending from certain agencies in the U.S., the European Union, Brazil, India and Mexico, among others.

future competitors" led the bureau to its conclusion.

No turf war in turf

Meanwhile in the turf chemical market, the bureau also noted "instances of competitive rivalry between Syngenta's branded products and Adama's generic versions of the same products."

However, the bureau said, Adama is "not likely significantly constraining Syngenta's pricing." Market contacts have also told the bureau that end-users of turf pesticides "place an additional premium on the value-added services offered by branded companies," which also include BASF and Bayer.

This notion, the bureau said, "is supported by Adama's difficulty in gaining significant market share, despite offering discounted pricing on generics."

Besides, the bureau said, Bayer, BASF and smaller players such as Nufarm and Engage Agro also offer "proprietary products that have a similar price point and disease profile to the parties' products and would therefore continue to offer effective remaining competition in this space."

PRE-EMERGENT GROUP 13

CLEAVER CANOLA



Scrub out cleavers with the pre-emergent power of Command.

A little spring cleaning goes a long way. Add the pre-emergent, residual control of Command to your canola program and enjoy cleaner canola, even against stubborn cleavers.

CANOLA | FMCcrop.ca

COMMAND
HERBICIDE

Always read and follow label directions. FMC and Command are trademarks of FMC Corporation. © 2017 FMC Corporation. All rights reserved.

FMC

U.S. farmers race to sell 2017 soybeans before South American harvest

A recent surge in soybean prices is thought to be unlikely to survive the ongoing Latin America harvest



Latin America's soybean harvest is ahead of schedule, causing concern for the future of prices. PHOTO: THINKSTOCK

BY KARL PLUME
CHICAGO/REUTERS

U.S. farmers are taking advantage of a surge in soybean prices and have sold ahead up to half what they expect to harvest this year, as huge global supplies and a record South American crop coming earlier than usual bode ill for later sales.

Chicago Board of Trade November futures, which reflect the 2017 harvest, touched a two-month high on Feb. 11, and are up about three per cent so far this month. That has lifted cash prices in some areas to over US\$9.50 a bushel, a level which should ensure a profit for farmers barring a major crop shortfall.

Citizens LLC elevators in southern Michigan have forward contracted, on average, about 35 to 40 per cent of farmers' expected 2017 soybean crop, the highest percentage for this time of year in at least a decade, said Angie Setzer, vice-president of grain at the elevators.

Farmers in Brazil and Argentina are expected to harvest 159.5 million tonnes of soybeans this year, six per cent more than the previous year, according to the U.S. Department of Agriculture.

"With the size of the South American crop that's been discussed, and the likelihood of us planting 88 million to 90 million acres of soybeans, and without some major production issue... we really need to make sure we're locking in profit when possible," Setzer said.

In Iowa, the country's top soy-producing state, one grain merchant at a co-operative estimated his customers have sold 10 to 15 per cent of their anticipated soy crop, but just one or two per cent of their corn.

"We've had more guys hedging beans this year after the rally. For corn they see no point in locking in a loss this early," said the merchant who asked not to be identified because he is not authorized to speak with media.

There is no publicly available data on forward sales by U.S. farmers. Grain companies, ele-

vators and farm co-operatives often make estimates based on expected production in their draw areas, but those figures vary from state to state and region to region.

The race to sell soybeans is more acute this year because South America's crops are coming in faster than before.

Brazil's soy harvest is already 18 per cent complete, ahead of the five-year average of 10 per cent.

Industry sources expect peak Brazilian soy exports from March to May, and Brazil's harvest, estimated at 104 million tonnes or more, could ensure competition well beyond the traditional export season that normally winds down in September.

Soybean prices are among the few bright spots for U.S. farmers facing a fourth straight year of declining net farm income in the worst farm economy slump since the 1980s.

That could prompt many to favour planting more beans over corn this spring if crop rotations allow, adding to already huge supplies.

Satellites could boost farm productivity in the world's poorest regions

U.S. scientists develop new way to measure crop yields with high-resolution satellite images

BY MAGDALENA MIS
THOMSON REUTERS FOUNDATION

U.S. researchers have come up with a new method of estimating crop yields from small farms in Africa using high-resolution images from the latest generation of satellites — a development which could help cut hunger in poor parts of the world.

Improving agricultural productivity is one of the main ways to lift people out of poverty but without accurate data it's difficult to identify the farmers who need help, scientists from Stanford University said.

Images from new, inexpensive satellites could be used to estimate yields and test interventions in poor regions where data is scarce, they said in a new study.

"Improving agricultural productivity is going to be one of the main ways to reduce hunger and improve livelihoods in poor parts of the world," said Marshall Burke, an assistant professor at Stanford's School of Earth, Energy & Environmental Sciences.

"But to improve agricultural productivity, we first have to measure it, and unfortunately this isn't done on most farms around the world," he said in a statement.

While Earth-observing satellites have been around for more than three decades, most

of their images haven't been detailed enough to show the small agricultural fields common in developing countries.

But with satellites becoming cheaper and offering improved image resolution, it is now possible to capture very small areas, the researchers said.

Satellites which were once the size of school buses were now the size of fridges or even shoeboxes, said David Lobell, an associate professor at the school.

"You can get lots of them up there, all capturing very small parts of the land surface at very high resolution," added Lobell, who co-authored the study.

"Any one satellite doesn't give you very much information, but the constellation of them actually means that you're covering most of the world at very high resolution and at very low cost.

"That's something we never really had even a few years ago."

The researchers focused on Western Kenya, where smallholders farm maize or corn on small half-acre or one-acre plots, to test if images from the new satellites were detailed enough to provide reliable estimates of crop yields.

"Just combining the imagery with computer-based crop models allows us to make surprisingly accurate predictions," Burke said.

The researchers plan to scale up their project across sub-Saharan Africa.

Save dollars
and make
sense

With accounting software built for agriculture

Keep your business on track and on budget with AgExpert Analyst – do everything from basic bookkeeping to GST returns, inventory management, payroll, forecasts, automated or customized reports, and more.

fccsoftware.ca | 1-800-667-7893



Gluten-free diet may increase risk of toxic metal exposure

A new study finds wheat substitutes can bioaccumulate things like arsenic and mercury

STAFF

Turns out those gluten-free eaters may be chowing down some unintended consequences.

A new study from the University of Illinois has found consuming a gluten-free diet may increase exposure to arsenic and mercury — toxic metals that can lead to cardiovascular disease, cancer and neurological effects, according to a new study.

Gluten-free products often contain rice flour as a substitute for wheat. Rice is known to bioaccumulate certain toxic

metals, including arsenic and mercury from fertilizers, soil, or water, but little is known about the health effects of diets high in rice.

Maria Argos, assistant professor of epidemiology in the UIC School of Public Health, and her colleagues looked at data from the National Health and Nutrition Examination Survey searching for a link.

People who reported eating gluten free had higher concentrations of arsenic in their urine, and mercury in their blood, than those who did not. The arsenic levels were almost twice as high for people eating a gluten-free

diet, and mercury levels were 70 per cent higher.

“These results indicate that there could be unintended consequences of eating a gluten-free diet,” Argos said. “More research is needed before we can determine whether this diet poses a significant health risk.”

A gluten-free diet is recommended for people with celiac disease, but others often say they prefer eating gluten free because it reduces inflammation — a claim that has not been scientifically proven.

In 2015, one-quarter of Americans reported eating gluten free, a 67 per cent increase from 2013.



Rice flour may be contributing to higher levels of toxic metals in gluten-free diets.

PHOTO: THINKSTOCK

STRAIGHT UP WILD OAT CONTROL

Wild oats hanging above the crop canopy are like a billboard for poor weed control.

Varro® herbicide provides outstanding control of wild oats and other problem grass weeds to keep your wheat field looking great all season.

Varro – wild oat control that's worth talking about.



VARRO® 



Bayer

cropscience.bayer.ca/Varro 1 888-283-6847 @Bayer4CropsCA
Always read and follow label directions. Varro® is a registered trademark of the Bayer Group.
Bayer CropScience Inc. is a member of CropLife Canada.

C-72-01/17-10686449-E

Chinese consumers seem to shrug off deadly bird flu outbreak

Repeated issues with the outbreaks have led citizens of the country to become less alarmed about warnings

BY ADAM JOURDAN
SHANGHAI/REUTERS

Four years ago, a bird flu outbreak in China killed at least three dozen people, triggered mass poultry culling, put masks on millions of Chinese faces and hammered shares in fast-food and travel companies.

This winter, more than 100 people have died, but few birds have been slaughtered, there are few masks on the streets and little sign of any consumer reaction, let alone the panic seen in 2013.

The number of posts mentioning “bird flu” or “H7N9” on China’s popular Sina Weibo microblog—a useful proxy for gauging consumer interest or concern—peaked at just over 40,000 on Feb. 15, after the Health Ministry said as many as 79 people died from H7N9 bird flu in January alone.

At the peak of the 2013 outbreak, daily posts topped 850,000.

“Everyone’s just used to it now,” said Yuan Haojie, 24, a real estate worker in Shanghai. “Every year we seem to have some sort of bird flu outbreak, but it never seems to affect anyone I know. Gradually you stop worrying about it.”

The 2013 outbreak was the first in China of the H7N9 bird flu strain. The virus this year appears to be less pathogenic among poultry, which show few symptoms, but more deadly among humans in direct contact with infected birds at live markets and on farms.

Four years ago, the outbreak cost the economy an estimated US\$6.5 billion, took chicken off the menu at schools and on airplanes, and prompted the widespread



Health officers in protective clothing cull poultry at a wholesale market, as trade in live poultry was suspended after a spot check at a local street market revealed the presence of H7N9 bird flu virus, in Hong Kong last year. PHOTO: REUTERS/BOBBY YIP

slaughter of millions of birds. The biggest impact this year is that Chinese chicken prices have dropped to their lowest levels in more than a decade.

“In 2013, there was a great panic in the consumer market, and people were afraid to eat poultry,” said Pan Chenjun, Hong Kong-based senior analyst at Rabobank. “Consumer market sentiment now isn’t so bad. People are more resilient because coverage has been quite limited.”

Online rumour?

Many consumers and fast-food chain workers Reuters spoke to were unaware of the severity of this season’s outbreak.

“Is this one of those online rumours?” asked the duty manager at one KFC outlet in the northern mining city of Shuangyashan. The fried chicken brand is operated locally by Yum China Holdings Inc.

Yum, which reported a “significant, negative impact” during the 2013 outbreak,

did not respond to requests for comment. The company’s U.S.-listed shares are down less than five per cent so far this year.

A worker at local chicken chain Dicos in Shanghai said this winter’s bird flu outbreak had not hit sales, and the firm had not given staff any specific directives on how to respond to diners’ concerns.

Dicos, owned by Taiwan’s Ting Hsin International Group, declined to comment.

Global health bodies and government organizations in China have long said properly cooked chicken is not a safety risk.

Some online commenters and experts have said Beijing was slow to respond to the outbreak this year and data on human infections and deaths was not disclosed soon enough.

China’s health authorities said Feb. 16 they would tighten controls on poultry markets and the transport of live birds, but noted the spread of the virus among people was slowing.

China’s Center for Disease Control and Prevention has said the vast majority of people infected by H7N9 reported exposure to poultry, indicating little person-to-person infection.

In southern Guangzhou, 24-year-old office administrator Li Lishan said there were bans on poultry markets in her area and people were quite worried about the disease. However, she said she was still eating chicken.

“The days before the trading ban I went crazy buying up chicken,” she said, acknowledging there was a risk. “I know, I know. I’m just used to eating it.”

ARE YOU COMPLIANT WITH THE ALBERTA OCCUPATIONAL HEALTH AND SAFETY LEGISLATION?



AgProSafety
Helping you grow your safety

AgProSafety provides consulting services to assist Agriculture professionals in developing a customized safety plan tailored to each specific and unique operation.

www.AgProSafety.ca

We understand the perception around the industry’s changing legislation and will provide our customers with an enjoyable, educational, and valuable service by satisfying each individual producer’s needs with professional, unique, and quality products including ongoing audit, training, and maintenance to exceed industry best practices and legislative requirements.

CONTACT US FOR A FREE CONSULTATION:

sales@agprosafety.ca



Newfoundland expands Crown land base for farming

Government says only 10 per cent of food is homegrown and it is 'critical' to be more self-sufficient



Best known for its picturesque outports, Newfoundland is trying to build its agriculture sector.

PHOTO: THINKSTOCK

STAFF

The Newfoundland and Labrador government plans to nearly double the amount of land available to the province's farmers by allocating over 150,000 more acres of Crown land for development.

The province's Department of Fisheries, Forestry and Agri-Foods has identified 62 "agriculture areas of interest" totalling about 158,150 acres. The added Crown land marks a "significant increase" over the 19 areas previously available, the province said.

"We consulted with farmers, municipalities and other stakeholders who had a great deal of knowledge and interest in this initiative,"

said Fisheries, Forestry and Agri-Foods Minister Steve Crocker.

Increasing ag production in the province, he said, is also expected to "help farmers and producers reduce costs and dependency on imported dairy forage and grain."

Increasing the amount of Crown land for farm use in the province was a recommendation in The Way Forward, the government's vision document for economic development and improved efficiency, released in November.

The province also pledged in the document to provide Crown lands applications online and to have "new, publicly available, streamlined approval processes" in place, both in 2018. Its Crown lands administration

division today gets about 80 applications per year for agricultural development alone.

"By streamlining the application process it readily makes land available to all agricultural producers but most importantly to young farmers," said David Simons, who operates Pure Holsteins Ltd. near Corner Brook, where the province recently made its announcement on its new policy.

According to The Way Forward, Newfoundland and Labrador is now only about "10 per cent self-sufficient" in non-supply-managed agri-food requirements.

"It is critical that our province makes significant progress towards food security in light of the global food crisis projected by 2050."

Chinese farmer acquitted of illegal trading in retrial

A farmer in China's Inner Mongolia region was acquitted of running an illegal corn-trading business, overturning a verdict in a symbolic case that had stirred debate within China about agricultural policy.

The Intermediate People's Court in Bayan Nur city in the northern region of Inner Mongolia threw out the original verdict, issued last April, which found Wang Lijun, a 47-year-old farmer, guilty of buy-

ing and selling corn without a licence, Chinese state media said.

The retrial, ordered by the national Supreme Court, quashed a one-year suspended prison sentence and a fine of 20,000 yuan (US\$2,912). The court found that Wang's corn trading, though unlicensed, did not severely disrupt the market.

The ruling comes just months after the government dropped a rule in November that required

farmers to hold a licence for grain purchases in a move aimed at boosting grain trading. The loosening of restrictions was seen as part of Beijing's years-long efforts to reform its massive, unwieldy farm sector.

The practice of farmers buying and selling corn without a permit has been widespread for years and the ending of the policy was long overdue, according to experts. — Reuters

A&W books sales growth despite Prairie 'challenges'

STAFF

Canadian burger and root beer chain A&W has chalked up another year of same-store sales growth despite "economic challenges" in the Alberta and Saskatchewan markets.

The Vancouver-based income fund reported same-store sales growth of 3.4 per cent in 2016 over 2015, down from a 7.6 per cent sales growth rate in 2015 over 2014.

The year-over-year growth comes "despite a challenging year for the food-service industry in Canada and the severe downturn in Alberta's economy due to the plunge in oil prices," the company said in a release.

The company in recent years has revamped its ingredient sourcing, moving to beef raised without the use of hormones or steroids, eggs from hens fed a diet without animal byproducts, chicken raised without the use of antibiotics and

bacon from hogs raised without the use of antibiotics.

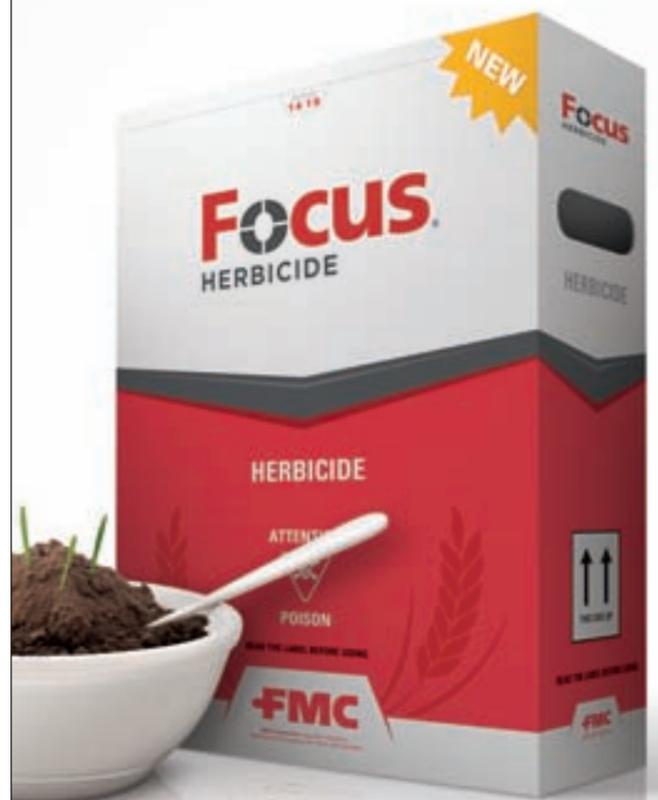
The fund reported royalty income of \$34.135 million for 2016, up 7.3 per cent, on sales of \$1.138 billion, up from \$1.061 billion in 2015. Net income and comprehensive income totalled \$23.92 million for 2016, up from \$21.32 million.

The chain also continued on an aggressive expansion track, opening 31 new restaurants across Canada during 2016.

PRE-EMERGENT

GROUP
14 15

NOW AVAILABLE IN WHEAT!



All the goodness of wheat without stubborn grassy weeds.

Get the wholesome protection of pre-emergent residual control with Focus. It's tough on stubborn grassy weeds, but flexible and easy to apply – fall or spring – for superior weed control and higher yields.

WHEAT | CORN | SOYBEANS | FMCcrop.ca

Focus
HERBICIDE

Always read and follow label directions. FMC and Focus are trademarks of FMC Corporation. © 2017 FMC Corporation. All rights reserved.

FMC

NEW HOLLAND DEALERS



BEING EQUIPPED FOR TOMORROW STARTS TODAY.



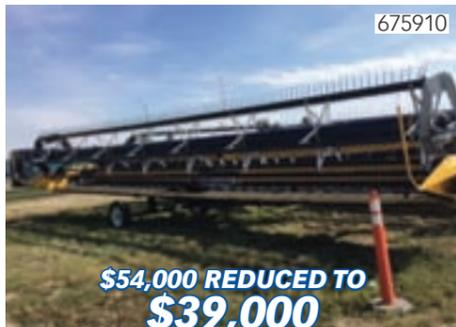
0% FINANCING* OR CHOOSE CASH BACK!

ACT TODAY! OFFER ENDS SOON.

Stop by or learn more at newholland.com/na



*For commercial use only. Offer subject to credit qualification and approval by CNH Industrial Capital Canada Ltd. See your New Holland dealer for details and eligibility requirements. CNH Industrial Capital Canada Ltd. standard terms and conditions will apply. Depending on model, a down payment may be required. Offer good through [March 31, 2017], at participating New Holland dealers in Canada. Offer subject to change. Taxes, freight, set-up, delivery, additional options or attachments not included in price. © 2017 CNH Industrial Capital America LLC. All rights reserved. New Holland Agriculture is a trademark registered in the United States and many other countries, owned by or licensed to CNH Industrial N.V., its subsidiaries or affiliates. CNH Industrial Capital is a trademark in the United States and many other countries, owned by or licensed to CNH Industrial N.V., its subsidiaries or affiliates.



675910

\$54,000 REDUCED TO \$39,000

2010 New Holland 94C Header, 36 feet



710316

\$282,500

2011 New Holland SP365 Sprayer, 1600 gal, 120', Comes with 3 yr, 3000hr power train warranty



\$128,000

MacDon M200, c/w R80 disc header and D60 30' header, 2 to Choose from



\$Call

2013 New Holland CR8090, Auto Steer, Twin Rotor, Chopper and More!

USED EQUIPMENT

USED COMBINES

2011 NH CR9070, 1360 thrs hrs	SOLD \$199,000
2007 NH CR9070, 1516 rotor hrs	\$165,000
2015 NH CR8.90, 150 thr hrs, stone trap, guidance MacDon pick-up	\$485,000
2013 NH CR8090, 966 thrs hrs	Coming In
2014 NH CR8090, 741 thrs hrs	Coming In
2014 NH CR8090, 733 thrs hrs	Coming In

USED HEADERS

2010 NH 36' 94C, draper header	\$54,000 Reduced to \$39,000
2011 NH 94C, 36' DK	\$49,000 Reduced to \$39,000

USED TRACTORS

1994 NH 8870, 180 hp Row crop super steer 5900hrs	\$70,000
2012 Boomer 50 Compact Tractor	\$28,000
NH TC 18, compact hydro, 4WD, 60 belly mount deck	\$7,200
1981 Versatile 875, 7600 hrs, Excellent rubber	\$22,500

USED SWATHERS

New Holland SpeedRower 240, Demo discounts, must see!

Includes NEW 36' NH 436HB Header **SOLD** Call

2011 MacDon M150, c/w 30, D60	\$125,000
2013 MacDon M155, c/w 25, or 30, D65 header	SOLD Coming In
MacDon 2940, C/W 30' header	\$48,000
2012 MacDon M105, c/w 30' D65	\$125,000
MacDon M200, c/w R80 disc header and D60 30' header	\$128,000
2015 M155, 150 hrs, 25' Dbl D65	\$150,000
(2) 2014 MacDon M155, c/w D65 30ft header, 450 hrs	Coming In
2005 New Holland HW325, c/w 30' header	Coming In
2003 MacDon 9352, 30' DBL, 2800 hrs	\$42,800 Reduced to \$38,000

USED SPRAYERS

2011 NH SP365F, 1600 gal, 120', Auto Steer	\$282,500
--	-----------

USED FORAGE & HAYING

2002 NH 688, 10000 bales	SOLD \$14,500
2011 NH BR7090, 9700 bales	\$21,000
CIH DCX131, 13' pull type disk mower conditioner	\$16,900
CIH RBX562, round baler	\$23,500

MISC

2014 C238 Tracked Skid Steer Loader	Call
Kongskilde grain vac	Call
Supreme 900T, pull type	\$42,000

SEEDING/TILLAGE

2015 NH ST830, 62' cultivator as new 9" spacing	Call
Flexi Coil 3450, var rate air cart TBH	\$38,000
2000 New Holland P2070, precision drill 60'	\$49,500
NH/Flexi-Coil SC430, tow behind air tank	SOLD \$45,000
New Holland P1050, tow behind air tank	Coming in
Salford 5129, 29' High speed Disc completely rebuilt	\$99,900
2006 NH SD440A, 51' 10" paired row 5" rubber	
C/W 20011 P1060 430 bu cart	\$125,000
2011 Pillar Disc Drill, 40ft c/w 2010 Case 3430 TBT Air Cart	\$145,000



CALL

2014 C238 Tracked Skid Steer Loader



805223

\$23,500

2003 Case RBX562 Round Baler



\$485,000

2015 New Holland CR8.90, 150 thr hrs, stone trap, guidance MacDon pick-up



\$125,000

2006 New Holland SD440A, 51' 10" paired row 5" rubber C/W 20011 P1060 430 bu cart

Vaneec
Farm Centre Inc.

"Southern Alberta's New Holland Dealer since 1967"

510 - 36th. Street, North, Lethbridge, AB
PHONE: (403) 327-1100
ALBERTA TOLL FREE: 1-800-565-0592
EMAIL: vfc@telusplanet.net

JOHN BEYER **JAKE PETERS**
Cell: 403-380-0488 Cell: 403-654-3243
BRAYDEN VAN DRIESTEN
403-394-4593

www.vaneecfarmcentre.com

THE LOWDOWN ON SOLAR AND WIND LEASES

The Farmers' Advocate Office has released a new publication titled *Negotiating Renewable Energy Leases*. "The FAO has been seeing an increase in the number of calls about negotiating wind and solar leases," said spokesperson Jeana Schuurman. The publication covers some key differences between wind and solar leases and those for oil and gas. Since wind and solar leases are 100 per cent voluntary, there is no legislated compensation structure, she said. "Landowners also need to be aware that the end-of-life considerations for wind and solar are also different," she added. For more info, see the Surface Rights, Utilities, and Energy section of www.farmersadvocate.gov.ab.ca. — FAO

OATWAY NEW SEED GROWERS PRESIDENT

The Alberta Seed Growers board of directors has elected Ward Oatway as president and Jason Welsh as vice-president for the upcoming year. Oatway has been a seed grower since 1984 and farms 1,300 acres of seed barley, wheat, peas and commercial canola with family near Clive. Welsh has been a seed grower for seven-plus years in Milk River, where his family operates Sleepy Hollow Seeds and grows pedigreed wheat, barley, peas and grass seed. Oatway and Welsh will serve two-year terms in their executive positions. Glenn Logan will serve as past president for the next two years. — AAF

MORE NEWS

Government help needed to save critical wildlife habitat

The conservation group says soaring farmland prices are a major barrier to protecting wetlands and other critical ecosystems

BY ALEX BINKLEY
AF CONTRIBUTOR

The next Agriculture Policy Framework needs to compensate farmers and landowners who embrace environmentally sustainable land management, says Ducks Unlimited Canada.

Otherwise the alarming loss of wetlands and other critical wildlife habitat will continue its upward spiral, Scott Stephens, the organization's Prairie director, told the Senate agriculture committee, which is examining land-ownership.

"Skyrocketing prices and the loss of agricultural land not only negatively impact Canada's agricultural sector but it also has serious consequences for our country as a whole, as it translates into the loss of critical ecosystem services," he said.

The next policy framework presents a great opportunity to rethink how Canada views, governs and grows its agricultural sector, he said.

"The vision we as a country should aspire to is one where those farmers and rural landowners who already embrace environmentally sustainable land management are compensated for delivering critical ecosystem services to Canadians," Stephens said. "This will, in turn, help protect critical habitats in the larger agricultural landscape upon which they reside."

At the same time government should support industry initiatives, practices and emerging technologies that help improve agricultural production on the existing land base, he said.

Ducks Unlimited Canada works at developing partnerships with landowners of cost-share conservation programs or assist farmers to restore natural wetlands, said James Brennan, the organization's director of government relations.

In the case of a farmer who wants to sell, it will buy the property, restore any lost or degraded natural areas on that land, and then sell the property with its restored habitats protected by a perpetual conservation easement, Brennan said.

The program has proved especially popular and successful in the Prairie region, where the organization has purchased 29,000 acres over the past three years and sold 15,000 acres back into private ownership.



Wetland loss continues to grow at an alarming rate and Ducks Unlimited Canada says compensating farmers for environmental services could slow and even reverse that trend. PHOTO: THINKSTOCK

"The remaining acres purchased are either currently for sale or are being restored in anticipation of future sale," he said.

But rising land values are making habitat conservation on private land increasingly difficult, he said.

"This is because the financial incentives we offer through our various conservation programs must, at a minimum, equal current land use values," Brennan said. "Without this benefit, it becomes unattractive or uneconomical for the producer to undertake any form of conservation or restoration of habitat."

He noted a property known as Luke's Club on Lake St. Clair in Ontario was put up for sale in 2014.

"The listing price for the 512 acres of important coastal wetland habitat was \$3.9 million, a value based only on its farming potential," he said. "Because this price was more than three times the value of a comparable Great Lakes coastal wetland habitat, neither DUC nor any other conservation organization could afford this property and thus avoid risks of habitat conversion."

Development pressures and urban growth are also affecting land values and habitat conservation.

"Farmers who own agricultural lands near major city centres are more likely to sell their properties and take advantage of high prices," Brennan said. "When this occurs, any residual habitat usually gets converted to residential or industrial development, as does the farmland."

Nearly one-third, or 19.6 million hectares, of Canada's agricultural land base functions as important wildlife habitat, he said.

"Thanks to the environmental commitment of 18,000 individual landowners and our other partners, Ducks Unlimited Canada has been able to conserve nearly 6.4 million acres of habitat to date nationwide," he said.

Despite these efforts however, Brennan said wetland and other habitat loss in Canada is continuing to increase at an alarming rate.

Since the arrival of European settlers, an estimated 70 per cent of Canada's wetland base has been lost or degraded in the settled regions of our country.

"The financial incentives we offer through our various conservation programs must, at a minimum, equal current land use values."

JAMES BRENNAN

"To this day, we continue to lose more than 29,000 acres of wetlands each and every year," he said. "The consequences of this ecological loss are significant and are proving to have long-term ramifications not only for Canada's finances and climate resiliency but also for our agriculture sector's growth, competitiveness and the necessary public trust that underpins it."

He also said the loss of these lands means farmers will face more frequent flooding and soil erosion, which will only be magnified by a changing climate.

Taiwan bird flu culls reach nearly 130,000

Taiwan has culled nearly 130,000 poultry since the start of this year as authorities reported a fresh strain of bird flu cases on the island.

The highly pathogenic H5N6 avian flu has been confirmed in three cities and counties, the Bureau of Animal and Plant Health Inspection and Quarantine said.

"We are very concerned with H5N6, not of the bird-to-human transmission, but that it will become like South Korea where they had to cull around 33 million birds within three months resulting in significant damage to their industry," Huang Tze-chung, the bureau's director general, told a news briefing.

Taiwan can meet about 80 per cent of its poultry needs on its own. It imports poultry meat mainly from the United States and exports very little poultry.

According to the bureau, most of the birds culled this year so far were afflicted with the H5N2 and H5N8 strains of the bird flu. A total of 13 poultry farms have been affected this year so far, it said. — Reuters

Trade deals credited for boom in pork exports

The Canadian Pork Council says export growth will determine future industry growth

BY ALEX BINKLEY
AF CONTRIBUTOR

Canadian pork producers and processors have responded actively to new trade deals — and their success during the last decade has them looking for more opportunities.

Exports rose in value by 51 per cent to \$3.8 billion over the past decade, Canadian Pork Council data shows. Measured by volume, exports grew 21 per cent over the last decade to 1.2 billion kilograms.

"The development of international market opportunities like Japan and China creates Canadian jobs across the country, attracts investment and contributes to growing the economy," said pork council chair Rick Bergmann.

Canada exports pork to more than 100 countries, with the U.S., China and Japan as top three pork export markets in both volume and value.

Japan continued as a high-valued market worth \$1.07 billion for Canadian pork. Demand for Canadian pork in the Chinese market increased by 144 per cent in 2016. Canada shipped 312,000 tonnes of pork, worth \$580 million, to China, an increase of 157 per cent.



Canada's pork sector has enjoyed rapid expansion of export markets. PHOTO: THINKSTOCK

"Canadian hog producers, pork processors and meat traders and the many other companies in Canada that provide inputs and services to our industry have a very strong interest in Canada

aggressively pursuing further progress toward reducing agri-food trade barriers and trade-distorting subsidies, and achieving additional market access," Bergmann said.

The pork industry generates \$13.1 billion in economic activity and 31,000 on-farm jobs. Well over 70 per cent of the industry's output is now exported.

Grow informed.

With the new web series: **AGGronomyTV**

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

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



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

AGGronomyTV



Sponsored by

Bayer

Routine practices can generate fear in pigs

The less fearful of humans a swine herd is, the higher its productivity will be

BY SHANNON VANRAES
STAFF/WINNIPEG

It turns out one bad human can spoil the bunch — at least when it comes to pigs. When it comes to identifying humans, pigs “tend to generalize,” animal welfare expert Grahame Coleman said at a recent swine seminar here.

That means that if even one stockperson on a farm is short tempered or gruff, pigs tend to see all livestock workers as short tempered and gruff.

“So if their experience has been negative from some people on the farm, they tend to avoid them regardless and you see that reflected in those farm figures where the entire farm shows a higher fear level,” said Coleman, a professor of animal welfare at University of Melbourne in Australia.

Fearful pigs are less productive, more difficult to handle, and have more injuries, he added.

And it doesn’t take much to be perceived as aggressive — the occasional slap or push, or even loud talking can make a big impression on a herd.

“They’re not instances of bad mishandling

or malicious intent or cruelty, or anything like that,” said Coleman. “It turns out that some of the things that were routine practice on farms were having this deleterious effect on the fear levels of the animals.”

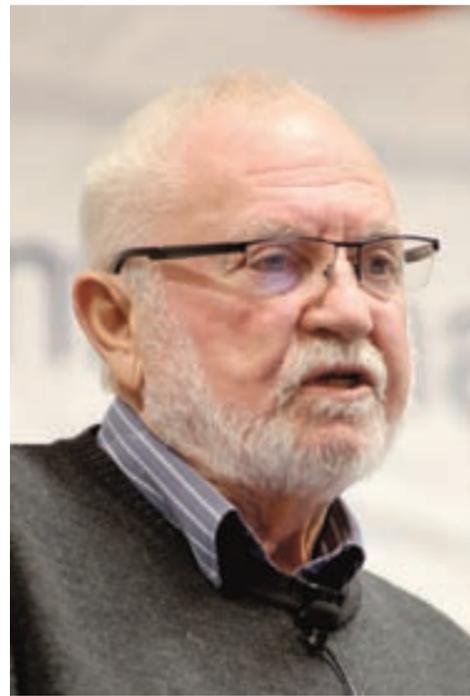
On the other hand, studies have found that speaking in an upbeat tone or giving a pig an occasional pat makes pigs less fearful and easier to handle, he said.

“What we found is that there is a significant role that stockpeople can play, both in determining the productivity on farm as well as meat quality at slaughter,” he said.

Employee satisfaction also plays a role in animal productivity he added, noting employees who enjoy their work and feel secure in their job tend to have more positive interactions with pigs. Proper training is key to getting livestock workers to adopt fear-reducing practices, said Coleman. But every worker must participate for a farm to see a significant improvement in herd fear levels, he said.

“Training procedures which target the attitude and behaviour of stockpeople currently offer considerable opportunity to improve both pig productivity and welfare.”

shannon.vanraes@fbcpublishing.com



“It’s generally accepted that stockpeople have a significant role in managing their animals, and no one is going to question that, but what we wanted to do is expand that notion to specific aspects of what stockpeople do in addition to the normal husbandry and management procedures.”

GRAHAME COLEMAN

Manitoba ‘pre-rigor’ sow plant a first

STAFF

The Manitoba town of Blumenort is now home to Canada’s first federally inspected pre-rigor sow-processing plant.

Pre-rigor processing refers to harvesting and processing the animals without an extended hanging time in coolers. Jowett Farms owner Robert Jowett says they’re able to produce sausage within an hour of slaughtering the animal.

Such products are rare but they’re said to be superior because the muscle tissue doesn’t begin breaking down before processing as it does when stored for prolonged periods in a cooler.

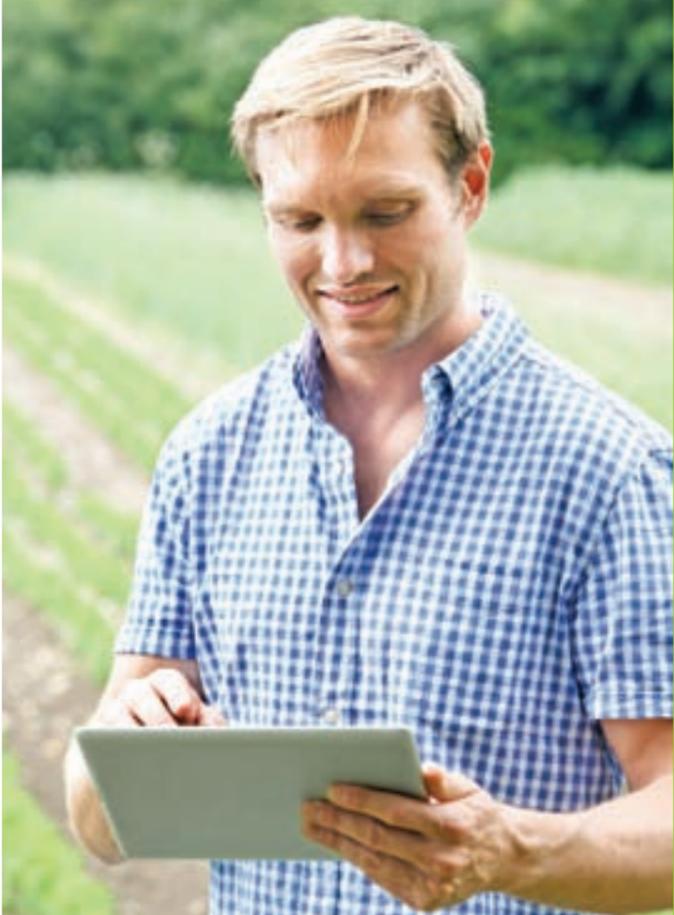
The meat also has improved shelf life, with a lot of natural binding agents remaining in the product, Jowett said.

The market for such products is largely untapped in Canada, he added.

“We found that a lot of processors in Canada have not had access to this product before,” he said. “It’s all gone down to the U.S. We decided to do it and we’re getting a lot of interest from all over, but mainly Canada at the moment.”

The new facility will create more than 100 full-time jobs once the plant is up and running at full capacity, he said.

Manitoba Co-OPERATOR
CountryGuide
AlbertaFarmer
THE WESTERN PRODUCER
Grainews
Canadian Cattlemen
AGDealer



Members
get more!

COMING SOON!



Glacier FarmMedia is Canada’s largest agricultural publisher, producing more than 20 print and electronic titles that include many of the most trusted names in Canadian agriculture.

When you sign up for a **Glacier FarmMedia** member account — you can access free news, markets, weather, equipment alerts, special deals on ag products & services — on your mobile, tablet or desktop!

Go to membersgetmore.ca to sign-up today - **It’s free!**

Remember that story you wanted to read again from a few months back?

AGCanada.com
Network

Search news. Read stories. Find insight.

GLACIER **farmmedia** **MEMBERSHIP**

membersgetmore.ca

HEARTLAND

Community news
and events from
across the province

Taking a seat at the table to share agriculture's story

BY JENNIFER BLAIR
AF STAFF / OLDS

The picturesque old barn conjured up stereotypical images of an old-fashioned farm, but the conversation inside was all about the modern world of agriculture.

The Seat at our Table event in the old white barn near Olds brought 150 people — mostly millennials — from across the province on Canadian Agriculture Day. But the goal wasn't to celebrate modern agriculture, but to encourage frank and open conversations between young farmers and their urban counterparts.

"A Seat at our Table is one of those amazing vehicles that gives us that opportunity to have those conversations and bridge the gap between urban and rural," said Fraser Abbott, chairperson of the Alberta Culinary Tourism Alliance, a partner for the event.

"We wanted to bring together different agricultural communities and people from all walks of life to learn more about what Alberta has to offer."

A Seat at our Table launched in 2015 as a way to connect farmers with consumers, and this particular event invited 150 people to 'meet in the middle' on Feb. 16 to talk about food over a locally sourced five-course meal.

"It's Canada's 150th birthday this year, and we thought why not bring everybody together on Canadian Agriculture Day and celebrate the richness that agriculture and the food industry brings to this province and to our entire country," said Amber Schinkel, a morning news anchor for Global News in Calgary and the event's MC.

Roughly 95 per cent of the attendees were millennials, said Schinkel, who grew up on a farm near Cochrane.

"We thought it would be fun to bring together 75 millennials from an agricultural background and 75 millennials who do not have an agricultural background," she said. "For so long, it's been our parents' generation — the baby boomers — who have really been driving things, but we're now moving forward with our generation."

"We wanted them to come to the table to celebrate one of the biggest economic drivers in this country."

The rest of the attendees — "vintage" members of the agriculture and food industry — came to the table to "help make change," she added.

"They're very open to what comes of the conversations tonight," said Schinkel. "They really care about the ideas and conversations that come out of us all being here this evening."

As the evening progressed, guests were treated to a variety of dishes prepared by mil-



Rural and urban came together over a five-course meal to share their stories and ask questions about where our food comes from. PHOTOS: JENNIFER BLAIR

"A Seat at our Table is one of those amazing vehicles that gives us that opportunity to have those conversations and bridge the gap between urban and rural."

FRASER ABBOTT



For farmer Jesse Williams, the Canadian Agriculture Day event was "eye opening."

lennial chefs using foods from local farms, everything from lentil soup to bison brisket with smashed pulses, seared tri tip steaks with mashed potatoes, and goat cheese mousse with raspberry sauce. Each dish was also paired with a locally produced beverage, ranging from beer to aquavit and raspberry vodka.

And as people ate, they talked. Seated at three long tables, with urban and rural interspersed throughout, farmers shared their stories and consumers asked questions about how their food is produced — the real purpose of the event.

"That's one of the things that we are passionate about — fostering those conversations so that all of us will jump down that rabbit hole together and learn more about what it is our province has to offer," said Abbott.

"We want people to engage in those conversations with farmers — the people who work this land — and with all those people who use those products and put it onto our plate."

Jesse Williams was one of the young farmers at the event, and she found the evening to be "eye opening."

"We should never give up an opportunity to speak with our consumers and see what their concerns and perceptions are," said Williams, who raises cattle near Hanna.

"I actually chatted with a nurse who has never been to a farm and who had a lot of really great questions and concerns about where her beef was coming from."

"It really just opened my eyes to the sorts of perceptions that are out there. I'm really glad that I had the opportunity to come."

In most cases, "people just don't know" about farming, and that's where misconceptions about the industry stem from, she said.

"A lot of our urban population has never been to the farm, and they're very busy people — especially millennials that are extremely busy and don't have a lot of time," said Williams.

"They don't think about going

out to a farm, and they've probably never even had the opportunity to. They probably haven't been invited."

That's why it's so critical to "meet them in the middle," she added.

"We can't expect them to just show up at our farms, just like we don't show up at their places of work. It's important that we come together and learn from each other."

And for Williams, there's "huge value" in having millennials in particular "come together and learn from each other."

"It's not the same industry that it was during our parents' generation," she said.

"Millennials are a completely different group of people who communicate in different ways and have very different values and ideas about where their food should come from."

"As much as I love the generations that came before the millennials, it's important to focus on where our industry is going in the future."

jennifer.blair@fbcpublishing.com

what's up

Send agriculture-related meeting and event announcements to:
glenn.cheater@fbcpublishing.com

Feb. 27-28: Alberta Poultry Industry Conference, Sheraton Red Deer, Red Deer. Contact: Alberta Chicken Producers 1-877-822-4425

Feb. 28: Environmental Farm Plan & Growing Forward 2 Workshop, Debolt Community Centre, Debolt. Contact: Jen 780-835-6799 ext. 3

Feb. 28: Agritourism and Farm Direct Marketing Workshop, Agriculture Centre, Lethbridge. Contact: Ag-Info Centre 1-800-387-6030

Feb. 28: LARA AGM and Research Update, Eastbourne Hall, Glendon. Contact: LARA 780-826-7260

March 1: Farming Smarter Annual Growers Meeting, Farming Smarter office, Diamond City. Contact: Claudette Lacombe 403-317-0022

March 1: Strawberry Production Workshop, Pomeroy Inn & Suites at Olds College, Olds. Contact: Ag-Info Centre 1-800-387-6030

March 1: Battle River Research Group AGM, Castor Community Hall, Castor. Contact: BRRG 780-582-7308

March 2-3: 2017 Farm to Market Conference, Pomeroy Inn & Suites, Olds. Contact: Alberta Farm Fresh Producers Association 403-964-3276

March 6-7: Advancing Women in Agriculture Conference, Hyatt Regency, Calgary. Contact: Brenda Driver 403-686-8407

March 7: Potato Post-Harvest Management, Coast Lethbridge Hotel & Conference Centre, Lethbridge (also March 8 in Lacombe and March 9 in Westlock). Contact: Ag-Info Centre 1-800-387-6030

March 7: Price Risk Management Strategy Workshop for Hog Producers, Lacombe Memorial Centre (also March 9 in Lethbridge), Lacombe. Contact: Ag-Info Centre 1-800-387-6030

March 8: Working Well Workshop Schedule, location t.b.a., St. Michael (also March 9 in Leduc, March 14 in Millet, March 16 in Drayton Valley, March 21 north of Sundre, March 23 in MD of Bonnyville, and March 28 in Woodbend). Contact: Heather Dickau 780-955-3555 ext. 3287

March 14: Problem Pests in Horticulture Crops, Agriculture Centre, Airdrie (also March 15 in Lacombe and March 16 in Sherwood Park). Contact: Ag-Info Centre 1-800-387-6030

March 14: Solar Power Workshop, ENTREC Centre, Grande Prairie (also March 15 near Woking and March 16 in Fahler). Contact: Jill 780-532-9727

March 15: Crop Production Workshop, Forestburg Community Hall, Forestburg. Contact: Battle River Research Group 780-582-7308

Food Freedom Day shows that Canadians have it lucky



The average Canadian's annual food bill consistently ranks among the lowest in the world. PHOTO: THINKSTOCK

STAFF

It took just 39 days in 2017 to earn enough income to pay the annual grocery bill in the typical Canadian household this year, according to the Canadian Federation of Agriculture.

Food Freedom Day — which fell on Feb. 8 this year — highlights Canada's consistent ranking worldwide for the lowest food costs, the farm organization said. Canadians spent the third-lowest share of their total expenditures on food.

As Canada also gears up to mark its 150 anniversary of confederation, the CFA is planning a series of activities highlighting the positive contributions of agriculture, including capturing 150 stories from Canadian farmers.

"As Canada approaches its 150th birthday, we'll take a close look at the relationships

between Canadians, their food, and farming communities," CFA president Ron Bonnett said in a news release.

An initial publication for the "Canada 150: Our Farms. Our Food. Our Future" campaign has now been released for use in promotional and educational settings which highlights that:

- One in eight jobs in Canada is linked to agriculture. There are 2.1 million Canadians employed in the agriculture and agri-food industry.
- Agriculture represented 6.6 per cent of Canada's gross domestic product in 2014. The agriculture and agri-food system generated \$108 billion.
- Agricultural greenhouse gas emissions intensity improved by 33.5 per cent from 1990 to 2013. While production continues to grow, agriculture saw a decrease in greenhouse gas emissions from 2005 to 2014 of two megatonnes.

Poultry farmers named Alberta's Outstanding Young Farmers

OUTSTANDING YOUNG FARMERS RELEASE

Redwater poultry farmers Marc and Hinke Therrien are this year's Outstanding Young Farmers for Alberta.

The couple started their agriculture careers in the feed industry and Marc worked at a large broiler farm in order to gain hands-on farming experience. In 2012, they were offered the opportunity to run Pine Valley Family Farm, where they managed all of the poultry production.

Over the past five years of producing turkeys, the couple, who have three children, have been able to double their production every year, going from 450,000 kilograms in their first year to

1.65 million kilograms in 2015. They are also involved in their community by hosting a local county agricultural farm tour and several university student group tours.

"It was inspiring to see such a passionate group of farmers that are all doing such amazing things for agriculture in Alberta," said Harvey Walsh, deputy mayor of Olds, where this year's event was held.

Canada's Outstanding Young Farmers' program began in 1979 in Alberta and became a national event in 1980. The annual competition recognizes farmers aged 18 to 39 who exemplify excellence in their profession and promote agriculture. Two national winners will be chosen at the national event in Penticton, B.C., which runs from Nov. 29 to Dec. 3.



Marc and Hinke Therrien, chosen as Alberta's Outstanding Young Farmers this month, will compete for the national title in November.

PHOTO: CANADA'S OUTSTANDING YOUNG FARMERS

Tens of thousands turn to 211 helpline

A helpline that connects Albertans to community, government, and social services received more than 88,000 calls in 2016.

Just over half of all calls to the 211 number last year were about income and social assistance; housing supports; transportation; and public service information.

The call data provides "a view to the mostly invisible social service needs in the province," said the executive director of the Canadian Mental Health Association (Edmonton Region), which operates the United Way-funded phone line.

"Our community, social, and government services are plentiful but complex to navigate, and many Alberta residents find it difficult to know where to begin," said Ione Challborn. "On average, a person will make seven calls before finding the help they need."

Residents should always call 911 for a life-threatening emergency, when a property is in danger, or a crime is in

Residents should always call 911 for a life-threatening emergency, when a property is in danger, or a crime is in progress, the organization said in a release.

progress, the organization said in a release. For health advice and information residents can call HealthLink at 811.

The 211 helpline operates 24 hours a day, seven days a week, and provides service in more than 170 languages. — CMHA Edmonton Region

HEARTLAND Marketplace

Wildrose Bison Convention

BISON SHOW & SALE | March 18th – 19th Ponoka, AB

FRIDAY: 10AM – 9 PM

KEYNOTE SPEAKER – ROLAND KROOS

SPEAKER PRESENTATIONS – LUNCH

PRODUCER PANEL – BANQUET- AWARDS

THE BEST FUN AUCTION EVER!

SATURDAY: 9 AM

AGM – JUDGES' COMMENTS

VJV AUCTION for the BISON SALE



Limited to 200 Attendees

For More Info & Registration Form

Go to www.bisoncentre.com

info@bisoncentre.com

780-955-1995





DOGGONE MAGPIE

Jessie, an Australian shepherd, makes sure this magpie will not get her beef marrow bone, on a ranch near Millarville PHOTO: WENDY DUDLEY

SEE Technology
TOUCH Innovation
BE Empowered



**See the latest crop and seed products at
Western Canada's only outdoor farm expo!**



Join us at the third annual **Ag in Motion** on **July 18 - 20, 2017**.

It's a unique opportunity to get up close and personal with today's agricultural technology. Experience live demonstrations of field equipment, crops, livestock and services all together on 320 acres 15 minutes north west of Saskatoon.

Ag in Motion[™]
Western Canada's Outdoor Farm Expo

Ontario backs feed processing at Cargill beef plant

Cargill says the new system will cut waste and create a 'protein-rich animal feed ingredient'

STAFF

Ontario's government is giving Cargill \$582,000 to process byproducts from its Guelph beef plant for feed.

Cargill is installing a "value-added" processing system to convert raw byproduct into a "protein-rich animal feed ingredient."

The "leading-edge technological upgrades," installed at a total cost of \$3.5 million, are expected to ensure a "high level of nutrients" and protein in feed for livestock, poultry and "other animals."

The province didn't specify what byproducts would be used or what types of livestock would receive feed with the Guelph plant's ingredients.

The use of specified risk materials (SRMs) from beef processing in animal feed, pet foods and fertilizer has been prohibited since 2007. SRMs include tissues known to harbour the proteins that cause BSE in cattle.

Meat and bone meal from ruminant livestock, such as cattle, sheep, goats, elk and buffalo, with all SRMs removed, are allowed in feeds — except in feeds meant for other ruminants.

Processing feed ingredients on site is expected to allow Cargill to reduce its outsourcing and decrease the Guelph beef plant's "environmental waste," the province said. — *Staff*

CLASSIFIEDS

abclassifieds@fbcpublishing.com

Alberta Farmer Express
The Western Producer

POWERED BY
FarmZilla | POWERING CANADA'S
FARM MARKETPLACE

FIND OUT HOW TO
EXPAND YOUR REACH

1-800-665-1362

ANTIQUES

ANTIQUE EQUIPMENT

4 JD TRACTORS: 730D, 830D, 2- 820D; Minneapolis Moline R. All tractors running. Phone 780-349-2466, Westlock, AB.

2- MASSEY FERGUSON Super 92 combines for parts only. Phone for info. 403-318-8135, Delburne, AB.

1930 COCKSHUTT 10' HORSE DRAWN seed drill for restoration or parts. For more info call 403-318-8135, Delburne, AB.

FOR SALE: 1950 McCormick W6 tractor for parts. For information call 403-318-8135, Delburne, AB.

3 TRACTORS FOR SALE: MF97 FWA needs restoration; JD70, needs work, has all parts; IHC Super A, running, good shape. Contact Alan 403-625-9152, Stavelly, AB.

STEINER PARTS DEALER, Save! - No long waits. No brokerage fees. Fast weekly service. Good exchange rates. Diamond Farm Tractor Parts 1-800-481-1353.

ANTIQUE VEHICLES

1978 FORD BRONCO restored 15 years ago, \$3000 OBO. Phone 306-463-3257, Kindersley, SK.

ANTIQUE MISC.

WANTED: USED DIESEL injection pump for International 560, 660 or 556. 403-223-8472, Taber, AB.

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

WESTERN PRODUCER PHOTOGRAPHER seeks old cameras and darkroom equipment. 306-665-9623, Saskatoon, SK.

OLDER HORSE DRAWN Equipment, Some in good shape, some not so good; Also 1953 Seeburg Jukebox in good shape. Call 306-734-2970, Chamberlain, SK.

AUCTION SALES

IN PURSUIT OF PERFECTION Bull Sale Thursday March 9th, at Spring Creek Ranch in Moosomin, SK. Offering 100 Red and Black Simmental, Red and Black Angus and Black Best of Beef bulls. Volume and loyalty customer discounts. For catalogue or more information contact Brian McCarthy 306-435-7527 or T Bar C Cattle Co. 306-220-5006. View catalogue on-line: www.buyagro.com PL#116061



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

AUTO/TRANSPORT

AUTO SERVICE/REPAIRS

ALLISON TRANSMISSION. Service, Sales and Parts. Exchange or rebuild. Call Allied Transmissions Calgary, 1-888-232-2203; Spectrum Industrial Automatics Ltd., Blackfalds, AB., call 1-877-321-7732.

ADVERTISING INFORMATION

Advertising Deadline THURSDAY NOON

(2 weeks prior)

WINNIPEG OFFICE
Alberta Farmer Express
1666 Dublin Avenue, Winnipeg, MB R3H 0H1
Toll-Free in Canada 1-800-665-1362
FAX 204-954-1422
Mailing Address:
Box 9800, Winnipeg, Manitoba R3C 3K7

CAUTION

The Alberta Farmer Express, while assuming no responsibility for advertisements appearing in its columns, exercises the greatest care in an endeavor to restrict advertising to wholly reliable firms or individuals. However, please do not send money to a Manitoba Co-operator box number. Buyers are advised to request shipment C.O.D. when ordering from an unknown advertiser, thus minimizing the chance of fraud and eliminating the necessity of a refund where the goods have already been sold.

AGREEMENT

- The publisher reserves the right to refuse any or all advertising for any reason stated or unstated.
- Advertisers requesting publication of either display or classified advertisements agree that should the advertisement be omitted from the issue ordered for whatever reason, the Alberta Farmer Express shall not be held liable. It is also agreed that in the event of an error appearing in the published advertisement, the Alberta Farmer Express accepts no liability beyond the amount paid for that portion of the advertisement in which the error appears or affects. Claims for adjustment are limited to errors appearing in the first insertion only.
- While every endeavor will be made to forward box number replies as soon as possible, we accept no liability in respect to loss or damage alleged to arise through either failure or delay in forwarding such replies, however caused, whether by negligence or otherwise.

AUTO SERVICE/REPAIRS

CHECK OUT OUR parts specials at: www.Maximinc.com/parts or call Maxim Truck & Trailer toll free 1-888-986-2946.

AUTO/TRUCK PARTS

WRECKING LATE MODEL TRUCKS: 1/2, 3/4, 1 tons, 4x4's, vans, SUV's, Cummins, Chev and Ford diesel motors. Jasper Auto Parts, 1-800-294-4784 or 1-800-294-0687.

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

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

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

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

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

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

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

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

BUSES

SCHOOL BUSES: 20 to 66 passenger, 1991 to 2007, \$2300 and up. 16 buses in stock! Call Phoenix Auto, Lucky Lake, SK. 1-877-585-2300. DL #320074.

CARS

2016 SUBARU IMPREZA consumer reports as best small car starting at \$23,360! Call for best price!! 1-877-373-2662 or www.subaruofsaskatoon.ca DL #914077.

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

TRAILERS

2015 AHV LODE-KING aluminum Super B hoppers, extra light pkg., round stainless fenders, current safety, excellent 11R22.5 tires w/alum. wheels, exc. cond., no air lift or elec. tarps. 8 sets avail., \$90,000 OBO each. 1-866-236-4028, Calgary, AB.

1994 LODE-KING TRI-AXLE, electric chutes and augers, very good shape, 403-362-9211, Bassano, AB.

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

2014 LODE-KING SUPER B, aluminum grain trailer, new tarps, new rubber 22.5, \$86,000. 306-677-7617, Hodgeville, SK.

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

LOOK HERE

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

ALL ALUMINUM GRAIN TRAILERS: Tandems, tridems and Super B Timpete grain trailers. Call Maxim Truck & Trailer, 1-888-986-2946 or www.Maximinc.com

CHECK OUT OUR inventory of quality used highway tractors. For more details call 204-685-2222 or view information at www.titantrucksales.com

LIVESTOCK TRAILERS



2016 BISON RANGER 8310 RG, #G2005068, \$59,900. Living quarters. Phone 1-866-346-3148 or shop online 24/7 at: Allandale.com



2017 FEATHERLITE 8127-7024, #HC143379. Calving Special! Regular: \$35,235. Sale: \$26,500. Edmonton/Red Deer, AB. Phone 1-866-346-3148 or shop online 24/7 at: Allandale.com



WIDE SELECTIONS AT BEST PRICING. Full lineup of Wilson, Sundowner, Norbert stock trailers to help you get your cattle to market. With 15 years of sales and service we will not be undersold! Bassano, AB., 1-800-641-4508. www.desertsales.ca

MISC. TRAILERS

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

NORBERT 24' GOOSENECK trailer, 2- 7000 lbs. axles, 2 hitches, good shape, \$7500. 403-597-2006, Sylvan Lake, AB.

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

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

2015 GERMANIC 31' tridem end dump, lift axles, \$42,000; 2005 Trailtech 27' 5th wheel trailer, 20,000 axles w/loading ramps and self-contained 545 Ferrari crane unit, \$17,000; 1998 Loadline 29' end dump tandem, air ride, \$25,000; 1998 Loadline 29' end dump, tandem, spring ride, \$22,000. Can-Am Truck Export Ltd., 1-800-938-3323, Delisle, SK. DL #910420.

100 MISC. SEMI TRAILER FLATDECKS/stepdecks, \$2,500 to \$30,000. 20 heavy lowbeds, \$10,000 to \$70,000. Tankers, end dumps. 306-222-2413, Saskatoon, SK. www.trailerGuy.ca

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

STAINLESS AND ALUMINUM Super B's/ tri-axle tankers, TC 406 and 407. Call for specs, 306-921-7721, Melfort, SK.

ALL ALUMINUM TRAILERS: tridems and Super B Timpete grain trailers. Call Maxim Truck & Trailer, 1-888-986-2946 or see www.Maximinc.com

CHECK OUT OUR inventory of quality used highway tractors. For more details call 204-685-2222 or view information at www.titantrucksales.com

TRUCKS

NEWEST TO OLDEST

www.titantrucksales.com to check out our inventory of quality used highway tractors! Or call: 204-685-2222 MacGregor MB

2017 GMC CANYON Crew Cab SLT Diesel, 2.8L, 4cyl., loaded, heated leather. \$47,895. Phone 1-800-667-0490. DL#907173. www.watrousmainline.com

2017 GMC CANYON Cab SLT 4x4, 3.6L, V6, Nav, loaded, heated leather \$44,795. Phone 1-800-667-0490. DL#907173. View our website: www.watrousmainline.com

2017 GMC 2500 CREW CAB SLT 4x4 Diesel, 6.6L, V8, loaded, sunroof, heated & cooled leather. Phone 1-800-667-0490. DL#907173. www.watrousmainline.com

2017 GMC 1/2 TON Double Cab SLT 4x4, 5.3L, V8, loaded, heated leather \$48,695. Phone 1-800-667-0490. DL#907173. View our website: www.watrousmainline.com

2017 GMC 1/2 TON Double Cab, 5.3L, V8, loaded trailer package, heated cloth. \$43,995. Phone 1-800-667-0490. DL#907173. www.watrousmainline.com

2017 GMC 1/2 TON Crew Cab Denali, 6.2L, V8, loaded, Nav, sunroof, heated & cooled leather. \$65,995 Phone 1-800-667-0490. DL#907173. www.watrousmainline.com

2017 CHEV & GMC 1/2 ton Crew Cab, 5.3L, V8, loaded, cloth \$46,695 Phone 1-800-667-0490. DL#907173. View our website: www.watrousmainline.com

2008 FORD F350 4x4 Super Duty Crew, 6.4L auto trans, 120,000 kms, exc. cond., PST paid. 306-382-4255, Dalmeny, SK.

NEWEST TO OLDEST

2017 CHEV & GMC 1/2 Ton Crew Cab, 5.3L, V8, loaded, heated leather \$50,695. Phone 1-800-667-0490. DL#907173. View our website: www.watrousmainline.com

2016 GMC 1500 REG. Cab 2WD, 4.3L, V6, loaded, Bluetooth, cloth. \$25,149 Phone 1-800-667-0490. DL#907173. Visit our website: www.watrousmainline.com



2009 F150 XL, 5.4 auto, 4x4, SWB, only 48,000 kms, fresh safety, \$18,900. Cam-Don Motors, 306-237-4212, Perdue, SK.

FOUR WHEEL DRIVE

WANTED: 1979 F150, reg. cab, 4x4 auto., longbox, in good running cond. or parts; Also looking for older Ford trucks in running cond. 403-249-1468, Cochrane, AB.

2012 CHEV LT, ext. cab., 5.3L, 14,400 orig. kms, shedded, newer winter driven, extras, \$29,000. 306-764-7865, Prince Albert, SK.

CHECK OUT OUR inventory of quality used highway tractors. For more details call 204-685-2222 or view information at www.titantrucksales.com

GRAIN TRUCKS

1976 HEAVY 6500 GMC with 400 bu. box and roll tarp, new hoist, asking \$12,000 OBO. 306-778-3749, Swift Current, SK.

2007 WESTERN STAR 4900SA tri-drive, C15 Cat, 550 HP 18 spd., full lockers, new 24' CIM B&H. 306-270-6399, Saskatoon, SK. www.78truxsales.com DL #316542.

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

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

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

18' GRAIN BOX with tarp. \$5,000 Call 306-581-1013. Pense, SK.

2009 Mack CH613, MP8 Mack eng., 430 HP 10 spd., AutoShift, 463,000 kms, exc. shape, new 20' box, A/T/C, \$73,500; 2009 IH Transtar 8600 w/Cummins eng. 10 spd., AutoShift, new 20' BH&T, 742,000 kms, exc. tires, real good shape, \$69,500; 2007 IH 9200, ISX Cummins, 430 HP AutoShift, alum. wheels, new 20' BH&T, fully loaded, 1,000,000 kms, real nice, \$67,500; 2009 Mack CH613, 430 HP Mack, 10 spd., AutoShift, new 20' BH&T, alum. wheels, 1.4 million kms, has bearing roll done, nice shape, \$69,500; 2007 Kenworth T600, C13 Cat, 425 HP 13 spd., AutoShift, new 20' BH&T, alum. wheels, new paint, 1.0 million kms, exc. truck, \$71,500; 1996 Midland 24' tandem pup grain trailer, stiff pole, completely rebuilt, new paint and brakes, exc. shape, \$18,500; 1985 Ford L9000, Cummins, 10 spd., 20' BH&T that's been totally rebuilt, new paint, exc. tires, \$28,500; 1999 IH 4700 S/A w/17' steel flatdeck, 230,000 kms, IH dsl., 10 spd., good tires, \$19,500; 1998 Freightliner tractor, C60 Detroit, 430 HP 13 spd., alum. wheels, sleeper, good rubber, \$17,500; 2005 IH 9200 tractor, ISX Cummins, 430 HP 13 spd., alum wheels, flat-top sleeper, good rubber, \$22,500. All trucks SK safetied. Trades considered. All reasonable offers considered. Arborfield SK. DL 906768. Call Merv 306-276-7518 res., 306-767-2616 cell.

GMC 6500, single axle, built in vac system, 66,439 miles, Phone 306-483-7322, Froisher, SK.

ALLISON AUTOMATIC TRUCKS: Several trucks with auto. trans. available with C&C or grain or gravel box. Starting at \$19,900; 2002 IH 4400 DT466, Allison automatic, 20' B&H, \$56,900. Call K&L Equipment, 306-795-7779, Ituna, SK. DL #910885. ladimer@sasktel.net

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

CHECK OUT OUR inventory of quality used highway tractors. For more details call 204-685-2222 or view information at www.titantrucksales.com

GRAVEL TRUCKS

2012 IHC TRANSSTAR, low pro, Max 300 HP diesel Allison auto trans, single axle, loaded cab, 13' Armstrong landscape dump, \$39,900; 2006 STERLING L9500, tandem, dsl eng, 10 spd. trans., 15' box, low low kms, \$39,900. K&L Equipment and Auto. Call Ladimer, 306-795-7779, Ituna DL #910885

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

CHECK OUT OUR inventory of quality used highway tractors. For more details call 204-685-2222 or view information at www.titantrucksales.com

SEMI TRUCKS

2007 IHC 9900 daycab, 18 spd. Eaton AutoShift, ISX 450 HP, 24.5 rubber, full lockers, wet kit, 655,000 kms, 306-270-6399, Saskatoon, SK. DL#316542. www.78truxsales.com

SEMI TRUCKS



2009 VOLVO VNL430, No DEF, Volvo D16, 535 HP 18 spd., 4-way locks, 290,000 kms, mint condition, farmer owned. \$69,000. Westlock, AB. 780-206-1234.

2003 KENWORTH W900L, Cat C15, 475-550 HP 18 spd. heavy 40 rears, 4:11 ratio, high level VIT int. w/leather seats, \$59,000 OBO. 306-786-6600, Yorkton, SK.

FORD L9000, 1986, S/A, 3406 Cat, 9 spd. Fuller, newer 1200 rubber 5th wheel with tow truck mounted deck and headchea rack, runs well, \$7500 OBO. 306-769-4132, Arborfield, SK.

2011 PETE 386 and 2011 Kenworth T800. Both- 550 ISX, 18 spds, loaded, low kms. Pete, \$58,000 OBO; Kenworth, \$59,000 OBO. Phone 306-921-7721, Melfort, SK.

CHECK OUT OUR inventory of quality used highway tractors. For more details call 204-685-2222 or view information at www.titantrucksales.com

SPECIALIZED TRUCKS

1999 DODGE 3500 w/bale deck, vg cond., well maintained, \$12,500.; 2012 Dodge 5500 w/bale deck, 93,000 kms, \$48,000. 403-701-1548, Strathmore.

2001 VACTOR 2100 on FL80 Freightliner rodder. Call 306-445-5602, North Battleford, SK.



2000 FL80, 3126 Cat 10 spd., 24' deck, very good unit, recent safety, Sask. registered, \$26,900. Call Kevin 306-237-4212, Perdue, SK.

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

CHECK OUT OUR inventory of quality used highway tractors. For more details call 204-685-2222 or view information at www.titantrucksales.com

SPORT UTILITIES

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

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

2017 CHEV TAHOE Premier, 5.3L, V8, loaded, sunroof, Nav, heated & cooled leather, \$77,795 Phone 1-800-667-0490. www.watrousmainline.com DL#907173.

2017 GMC YUKON EX sit, 5.3L, loaded, sunroof, Nav, DVD, heated & cooled leather, \$76,995 Phone 1-800-667-0490. www.watrousmainline.com DL#907173.

CONSULTING 2901	CONSULTING 2901	CONSULTING 2901
--------------------	--------------------	--------------------



GOT PAIN?

Find out why half our patients are happy Western Canadian farmers

Stem cells from your own fat and bone marrow for arthritis of joints and low back / neck pain

Affordable alternative to surgery without the down time

Hundreds of Western Canadian farmers treated

Located in Park City, Utah close to the Salt Lake City airport.



DOCERE CLINICS

www.docereclinics.com

(435) 604-0438

Stretch your advertising dollars! Place an ad in the classifieds. Our friendly staff is waiting for your call. 1-800-665-1362.

FINANCIAL/LEGAL 2902	CUSTOM WORK 3560	CONSTRUCTION EQUIP. 3600
-------------------------	---------------------	-----------------------------

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

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

CONTRACTING

CUSTOM TRUCKING
3550



EQUIPMENT HAULING. Serving Western Canada and Northwest USA. Call Harvey at 1-877-824-3010 or cell 403-795-1872. Vandenberg Hay Farms Ltd., Nobleford AB. Email: logistics@vandenbergfarm.ca

LARRY'S EQUIPMENT HAULING: Farm machinery and construction equipment. Serving Western Canada. 780-720-4304.

ANDRES TRUCKING. Hauling equipment, bins, livestock, towing. Canada/USA. Call or text 306-736-3454, South East, SK.

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

CUSTOM TUB GRINDING
3555

JIM'S TUB GRINDING, H-1100 Haybuster with 400 HP serving Saskatchewan. Call 306-334-2232, 306-332-7332, Balcarres.

CUSTOM WORK
3560

REGULATION DUGOUTS: 120x60x14', \$2000; 160x60x14', \$2950; 180x60x14', \$3450; 200x60x14', \$3950; Larger sizes available. Travel incl. in Sask. Gov't grants available. 306-222-8054, Saskatoon, SK.

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

BRUSH MULCHING. The fast, effective way to clear land. Four season service, competitive rates, 275 HP unit, also avail. trackhoe with thumb, multiple bucket attachments. Bury rock and brush piles and fence line clearing. Borysiuk Contracting Inc., www.bcisk.ca Prince Albert, SK., 306-960-3804.

CUSTOM LIQUID MANURE hauling, 3 tanks available. Contact George in Hague, SK. 306-227-5757.

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

CONSTRUCTION EQUIP.
3600



LANDMASTER DOZER: Professionally Engineered & Manufactured. Lease to own. Zero down. Semi-annual payments. Lease term up to 72 months. Call for details and pricing. Sask - Neil 306-231-8300 or Alta. Gord, 780-913-7353. landmaster.ca

KELLO DISC BLADES and bearings: 22" to 42" notched. Parts: oilbath and greaseable bearings to service all makes of heavy construction discs. Call: 1-888-500-2646, Red Deer, AB. www.kelloughs.com

RECLAMATION CONTRACTORS: Bigham 3 and 4 leg mechanical trip 3 pt. hitch Paratills in stock; parts for Bigham and Tye Paratills. Call Kelloughs: 1-888-500-2646.

1999 K LITE LIFTING 8M22 forklift, 8000 lbs. max load, 12' lift height, Cummins dsl. c/w blade attachment, \$8500 OBO. 780-218-2151, Andrew, AB.

CLIFF'S USED CRAWLER PARTS. Some older Cats, IH and Allis Chalmers. 780-755-2295, Edgerton, AB.

CASE 590 BACKHOE, 4x4, extend-a-hoe; JD 7728H grader, with snow wing. Call 306-238-4411, Goodsoil, SK.

HYDRAULIC SCRAPERS: LEVER 60, 70, 80, and 435, 4 to 30 yd. available. Rebuilt for years of trouble-free service. Lever Holdings Inc. 306-682-3332 Muenster, SK.



HYDRAULIC PULL SCRAPERS 10 to 25 yds., exc. cond.; Loader and scraper tires, custom conversions available. Looking for Cat cable scrapers. Quick Drain Sales Ltd., 306-231-7318, 306-682-4520 Muenster SK

ROAD GRADERS CONVERTED to pull behind large 4 WD tractors, 14' and 16' blade widths avail. 306-682-3367, CWK Ent. Humboldt, SK. www.cwenterprises.ca

ATTACHMENTS PARTS COMPONENTS for construction equipment. Attachments for dozers, excavators and wheel loaders. Used, Re-built, Surplus, and New equipment parts and major components. Call Western Heavy Equipment 306-981-3475, Prince Albert, SK.

SKIDSTEER ATTACHMENTS: Buckets, rock buckets, grapples, weld-on plates, hyd. augers, brush cutters and more large stock. Top quality equipment, quality welding and sales. Call Darcy at 306-731-3009, 306-731-8195, Craven, SK.

WANTED: 580D CASE BACKHOE running or not. Kelvington, SK. Call 306-327-7552, email: b.l.backhoe@sasktel.net

DIESEL ENGINES
3700

USED, REBUILT or NEW engines. Specializing in Cummins, have all makes, large inventory of parts, re-powering is our specialty. 1-877-557-3797, Ponoka, AB.

DIESEL ENGINES, OVERHAUL kits and parts for most makes. Cat, CIH, Cummins, Detroit, Mack, M&M Equipment Ltd., Parts and Service phone: 306-543-8377, fax: 306-543-2111, Regina, SK.

290 CUMMINS, 350 Detroit, 671 Detroit, Series 60 cores. 306-539-4642, Regina, SK

WANTED DIESEL CORES: ISX and N14 Cummins, C15 Cats, Detroit's Ddec 3, 4, DD15. Can-Am Truck 1-800-938-3323.

CAT C12, 355 HP runs good, still in truck, come and have a listen! \$7500. Cam-Don Motors Ltd., 306-237-4212, Perdue, SK.

ELECTRICAL MOTORS
3825

WANTED: LELAND ELECTRIC motor to fit Beatty vertical working head on 2" well casing. 780-632-7151, Vegreville, AB.

FARM AND INDUSTRIAL ELECTRICAL motor sales, service and parts. Also sale of, and repairs to, all makes and sizes of pumps and phase converters, etc. Tisdale Motor Rewinding 1984 Ltd., 306-873-2881, fax 306-873-4788, 1005A-111th Ave., Tisdale, SK. tmr@sasktel.net Website: www.tismtrevind.com

FARM BUILDINGS
4000

DIAMOND CANVAS SHELTERS, sizes ranging from 15' wide to 120' wide, any length. Call Bill 780-986-5548, Leduc, AB. www.starlinesales.com

INSULATED FARM SHOP packages or built on site, for early booking call 1-800-667-4990 or visit our website: www.warmanhomecentre.com

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

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

BEHLEN STEEL BUILDINGS, quonsets, convex and rigid frame straight walls, grain tanks, metal cladding, farm-commercial. Construction and concrete crews. Guaranteed workmanship. Call your Saskatoon and Northwest Behlen Distributor, Janzen Steel Buildings, 306-242-7767, Osler, SK.

FARM BUILDINGS 4000					
------------------------	------------------------	------------------------	------------------------	------------------------	------------------------



VersaFrame Inc.

METAL SIDING • METAL ROOFING






Steel rollformed to custom lengths • DIRECT from the MANUFACTURER

LOCATIONS ACROSS WESTERN CANADA

<p>NORTHERN ALBERTA</p> <p>Holden, AB Westlock, AB (780) 385-8819 (780) 350-8916</p> <p>St Paul, AB Grande Prairie, AB (780) 787-0129 (800) 390-6924</p> <p>HEAD OFFICE (780) 979-0325 Nisku, AB</p>	<p>SOUTHERN ALBERTA</p> <p>Torrington, AB Lethbridge, AB (403) 559-6059 (403) 758-3147</p> <p>Drumhellar, AB Granum, AB (403) 361-0490 (403) 359-3742</p> <p>Medicine Hat, AB (403) 525-4247</p>	<p>SASKATCHEWAN</p> <p>Leask, SK (306) 466-7921</p> <p>Biggar, SK (306) 948-3776</p> <p>Lumsden, SK (306) 731-2066</p>	<p>MANITOBA</p> <p>Portage La Prairie, MB (204) 791-3754</p> <p>Decker, MB (204) 412-0234</p> <p>BRITISH COLUMBIA</p> <p>Fort St. John, BC (250) 794-6618</p>
--	--	--	--

FOLLOW US! facebook.com/versaframeinc

youtube.com/versaframe

www.versaframe.ca

1-877-463-8256

FERTILIZER EQUIPMENT
4112



2011 4520 1-bin, 70' booms, \$145,000; 2-2010 Case 4520's, 70' booms: 3-bin, 3100 hrs., \$168,000; **Special: 2010 Case 3520, 3-bin, 3 wheeler, \$87,500**; Two 2007 Case 4520's, 3-bin, 70' booms, 3300 hrs., AutoSteer, \$134,000 and \$98,000; 2006 Case 4510, AutoSteer, FlexAir 70' booms, 7400 hrs., \$77,000; 2005 Case 4520 w/70' FlexAir, 4000 hrs., \$78,000; 2004 Case 4010, 80' **SPRAYER**, 7000 hrs., \$58,000; 2- 2004 Loral AirMax 1000s, 70' booms, immaculate, \$76,000 and \$62,000; 2006 2-bin AgChem, 70' booms, \$58,000; 2002 KBH Semi tender, self-contained, \$32,000; 2009 and 2012 Merritt semi belt tender, self-contained, \$32,000 and \$44,000; 2- 24 ton Wilmar tender beds, \$17,500 ea; 2012 Wilmar Wrangler 4560, loader, 780 hrs., \$28,500; 2009 Wrangler, 2400 hrs., \$23,500; 1974 10,000 gal. NH3 transport, \$38,500; 18,000 gal. NH3 holding tank, \$34,500. USD prices. 406-576-3402, 406-466-5356, Choteau, MT. www.fertilizerequipment.net



2005 PETERBILT STAHLY, Cummins, Allison auto, New Leader L3020 G4, monitor, New Leader controller, Starlink GPS 4145 hrs., \$78,000; **2004 Peterbilt**, Cummins, Allison auto, 1800 gal stainless, 80' boom, Raven controller, Raven AutoSteer, Raven section shutoff, 4270 hrs., \$65,000. USD prices. 406-576-3402, 406-466-5356, Choteau, MT. www.fertilizerequipment.net

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

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

GRAIN AUGERS
4113

NEED TO DRY GRAIN? Use New Cross-flow Grain Drying technology for all your grain drying needs. Convert some bins into batch grain dryers. Phone Gatco for details 306-778-3338 or www.gatcomfg.com

GRAIN AUGERS
4113

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

NEVER CLIMB A BIN AGAIN! Full-bin Super Sensor, reliable hardwired with 2 year warranty; Magnetic Camera Package - One man positioning of auger (even at night); Hopper Dropper - Unload your hopper bins without any mess; Wireless Magnetic LED Light - Position your swing auger at night from the comfort of your truck. Safety and convenience are the name of the game. Contact Brownlees Trucking Inc., 306-228-2971, 1-877-228-5598, Unity, SK. www.brownlees.ca

2013 CONVEY-ALL TCSNH1045 HDMK conveyor w/new belt, \$17,000; 2013 R1041 Wheatheart w/38HP mover and clutch, \$9995. Both in excellent condition. 306-648-3622, Gravelbourg, SK.

NEW MERIDIAN AUGERS: TL12-39 with 37 HP EFI Vanguard engine, c/w mover, HD clutch, reversing gearbox and lights. Retail \$24,200, cash price \$19,500. 306-648-3622, Gravelbourg, SK.

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

GRAIN CLEANERS
4121

CUSTOM COLOR SORTING chickpeas to mustard. Cert. organic and conventional. 306-741-3177, Swift Current, SK.

7 SCREEN KWIK-KLEEN with 2 sets of screens; Sukup rotary screen electric factory complete with augers and hopper. Call 306-460-9440, Kindersley, SK.

(2) CARTER DAY 612 graders; Carter Day 412 cleaner, setup for flaxseed w/newer shells. Call Ted Petracek 306-745-3829, Email: psf@sasktel.net Esterhazy, SK.

GRAIN DRYERS
4124

2008 GSI 1226, 3 PH NG/LPG, 10.5 million BTU, batch or continuous, 3640 BPH. Portable, needs nothing, still in operation, \$99,000. 780-206-1234, Barrhead, AB.

GRAIN ELEVATORS
4127

SELLING GRAIN LEGS, distributors, conveyors and truck scales. Also other elevators parts. 403-634-8540, Grassy Lake, AB.

GRAIN ELEVATORS
4127

SELLING GRAIN LEGS, distributors, conveyors and truck scales. Also other elevators parts. 403-634-8540, Grassy Lake, AB.

GRAIN ELEVATORS
4127

SELLING GRAIN LEGS, distributors, conveyors and truck scales. Also other elevators parts. 403-634-8540, Grassy Lake, AB.

GRAIN ELEVATORS
4127

SELLING GRAIN LEGS, distributors, conveyors and truck scales. Also other elevators parts. 403-634-8540, Grassy Lake, AB.

GRAIN ELEVATORS
4127

SELLING GRAIN LEGS, distributors, conveyors and truck scales. Also other elevators parts. 403-634-8540, Grassy Lake, AB.

GRAIN ELEVATORS
4127

SELLING GRAIN LEGS, distributors, conveyors and truck scales. Also other elevators parts. 403-634-8540, Grassy Lake, AB.

GRAIN ELEVATORS
4127

SELLING GRAIN LEGS, distributors, conveyors and truck scales. Also other elevators parts. 403-634-8540, Grassy Lake, AB.

GRAIN ELEVATORS
4127

SELLING GRAIN LEGS, distributors, conveyors and truck scales. Also other elevators parts. 403-634-8540, Grassy Lake, AB.

GRAIN ELEVATORS
4127

SELLING GRAIN LEGS, distributors, conveyors and truck scales. Also other elevators parts. 403-634-8540, Grassy Lake, AB.

GRAIN ELEVATORS
4127

SELLING GRAIN LEGS, distributors, conveyors and truck scales. Also other elevators parts. 403-634-8540, Grassy Lake, AB.

GRAIN ELEVATORS
4127

SELLING GRAIN LEGS, distributors, conveyors and truck scales. Also other elevators parts. 403-634-8540, Grassy Lake, AB.

GRAIN ELEVATORS
4127

SELLING GRAIN LEGS, distributors, conveyors and truck scales. Also other elevators parts. 403-634-8540, Grassy Lake, AB.

GRAIN ELEVATORS
4127

SELLING GRAIN LEGS, distributors, conveyors and truck scales. Also other elevators parts. 403-634-8540, Grassy Lake, AB.

GRAIN ELEVATORS
4127

SELLING GRAIN LEGS, distributors, conveyors and truck scales. Also other elevators parts. 403-634-8540, Grassy Lake, AB.

GRAIN ELEVATORS
4127

SELLING GRAIN LEGS, distributors, conveyors and truck scales. Also other elevators parts. 403-634-8540, Grassy Lake, AB.

GRAIN ELEVATORS
4127

SELLING GRAIN LEGS, distributors, conveyors and truck scales. Also other elevators parts. 403-634-8540, Grassy Lake, AB.

GRAIN ELEVATORS
4127

GRAIN VACUUMS
4133

CONVEYAIR GRAIN VACS, parts, accessories. Call Bill 780-986-5548, Leduc, AB. www.starlinesales.com

We know that farming is enough of a gamble so if you want to sell it fast place your ad in the Alberta Farmer Express classifieds. It's a Sure Thing. Call our toll-free number today. We have friendly staff ready to help. 1-800-665-1362

BALING EQUIPMENT
4139

WANTED: JD 7810 c/w FEL & 3-PTH; SP or PTO bale wagon; JD or IHC end wheel drills. Small square baler. 403-394-4401.

2006 HESSTON 814 round baler, 8970 bales, 1000 PTO, twine and net wrap, hydraulic PU, automatic oiler, \$12,500. 780-349-9734, Westlock, AB.



Manufacturer of the



1-519-887-9910
www.marcrestmfg.com

Farming is enough of a gamble, advertise in the Alberta Farmer Express classified section. It's a sure thing. 1-800-665-1362.

SWATHERS
4143

1998 INTERNATIONAL 8825 HP 25" double swath, 1347 hrs. GPS. 306-483-7322, Frobisher, SK.

SWATHER ACCESSORIES
4148

WANTED: 14' HAY HEADER in good condition Case/IH 8830. Phone 403-749-2435, Delburne, AB.

24' UUI PICKUP REEL with steel fingers, good shape. 306-662-8129, Fox Valley, SK.

COMBINES

CASE/IH
4160

2004 CIH 8010 w/2016 PU, 2899 eng hrs. 2191 thres hrs., 900 metric, long auger, recent \$36,000 w/o, put through shop every year, asking \$97,000. 306-287-7645, Watson, SK.

2007 7010 Case/IH, dual wheels, w/2016 header, \$170,000. Call A.E. Chicoine Farm Equipment, 306-449-2255, Storthoaks, SK.

2000 CASE/IH 2388 w/1015 header, \$65,000; 2004 2388 w/2015 PU header, \$115,000; 2006 2388 w/2015 PU header, \$130,000; 2009 7088 w/2016 PU header, \$180,000. A.E. Chicoine Farm Equipment, 306-449-2255, Storthoaks, SK.

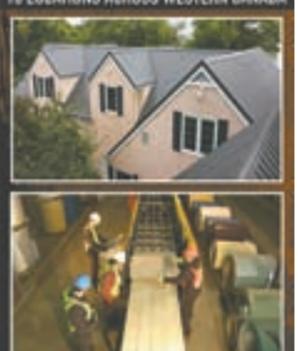
FARM BUILDINGS
4000

ZAK'S AGRICULTURAL BUILDINGS: Stick Frame building designed with longevity in mind. Call 306-225-2288 or go to www.zaksbuilding.com to request a quote.

ZAK'S AGRICULTURAL BUILDINGS: Farm post buildings designed with longevity in mind. Call 306-225-2288 or go to www.zaksbuilding.com to request a quote.

POLE BARNs, WOODSTEEL packages, hog, chicken and dairy barns. Construction and concrete crews available. Mel or Scott, MR Steel Construction, 306-978-0315, Hague, SK.

AFAB INDUSTRIES post frame buildings. For the customer that prefers quality. 1-888-816-AFAB (2322), Rocanville, SK.



BINS
4003

CHIEF WESTLAND AND CARADON BIN extensions, sheets, stiffeners, etc. Now available. Call Bill, 780-986-5548, Leduc, AB. www.starlinesales.com

CATERPILLAR LEXION
4166

CLAAS LEXION 740, 750, 760, and 780 avail., several different options avail., headers avail., and Del. avail., Save \$\$\$, 218-779-1710.

2011 CLAAS LEXION 760, 700 sep. hrs., fully loaded, \$265,000 CAD OBO; 2010 Lexion 590, fully loaded, 500 sep. hrs., \$220,000 CAD OBO. All exc. cond., used only in small grains; 2000 Lexion 480, \$27,000 CAD OBO. Delivery available. Call 218-779-1710.

JOHN DEERE
4178

2008 JD 9870 STS, Greenlighted from 2012-2016, no peas, always shedded, \$65,000+ work orders in last 5 years, Serviced at Agland, Lloydminster. GreenStar ready, 1838 eng./1227 sep. hrs., \$205,000 OBO. Call 780-205-4423, Lashburn, SK.

1998 JD CTS MAXIMIZER II, 2330 sep. hrs., Strawmaster PU, gone through thoroughly ever year, \$38,000. 306-279-7757 ask for Ted, Yellow Creek, SK.

2006 9660 WTS, 914 PU, duals, 2300/1550 hrs. \$132,500. A.E. Chicoine Farm Equipment 306-449-2255, Storthoaks, SK.

SEVERAL LOW HOURS, \$670, \$680, \$690 available options, headers avail., del avail., Save \$\$\$ 218-779-1710.

SEVERAL LOW HOUR JD COMBINES: 9870 STS and 9770 STS. All between 2008-2011 and all between 600-900 sep. hrs. Headers also available. Can arrange delivery. Call 218-779-1710.

COMBINE ACCESSORIES

COMBINE HEADER
4199

2009 MACDON D60 35', upper cross auger, single knife, transport, canola closure kit, header done 7-8000 acres, Case or NH adapter, \$45,000 OBO. Ph. 403-588-9497, Bashaw, AB

RECONDITIONED rigid and flex, most makes and sizes; also header transports. Ed Lorenz, 306-344-4811, Paradise Hill, SK www.straightcutheaders.com

MISC. ACCESSORIES
4209

RECONDITIONED COMBINE HEADERS. RIGID and flex, most makes and sizes; also header transports. Ed Lorenz, 306-344-4811, Paradise Hill, SK. or website: www.straightcutheaders.com

PARTS/ACCESSORIES
4211

PUMPS, PRESSURE WASHERS, Honda/Kohin pumps, 1-1/2" to 4", Landa pressure washers, steam washers, parts washers. M&M Equip. Ltd. Parts & Service, Regina, SK. 306-543-8377, fax 306-543-2111.

SALVAGE
4214

WANTED: USED DIESEL injection pump for International 560, 660 or 556. 403-223-8472, Taber, AB.

TRIPLE B WRECKING, wrecking tractors, combines, cults., drills, swathers, mixmills, etc. We buy equipment. 306-246-4260, 306-441-0655, Richard, SK.

G.S. TRACTOR SALVAGE, JD tractors only. Call 306-497-3535, Blaine Lake, SK.

BINS
4003

NEW AWARD WINNING AERATION GATCO Cross Flow Aeration blows all other aeration systems away! Horizontal air movement with immediate venting means better performance. Save big by using smaller fans yet dry/cool much faster than vertical methods. With natural air or supplemental heat performs in a batch dryer capacity in 10,000 bu. bins and under. Install in any existing or new bins. GATCO is also a BIN-SENSE® Dealer for temperature and moisture monitoring systems. Phone GATCO 306-778-3338. www.gatcomfg.com

LIFETIME LID OPENERS. We are a stocking dealer for Boundary Trail Lifetime Lid Openers, 18" to 39". Rosler Construction 2000 Inc., 306-933-0033, Saskatoon, SK.

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

CUSTOM GRAIN BIN MOVING, all types up to 22' diameter. 10% spring discount. Accurate estimates. Sheldon's Hauling, 306-961-9699, Prince Albert, SK.

CUSTOM BUILT HOPPER BOTTOMS for all bins, large and small. Magnum Fabricating, 306-662-2198, Maple Creek, SK. www.magnumfabricating.com

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

U-WELD HOPPER Cones, sizes from 12 to 24. www.middlelakesteel.com Phone 306-367-4306 or 306-367-2408.

12,000 BU. SUPERIOR COMBO with triple skid. Set-up \$28,940. Middle Lake Steel. 306-367-4306 or 306-367-2408.

BOOK NOW, TAKE DELIVERY, DON'T PAY UNTIL NOVEMBER, 2017. Top quality MERIDIAN bins. Price includes: skid, ladders to ground, manhole, set-up and delivery within set radius. Meridian Hopper Combo SPECIAL: 5000 bu., \$14,400. We manufacture superior quality hoppers and steel floors for all makes and sizes. Know what you are investing in. Call and find out why our product quality and price well exceeds the competition. We also stock replacement lids for all makes & models of bins. Leasing available. Hoffart Services Inc, 306-957-2033, Odessa, SK.

FOR ALL YOUR grain storage, hopper cone and steel floor requirements contact: Kevin's Custom Ag in Nipawin, SK. Toll free: 1-888-304-2837.

SALVAGE
4214

LOEFFELHOLZ TRACTOR AND COMBINE Salvage, Cudworth, SK., 306-256-7107. We sell new, used and remanufactured parts for most farm tractors and combines.

COMB-TRAC SALVAGE. We sell new and used parts for most makes of tractors, combines, balers, mixmills and swathers. 306-997-2209, 1-877-318-2221, Borden, SK. We buy machinery.

SMITH'S TRACTOR WRECKING. Huge inventory new and used tractor parts. 1-888-676-4847.

SNOWBLOWERS/ SNOWFLOWS
4226

70 IHC POINT HITCH snowblower, 84' cut, manual shoot, good condition. \$1400 OBO, Briercrest, SK.

SPRAYING EQUIPMENT

PT SPRAYERS
4238

BRANDT 2500 SPRAYER, 100' c/w 1200 gallon tank, OutBack monitor, good cond. Call 403-580-0155, Medicine Hat, AB.

FLAMAN *Where Farming Starts*

Visit Us 24/7
www.flaman.com



MERIDIAN
Hopper Combo's
Fully assembled combo's
Delivered Assembled (18')
Set up on Farm (21' - 24')

Available in sizes up to 10,498 bushels

MERIDIAN
Multi-Purpose Bins

Most versatile, multi-purpose hopper bins available to store and handle fertilizer, grain, feed and seed.



All welded, smooth-wall construction

CONVEY-ALL
Commercial Seed Tenders

Transports seed in spring to grain in autumn and hauls product to storage or to market any time.



Two, Three, Four or Five Compartment Units

2012 WISHEK
842NT 30' Disc



25" front blades, 27" rear blades, 10 bolt hubs, nice shape, good condition.

2008 DEGELMAN
45' Land Roller



Provides a smooth and level surface for faster, easier harvest operations and better seed-to-soil contact.

2006 LEON
H425 Manure Spreader



Hydraulic push-off technology, quick on-off beater assembly, steel uniframe construction, variable speed control.

2011 BRANDT
7500HD Grain Vac



7500 bu/hr, 40' of hose, 190 hour, good shape.

2012 REM
3700HD Grain Vac



40' suction hose, 10" discharge auger, 175 HP, 10,000 bu/hr.

2013 WISHEK
842NT 30' Disc



28" front disc, 28.5" rear disc, hydraulic level and depth control, truck hubs.

2014 POLYWEST BANDIT
3400 Fertilizer Cart



Transfer pump, 2" pacer capacity, 3400 gal, front tires: 21.5L 16.1 turf, rear tires: 28L 26

2015 RITEWAY
One-Till 32' Vertical Tiller



Pans 22", 22,000lbs, 10-15HP recommended, 12'6" transport height, 30'4" transport length, 12' transport width.

Nisku 1.888.913.4849 / Lethbridge 1.888.913.9227 / Medicine Hat 1.888.436.9599

AIR DRILLS
4250

2010 MORRIS 8370, 3 tank, variable rate, TBT, 440 bu., \$69,900. Cam-Don Motors Ltd., 306-237-4212, Perdue, SK.

2011 MORRIS CONTOUR 51', 10" spacing, side band openers, c/w 2012 7240 3rd tank, \$99,000. Call Cam-Don Motors Ltd., 306-237-4212, Perdue, SK.

2005 FLEXI-COIL 5000 57", 10" spacing, 3850 TBT cart, double shoot, dual fan, \$39,000. Call 306-223-4417, Laird, SK.

2009 BOURGAULT 3310, 75", w/6550 tank, 1 year on new tips and discs, very accurate drill and tank, \$205,000 OBO. Call 306-867-7165, Loreburn, SK.

70' SEEDMASTER, M fold, 12" spacing, lift kit, Smart hitch, c/w 2013 Flexi-Coil 580 auger 10", dual 650's and Valmar 1665 canola box. 306-648-7765 or 306-648-3216, Gravelbourg, SK.

2013 SEEDMASTER 7012 M-fold, dual casters, sec. control w/Viper, 2 on-board 275 bu. tanks, dual 750 tires, UltraPro canola metering, 8 cameras, always shedded. 306-488-4517, Dilke, SK.

WANTED: Dual shock kit for a 64" 5710 air drill. Call 306-277-4503, Gronlid, SK.

2010 65' 3310 BOURGAULT Paralink, 12" spacing, mid row shank banding, double shoot, rear hitch, tandem axles, low acres, \$145,000; 2002 49' Morris Maxim air drill, 12" spacing, w/7240 Morris grain cart, \$52,000. A.E. Chicoine Farm Equipment, 306-449-2255, Storthoaks, SK.

1997 CONCORD 4812, DS dry with NH3, Dutch openers, 2000 JD 1900 seed cart, 270 bu, \$25,000. 306-452-3233, Antler, SK.

2015 BOURGAULT 3320 XTC, 76", side band, 10", 6550 cart, Drill \$140,000; Cart \$115,000. 306-563-8482, Yorkton, SK.

2010 SEEDMASTER 70-12 w/JD 1910 430 bu. duals, conveyor, \$129,000 OBO. Delivery available 306-563-8482, Moose Jaw SK.

800 FLEXI-COIL 33', DS, with 1720 tank, (last 800 made), 12" spacing, 550 lbs shanks, Poirier seed boots, low acres, tank shedded until this year. 306-745-7505 or 306-877-2014, Dubuc, SK.

AIR SEEDERS
4253

MORRIS CONCEPT 2000 34' air seeder, c/w 10" spacing 1720 Flexi-Coil grain tank, 403-580-0155, Medicine Hat, AB.

2010 NH ST830 56', 12" spacing, 550 lb. trips, air package, Technotill seed system, excellent, \$67,500 OBO. 306-441-4003, North Battleford, SK.

1996 BOURGAULT 40' 8800/3195, harrows and packers, \$16,000. Call 306-563-8482, Rama, SK.

2011 BOURGAULT 6700 air cart X20, 4tm, bag lift, \$135,000 OBO. Weyburn, SK. 306-563-8482.

HARROWS/PACKERS
4256



WINTER DISCOUNTS on new and used rollers, all sizes. Leasing and delivery available. 403-580-6889, Bow Island, AB.

DEGELMAN 7000 50' heavy harrow, w/2055 Valmar applicator, good cond., \$32,000. 780-872-3262, Lashburn, SK.

2016 DEMO 80' DEGELMAN land roller, Odessa Rockpicker Sales. 306-957-4403, Odessa, SK.

SEEDING VARIOUS
4259

2009 JD 1790 CCS planter, 16/31 row, 30" or 15" row spacing, drawbar hitch, Yetter floating row cleaners, Ridgeland mid cleaning gauge wheels, Keaton seed firmers, In-furrow liquid fertilizer, Precision planting 20/20 monitor, E-sets, air force Auto-down force control, Corn, soybean and canola seed meters w/loading conveyor, \$130,000. 306-697-7203, Grenfell, SK.

TILLAGE EQUIPMENT
4262

COMPACTED SUBSOIL ISSUES? Avoid "band-aid" solutions. Since 1984. Call Rick 403-350-6088, anytime.

KELLO-BILT 8' to 20' offset discs w/24" to 36" notched blades; Kello-Bilt 24" to 38" tandem wing discs w/26" and 28" notched blades and oilbath bearings. Red Deer, AB. www.kelloughs.com Call: 1-888-500-2646.

KELLO-BILT STW225 DISC, as new; Morris 641 cultivator with 4-bar harrows. Call 403-784-3517, Lacombe, AB.

JD 2625 WIDE FOLD disc, 30"8" wide, disc blade size 26"x .250, hyd. wing control, wing stabilizer wheels, rolling basket harrows, \$59,000. 403-633-0573, Brooks, AB.



2016 VERSATILE SD550 Ezee-On 15' offset disc, 550 lbs./ft., HD bearing pkg., 26"x3/8" notched. Lease or finance OAC. Cam-Don Motors 306-237-4212, Perdue SK.

1992 37' CASE/IH 5600 HD cultivator, w/Degelman mounted 4-row harrows, \$25,000. A.E. Chicoine Farm Equipment, 306-449-2255, Storthoaks, SK.

TRACTORS

ALLIS/DEUTZ
4277

WANTED: 4W305; 4W220; 220 and D21. 8070, 8050 or 8030 MFWD. 701-240-5737, Minot, ND.

CASE/IH
4286

1983 IHC 6788, 5200 hrs., new rubber, good cond. 403-784-3517, Lacombe, AB.

1985 IHC 5488, 187 HP 7590 hrs., like new radials and duals, front weights, triple hyds., 1000 PTO, asking \$17,500. Call 780-349-9734, Westlock, AB.

CASE/IH
4286

2008 CIH 535 Quadtrac, 6 hyds., GPS, 30" track, 3475 hrs., 700 monitor nice cond., \$225,000. 780-853-7205, Vermilion, AB.

CASE/IH 9150, powershift, new tires 2 yrs. ago, 8250 hrs., return line, no PTO, \$45,000 OBO. 780-608-9024, Tofield, AB.

LIZARD CREEK REPAIR and Tractor. We buy 90 and 94 Series Case, 2 WD, FWA tractors for parts and rebuilding. Also have rebuilt tractors and parts for sale. 306-784-7841, Herbert, SK.

2013 140A FARMALL Case/IH w/loader, 1800 hrs., \$82,000. A.E. Chicoine Farm Equipment, 306-449-2255, Storthoaks, SK.

1998 8910 MAGNUM TRACTOR, FWA, 540 1000 PTO, one owner, 5345 hrs. 306-268-4280, Bengough, SK.

JOHN DEERE
4295



2012 9510R, 960 hrs., PS, 17' 6-Way blade, premium cab, 9030 lbs. cast, no PTO, ext. warranty, too many extras to list, \$350,000. 780-808-3141, Lloydminster, AB.

2001 JD 7810, FWD, Power Quad, LHR w/E-range, 3PTH, 3500 hrs.; 7410, FWD, 741 loader and grapple, 3PTH, 5500 hrs. 780-674-5516, 780-305-7152, Barrhead AB.

2003 9400, full powershift, 10,300 hrs., 710-70R42, wired for OutBack GPS, exc. \$79,000; JD 4640, FWA 7800 hrs., FEL, \$29,000. 403-654-0430, Vauxhall, AB.

2013 JOHN DEERE 6140D, FWA, 630 hrs, cab, loader, 3PTH, \$82,500. Call 780-877-2513, Ferintosh, AB.

JOHN DEERE 6300 FWA, cab, 3PTH, 640 loader, \$36,000. Phone 780-877-2513, Ferintosh, AB.

1996 JOHN DEERE 8570, 4450 hrs., 24 spd., PTO, very good condition, asking \$71,000. 306-421-0679, Estevan, SK.

JD 4630, loader, cab; Case 2870, 4x4, Degelman dozer; Cockshutt 550 gas; 1991 GMC 17' B&H. 306-238-4411, Goodsoil, SK.

1998 JD 9300 4WD, 4 hyds., GreenStar ready, always shedded, 4370 hrs., 20.8/42duals, \$99,000. 306-753-7575.

2002 JD 9520 with PTO, powershift, 800 metrics, Greenlighted, 6700 hrs., \$139,000. 306-948-7223, Biggar, SK.

RETIRING: 1980 JD 4640 tractor, recent drop-in 50 Series eng. and trans. service. Call 306-638-4550, Findlater, SK.

JOHN DEERE 4755 2WD, very good shape, differential lock. 306-576-2171, or 360-560-7679, Wishart, SK.

MASSEY FERGUSON
4301

MF88 DIESEL TRACTOR w/FEL, good rubber, \$3000. 306-395-2668, 306-681-7610, Chaplin, SK.

1983 MF 2805, 20.4x38 duals (good), good V8 motor, needs hyd. pump on RH exterior \$4000 OBO. 306-735-2936, Whitewood, SK.

VERSATILE
4310

VERSATILE 700 with Leon 12' angle blade, big singles, approx. 6200 hrs., extra heater in cab for winter use, \$9750; Vers. 825, 18.4x38 duals, approx. 8200 hrs., good running cond., \$11,750. 403-597-2006, Sylvan Lake, AB.

VERSATILE 895, 9000 hrs., exc. shape, \$19,500; JD 4640, FWA 7800 hrs., FEL, \$29,000. 403-654-0430, Vauxhall, AB.

2375 VERSATILE, 310 hrs., warranty until Nov, 2017, private sale. 306-441-6160, or 306-398-4025, Baldwinton, SK.

VERSATILE 375, 400, 435, 550 used; 450, 500 and 550DT new. Call KMK Sales Ltd. 306-682-0738, Humboldt, SK.

1984 VERSATILE 975, w/855 Cummins, new paint, new interior, new pins and bushings, 8000 hrs., very nice, hard to find! \$34,500 CDN OBO. Delivery available. Call 218-779-1710.

VARIOUS TRACTORS
4319

GRATTON COULEE AGRI PARTS LTD. Your #1 place to purchase late model combine and tractor parts. Used, new and rebuilt. www.gcparts.com Toll free 888-327-6767.

1979 2180 WHITE, 3097 hrs.; 1998 JD 3000 FWD, 4082 hrs., new rubber. 306-483-7322, Frobisher, SK.

Go public with an ad in the Alberta Farmer Express classifieds. Phone 1-800-665-1362.

Big Tractor Parts, Inc.
Geared For The Future

STEIGER TRACTOR SPECIALIST
RED OR GREEN

1. 10-30% savings on new replacement parts for your Steiger drive train.
2. We rebuild axles, transmissions and dropboxes with ONE YEAR WARRANTY.
3. 50% savings on used parts.

1-800-982-1769
www.bigtractorparts.com

LOADERS/DOZERS
4322

LANDMASTER DOZERS: YEAR END BLOWOUT PRICING, Professionally Engineered & Manufactured, 1 PD14 remaining, 1 PD18 remaining. For details & pricing - Neil 306-231-8300. landmaster.ca

DEGELMAN DOZER BLADE, 14', 6-way blade, mounted on Case STX 325, \$22,000 OBO. Call 306-421-0679, Estevan, SK.

68" BOBCAT snowblower and 68" snow bucket. Call 306-460-9440, Kindersley, SK.

16' DEGELMAN 4-way dozer blade, Q/A, complete with hoses, will fit Case 375-435 Call 306-460-9440, Kindersley, SK.

FRONT END LOADER, has it's own oil reservoir, pump and controls, newer bucket. \$600 OBO. 306-799-4628, Briercrest, SK.

MISCELLANEOUS
4325

CORRAL CLEANING EQUIPMENT: 3 Tri-Drive Western Star spreader trucks (2 - 2006, 1 - 2016); 2000 Western Star w/40' spreader trailer and silage racks; 2012 JD 644K wheel loader w/skidder and scale; 2012 Hitachi 250-5 excavator w/thumb; 2005 Ford F550 crew cab service truck. High River, AB. Call or e-mail for more information - 403-652-0437, ken@ksc.ca

2006 FLEXI-COIL 5000 HD 51', 10" spacing, 5" rubber packers, single shoot, \$26,000; 2001 Bourgault 5440 dual fan, air seeder hopper, \$30,500. 403-665-2341, Craigmyle, AB.

ACREAGE EQUIPMENT: 3-PT. CULTIVATORS, Discs, Plows, Blades, Etc. 780-892-3092, Wabamun, AB.

JD 7720 COMBINE, Turbo, 2900 hrs., nice shape, \$8900; Westfield 10x51 hydraulic auger, exc. cond., \$8400; Bruns gravity grain wagon, 400 bu. capacity, c/w roll up tarp and hyd. fill auger, \$8600; Degelman 560 hyd. rock picker, no PTO required, good shape, \$8900; Westfield 8x41 PTO grain auger, \$1800; Trailtech triple axle 24' trailer, bumper hitch c/w ramps and fenders, used only once, \$9000. Call Doug, 780-920-3004, Edmonton, AB. area.

CASE/IH 2870 4 WD, Degelman blade, \$17,000; 1999 NH LS170 Bobcat, \$13,000; Vac tank, 1800 gal. and pump \$8000; IHC Model 252 forklift, gas, \$5000. 306-238-4411, Goodsoil, SK.

RICHARDSON GRADER, good condition, \$2100. Willing to trade on a small 2WD tractor (Case or JD). Call 306-460-9027, 306-463-3480, Flaxcombe, SK.

RETIRED: 2011 Versatile 375, 1900 hrs., std. trans., AutoSteer, \$150,000; 2009 Vers. 2160 FWA, 1850 hrs. with 10' Degelman blade, hyd. angle, \$90,000; 2007 Bourgault Series II 47' air drill w/6350 tank, dual fans, \$85,000; 2011 Salford 30' RTS, \$60,000; 2010 CIH 160 sprayer 83', 1600 gal., Auto shut-off, sec. control, \$14,000; Sakundiak 65'x10", PTO, power swing away, \$7000; Various other augers and farm machinery. Call 306-222-7101, Meacham, SK.

EQUIPMENT FOR SALE: 2011 CIH 500HD tractor, \$300,000; 2013 70' SeedMaster air drill, slim fold w/2012 Bourgault 6550 air tank, \$270,000; 1970 Chev grain truck 600 bu. box, 6 spd. auto (great yard truck), \$20,000; 2014 Wilson trailer, less than 3000 kms, \$58,000; 2000 Trailtech sprayer trailer with tanks, chem handers and product pumps, \$20,000; 1999 RoGator high clearance sprayer with AutoSteer, \$81,000; 2003 JD 9650 combine w/GPS and Contour-Master feeder house, \$85,000; 2010 JD 635 flex header w/air reel and transport, \$37,500; 2002 Honeybee 36' header w/Headlight kit, \$25,000; 2011 Schulte 8000 rockpicker, high dump, \$20,000; 2009 Farm King 1385 auger w/hyd. swing, mechanical drive, \$12,000; 1993 Farm King 1070 auger w/hyd. swing, mechanical drive, \$4000; Wheathear 8x45' auger, \$2500; Bin sweep, \$500. Call Ron at 306-648-5394, Ferland, SK.

FLAX STRAW BUNCHER and land levelers. Building now! Place orders now and don't delay! 306-957-4279, Odessa, SK.

ODESSA ROCKPICKER SALES: New Drawlman equipment, land rollers, Stewmaster, rockpickers, protil, dozer blades. 306-957-4403, 306-536-5097, Odessa, SK.

CHECK OUT OUR inventory of quality used highway tractors. For more details call 204-685-2222 or view information at www.titantrucksales.com

RON SAUER MACHINERY LTD.
(403) 540-7691
ronsauer@shaw.ca

NH 1060 tbt air cart, Dual 20.8 x 38 tires, No monitor, used 1 season, as new	\$79,500
25' Hesston PT Swather	\$3,000
25' 725 CIH (MacDon) PT Swather	\$3,000
40' Morris 3100 Hoe Drills, mower and hitch	\$10,000
946 Versatile Ford Tractor, 5,000 hrs, 24.5 x 32 D	\$50,000
560 Hesston Round Baler, 1,000 PTO	\$5,500
660 NH Round Baler, 540 pto, nice shape	\$5,500
60' 582 Flexicoil Harrow Draw Bar, Nice shape	\$5,250
44' 820 F.C. Deep Till Air Seeder, harrows	CALL
2320 F.C. TBH Air Tank, complete with 320 - 3rd tank	CALL
40' 340 F.C. Chisel Plow & 75 Packer Bar, P30's	\$27,500
41' Flexicoil 300 B Chisel Plow, 3 bar harrows	\$12,500
100' 65XL Flexicoil Sprayer, complete with windguards, elec. end nozzles single tips, auto rate, excellent condition	\$12,500
29' 225 DOW Kello-Bilt Tandem Disc, 28" smooth front & rear blades, 10.5" spacing, oil, bath bearings, as new	\$60,000
47' 820 Flexicoil Chisel Plow, 4 bar harrow, low mileage	\$67,500
2009 GMC Topkick 20 ft. Grain Truck, automatic, silage gate, air ride suspension, approx. 7,000 kms	\$105,000
New E-Kay 7", 8", 9" Bin Sweeps available	CALL
8-46' Meridian Grain Auger 27 HP Kohler, E-Kay mover, belt tightmer, power steering, lights, no spill hopper, as new	\$12,800
13" X 95' FarmKing Hydraulic Swing Auger, reverser, low profile hopper, spout, full bin alarm, 1 season.	CALL
10"-50' Sakundiak Hydraulic Swing Auger	\$1,750
3 E-Kay Bin Sweep Extensions	CALL
8" Wheat Heart Transfer Auger	\$1,250
New Outback MAX & STX Guidance & mapping	In Stock
New Outback E-Drive, TC	In Stock
New Outback E-Drive X, c/w free E turns	In Stock
New Outback S-Lite guidance	\$1,250
New Outback VSI Steering Wheel Kits	In Stock
Used Outback E-Drive Hyd. kits	\$500

Outback GPS Systems, E-Kay Custom Augers, Movers, Clutches, Bin Sweeps & Crop Dividers, Kohler, Robin Subaru & Generac Engines, Headlight Harvesting Solutions, Greentronics Sprayer Auto Boom Height, Kello-Bilt Discs

MISCELLANEOUS
4325

END GREASING FRUSTRATION

Grease goes IN, NOT ON, the machine!

ORDER ONLINE

(603) 795-2298

Order Online www.locknlube.com

WANTED
4328

LOOKING FOR ORIGINAL PARTS for a B414 IH diesel tractor, (grill and lights), in good shape. Call 780-848-2854 after 6PM.

WANTED: USED, BURNT, old or ugly tractors. Newer models too! Smith's Tractor Wrecking, 1-888-676-4847.

WANTED

MF #36 DISCERS. Will pay top dollar and pick from anywhere. Phone Mike 306-723-4875, Cupar, SK.

WANTED: NH BALE WAGONS & retrievers, any condition. Farm Equipment Finding Service, P.O. Box 1363, Polson, MT 59860. 406-883-2118.

FENCING
4400

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

GUARANTEED PRESSURE TREATED fence posts, lumber slabs and rails. Call Lehner Wood Preservers Ltd., ask for Ron 306-763-4232, Prince Albert, SK.



16' PEELED RAILS, 2-3" \$7.50 ea., 125 per bundle; 3-4" \$9.25 ea., 100 per bundle; 4-5" \$11 each, 75 per bundle. Vermette Wood Preservers, 1-800-667-0094, Spruce Home, SK info@vwpltd.com

SOLIDLOCK AND TREE ISLAND game wire and all accessories for installation. Heights from 26" to 120". Ideal for elk, deer, bison, sheep, swine, cattle, etc. Tom Jensen ph/fax: 306-426-2305, Smeaton, SK.

FIREWOOD
4425

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.

SEASONED SPRUCE SLAB firewood, one cord bundles, \$99, half cord bundles, \$65. Volume discounts. Call V&R Sawing, 306-232-5488, Rosthern, SK.



BLOCKED AND SEASONED FIREWOOD: \$180 per 160 ft. cord; bags \$80 (includes refundable deposit for bag). Bundles of 4'-5' or 6.5' also available. Vermette Wood Preservers 1-800-667-0094, Spruce Home.

SEASONED JACK PINE firewood: Available in bulk bags or 4' lengths, split. Also green or dry in log lengths. Can deliver. 306-277-4660, 306-921-6939, Ridgedale

MISCELLANEOUS
4325

MISCELLANEOUS
4325



FISH/FISH FARMING
4500

NOW Available

BEV'S FISH & SEAFOOD LTD., buy direct, fresh fish: Pickerel, Northern Pike, Whitefish and Lake Trout. Seafood also available. Phone toll free 1-877-434-7477, 306-763-8277, Prince Albert, SK.

GPS



BLACK ANGUS
5010

DOUBLE 'F' CATTLE CO. 8th Annual Bull Sale, March 30th, 2:00 PM at Heartland Livestock, Prince Albert, SK. Selling 50 rugged Black Angus bulls and an elite group of replacement heifers. Kelly Feige 306-747-2376, 306-747-7498. Catalogue online after Mar 1. www.doublefcattle.com

RED ANGUS
5015

35 PUREBRED RED ANGUS bred cows and heifers. Papered. Oldest cow is 2004. Good mothers with good udders. Quiet. To start calving Feb. 15th, asking \$3200/cow. Call 780-646-6353, St. Paul, AB.

HOWE RED ANGUS & Whitecap/Rosso Charolais Bull Sale. April 5th, 2017, 1:00PM, 8 miles South of Moose Jaw on #2 Hwy, 1.5 miles East on Baildon grid. Selling 35 Red Angus plus 47 two year old Charolais and 25 yearling Charolais. Contact Darwin 306-690-8916, Kelly 306-693-2163 or Mike 306-631-8779.

REG. RED ANGUS bulls born Feb./Mar. 2016, calving ease, good growth. Little de Ranch, 306-845-2406, Turtleford, SK.

COMING 3 YR. old Red Angus herd sire, used on PB herd. Call Little de Ranch, 306-845-2406, Turtleford, SK.

RED ANGUS YEARLING and 2 year old bulls on moderate growing ration, performance info. available. Adrian or Brian and Elaine Edwards, Valleyhills Angus, Glaslyn, SK. call 306-441-0946, 306-342-4407. www.valleyhillsangus.com

BRED HEIFERS due to calve in April, bred to easy calving Angus bulls, preg checked. 306-287-3900, 306-287-8006, Englefeld, SK. www.skinnerfarms.ca

RED ANGUS BULLS, two year olds, semen tested, guaranteed breeders. Delivery available. 306-287-3900, 306-287-8006, Englefeld, SK. www.skinnerfarms.ca

20 RED ANGUS 2 yr old bulls. Calving ease and maternal lines. Board and delivery avail. Rob Garner 306-946-7946, Simpson

ARM RIVER RED ANGUS has on offer yearling and 2 year old bulls sired by Red Cockburn Patriot 12R, Red Golden Eagle Yosemite 6A, NRR Datineline 109Y (Black Red gene carrier) Red 6 Mile Summit 467Z and grandsons of Canadian World Angus Forum Reserve Champion "Red Lazy MC Smash 41 N." Arm River Red Angus bulls are selected from cows that calve unassisted. They are born easy with a will to live, the genetics to grow and the quality to sell. Select your next herd sire from central Sask Red Angus bull supplier in our 31st year. 306-567-4702, Davidson, SK

KENRAY RANCH RED ANGUS BULLS: 40 responsibly developed, fully guaranteed yearling bulls available. 30+ years in business. Open house March 25th. On-line sale April 5th - 6th. www.DVAuctions.com For more info. contact Sheldon 306-452-7545 or Ray 306-452-7447, Redvers, SK. E-mail: www.kenrayranch.com

VIDEOS: WWW.DKFANGUS.CA Select now. Get later. Great selection. Superior quality. **DKF Red And Black Angus** bulls at DKF Ranch, anytime. Gladmar, SK. Scott Fettes 306-815-7023, Dwayne 306-969-4506.

SOUTH VIEW RANCH Red and Black Angus Bull Sale, Thursday April 13th. Offering 90+ Red and Black Angus yearling bulls. Performance data, semen tested. Phone Shane 306-869-8074 or Keith 306-454-2730, Ceylon, SK.

SOUTH VIEW RANCH has Red and Black Angus 2 year old bulls. Ceylon, SK. Call Shane 306-869-8074, Keith 306-454-2730.

REGISTERED RED ANGUS BULLS
Quiet, easy calving, low to moderate birth weights, good growth, E.P.D.'s available, guaranteed breeders (vet checked & semen tested). From 10 Herd Sires. Selling quality bulls for heifers & cows since 1992.

Cleavelly Cattle Company
780-689-2754

CHAROLAIS
5055

REG. CHAROLAIS YEARLING and 2 yr. old bulls, reds, whites. Yearling heifer calves. Richard Smith 780-846-2643, Kitscoty, AB.

CHAROLAIS BULLS, YEARLING and 2 year olds. Contact LVV Ranch, 780-582-2254, Forestburg, AB.

YEARLING & 2 YEAR old Charolais bulls, Creedenae Charolais Ranch, Ervin Zayak, 780-741-3868, 780-853-0708, Derwent, AB.

NEILSON CATTLE COMPANY Charolais Bull Sale, Friday March 10, 1:00 PM at the Ranch, Hwy #47 south of Willowbrook, SK. Offering 30 coming 2 yr. old Charolais bulls. All semen tested and vet inspected. For catalogue or more information contact Mike 306-783-0331 or T Bar C Cattle Co. 306-220-5006. Watch and bid on-line at: www.dlms.ca To view catalogue on-line visit us at: www.buyagro.com PL#116061

WHITECAP/ROSSO CHAROLAIS and Howe Red Angus Bull Sale. April 5th, 2017, 1:00PM, 8 miles South of Moose Jaw, on #2 Hwy, 1.5 miles East on Baildon grid. Selling 47 two year old Charolais and 25 yearling Charolais, plus 35 Red Angus. Contact Darwin 306-690-8916, Kelly 306-693-2163 or Mike 306-631-8779.

ELDER CHAROLAIS 7th Annual Bull Sale. Thursday, March 23rd, 1:30 PM, at the farm, Coronach, SK. 40 yearling bulls most are polled, some red factor. Top quality bulls that will calve and then give you the performance you want. Ron 306-267-4986 or Mike 306-267-7730. View catalogue and videos at: www.eldercharolais.com

DIAMOND W 15TH Annual Bull Sale, Tuesday, March 21st, 1:30 PM DST, Valley Livestock, Minitonas, MB. Offering 47 Charolais yearling and 2 year olds, many polled, some red factor, 21 Red and Black Angus 2 year old and yearlings. Sound, semen tested with delivery available. For catalogues and info. contact Orland or Ivan Walker 306-865-3953. Sale broadcast live on www.dlms.ca. Catalogue online at: www.bylivestock.com

COMING 2 YR. old polled PB Charolais bulls, come red factor. Call Kings Polled Charolais, 306-435-7116, Rocanville, SK.

CHAROLAIS
5055

POLLED PB YEARLING CHAROLAIS bulls, performance and semen tested. Will keep until April, \$3000-\$4000. Charrow Charolais, Bill 306-387-8011, 780-872-1966, Marshall, SK.

CREEK'S EDGE PUREBRED Charolais bulls for sale off the farm. 60 yearlings and 6 two year olds. We welcome you to our bull pen anytime. Also selling purebred Charolais replacement heifers. Please phone Stephen 306-279-2033 or 306-279-7709, Yellow Creek, SK. View all our bulls online www.creeksedgecharolais.ca

HORSESHOE E CHAROLAIS 19th Annual Bull Sale, Saturday March 11th, 2:00 PM, Johnstone Auction Mart, Moose Jaw, SK. On offer 70 bulls, yearlings and 2 yr. olds. All bulls semen tested. Delivery available. Layne and Paula Evans at 306-252-2246, Kenaston, SK. Bid online with DLMS. View catalogue: www.horseshoecharolais.com

GOOD QUALITY YEARLING and 2 year old Charolais bulls. Mostly AI sired. Semen tested. Some Red Factors. Will feed until breeding time. Contact Bar H Charolais, Grenfell, SK. Kevin Haylock, 306-697-2901 or 306-697-2988.

REGISTERED CHAROLAIS BULLS, 2 year olds and yearlings. Polled, horned, some red. Quiet hand fed, hairy bulls. 40+ head available. Will at Cougar Hill Ranch 306-728-2800, 306-730-8722, Melville, SK

GELBIEH
5025

DAVIDSON GELBIEH & LONESOME DOVE RANCH, 28th Annual Bull Sale, Saturday, March 4, 2017, 1:00 PM at their bull yards, Ponteix, SK. Complimentary lunch at 11:00 AM. Pre-sale viewing and hospitality. Friday, March 3rd. Selling 100+ PB yearling bulls, Red or Black. Performance and semen tested. Contact Vernon and Eileen 306-625-3755, Ross and Tara 306-625-3513, Ponteix, SK. View catalog and video on our websites: www.lonesomedoveranch.ca or www.davidsongelbieh.com

GELBIEH BULLS. Reg. 2 yr old and yearling polled bulls from our 38 year breeding program. Reds and blacks. 780-672-9950, Camrose, AB. Email: gwinder@syban.net

TWIN BRIDGE FARMS 6th Gelbivieh Bull Sale, Monday, March 13, 2017, 1:00 PM at the Silver Sage Community Corral, Brooks, AB. Selling 45 yearling Gelbivieh Bull. Red and black genetics on offer. Guest Consignor Keriness Cattle Co. For info. contact: Ron and Carol Birch and Family, 403-792-2123 or 403-485-5518 or Don Savage Auctions 403-948-3520. Catalogue at www.donsavageauctions.com Sale will be broadcast on Live Auctions.tv

GELBIEH STOCK EXCHANGE BULL SALE, March 7, 2017 at 1:00 PM, at the Medicine Hat Feeding Co., Medicine Hat, AB. On offer: Red and Black Purebred yearling bulls. For more information or for a catalogue call Don at Jen-Ty Gelbviehs, 403-378-4898 or cell 403-793-4549. View on-line: jentygelbviehs.com

17TH ANNUAL SASKATOON Gelbivieh Bull and Female Sale, Saturday, March 18, 2017, Saskatoon Livestock Sales. Pre-sale viewing and customer appreciation Friday, March 17, 2017. Gelbvieh bulls add pounds at weaning, feed efficiency, and superior maternal strength. Selling 40 stout polled red and black yearling PB and balancer Gelbvieh bulls and select females. Sale can be viewed online via DLMS. For more info. and catalogue: Darcy 306-865-2929 or 306-865-7859, or Darrell 780-581-0077, www.gelbviehworld.com or sales consultant Kirk Hurlburt 306-222-8210. www.stonegatefarms.ca

2nd ANNUAL FLADELAND LIVESTOCK Bull Sale, Wednesday March 15, 2017, 1:30PM at Johnstone Auction Mart, Moose Jaw, SK. Selling 34 Red and Black yearling Gelbvieh bulls. Call Del 306-869-8123 or Clint 306-861-5654. View catalogue and videos at: www.fladelandlivestock.com

POLLED YEARLING and 2 year old bulls, quiet, good haired. Call Selin's Gelviesh 306-793-4568, Stockholm, SK.

ANL POLLED HEREFORDS ANNUAL Bull Sale with guest Brooks Farms, Sunday March 19th, 2:00PM at the farm in Steelman, SK. Selling 25 yearling and 2 yr. old bulls and a select group of open Baldie heifers. Wintering and delivery available. For more information or a catalogue contact Karl at 306-487-2670, Jeremy at 306-485-8003 or T Bar C Cattle Co. 306-220-5006. View catalogue on-line at: www.buyagro.com PL#116061.

RANCH READY HORNED Hereford Bull Sale, March 10th, 1:00 PM at the ranch, Simmie, SK. 15 two year old bulls, 30 yearling bulls, 6 purebred open heifers, 20 commercial open heifers. View catalogue and sale videos: www.braunranch.com Contact Craig Braun at 306-297-2132.

EXCELLENT SELECTION of 2 year old bulls. Fed for service not for show; 2 herd sires. Polled herefords since 1950. Erwin Lehmann 306-232-4712, Rosthern, SK.

15 HEREFORD COWS, bulls were out June 3rd. Phone 306-743-2400. Gerald, SK.



HEREFORD
5090

SQUARE D HEREFORDS: Herd bull prospects, 2 yr. old, fall born yearlings and spring yearling bulls. Quiet, performance tested. Delivery can be arranged. Hereford females bred Hereford, registration papers available. Jim Duke 306-538-4556, 306-736-7921. Langbank, SK. email: square.d@sasktel.net view our website: square-dpolledherefords.com

HOLMES POLLED HEREFORDS have a large selection of yearling bulls. Some bred for top performance, some bred more for calving ease. Buying bulls off the farm so you can see their Dams makes good sense. Call Jay Holmes, 306-524-2762, 306-746-7170, Semans, SK.

HIGHLAND
5100

FRESH AND SPRINGING heifers for sale. Cows and quota needed. We buy all classes of slaughter cattle-beef and dairy. R&F Livestock Inc. Bryce Fisher, Warman, SK. Phone 306-239-2298, cell 306-221-2620.

LIMOUSIN
5115

STOUT YEARLING and 2 yr. old Limousin bulls, polled, horned, red, black. Quiet bulls w/great performance. Short Grass Limousin, 306-773-7196, Swift Current SK

CIRCLE T LIMOUSIN purebred Red and Black performance tested bulls. Guaranteed, semen tested, by trade leading sires. 306-634-8536, 306-634-4621, Estevan, SK

BAR 3R LIMOUSIN 22nd Annual Bull Sale, Thursday, March 16, 2016, 1:00 PM (MST) at the Crossroads Center, Oyen, AB. Selling 40 Red Black polled yearlings and 2 year olds. Sight unseen purchasing available. Boarding available Free delivery. View catalogue at: www.bohrson.com For info. contact Kevin Rea, 306-463-7950 or Ken Rea, 306-463-7454, Marengo, SK.

POLLED RED AND Black Limousin 2 year old bulls. Board and delivery available. Rob Garner, Simpson, SK., 306-946-7946.

GOOD SELECTION of stout red and black Limousin bulls with good dispositions, calving ease. Quality-T Limousin, Rose Valley, SK. 306-322-7563 or 306-322-7554.

SPRINGER LIMOUSIN has very quiet 2 yr old and yearling Purebred Limousin bulls. Red or Black. Call Merv at 306-272-4817 or 306-272-0144, Foam Lake, SK.

LOWLINE
5118

BIG ISLAND LOWLINES Premier Breeder. Selling custom designed packages. Name your price and we will put a package together for you. Fullblood/percentage Lowline, embryos, semen. Black/Red carrier. Darrell 780-486-7553, Edmonton, AB.

MAINE-ANJOU
5125

2 YR. OLD AND YEARLING BULLS, calving ease and performance. Vet inspected. Guaranteed. Will feed and deliver. Melfort, SK. 306-921-7175, 306-752-3808, mspratt@sasktel.net donarofarms.com

RED POLL
5125

RED POLL BULLS. Registered yearlings; two yr olds; easy calving, naturally polled calves. 780-892-3447, Wabamun, AB.

SALERS
5183

THICK BUTT BULLS excellent disposition, polled. DynaRich Salers. Call 403-746-2919. Eckville, AB.

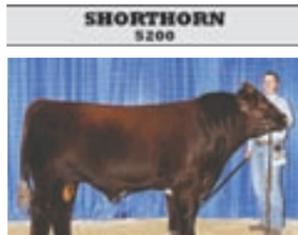
NEW TREND SALERS BULL SALE, Thursday March 16th, 2:00PM, Cow Palace, Olds, AB. Offering 45 yearling Red and Black polled Saler bulls. For catalogues or more information contact Pete at 403-650-8362, Wayne at 403-876-2241, Gerry at 403-936-5393 or T Bar C Cattle Co. 306-220-5006. View catalogue on-line at: www.buyagro.com PL#116061.

PB REGISTERED Red or Black yearling bulls and replacement heifers. Elderberry Farm Salers, Parkside, SK., 306-747-3302.

SHORTHORN
5200

2ND COWMAN'S ADVANTAGE Shorthorn Bull and Female Sale, Saturday, April 1, 2017 at Innisfail Auction Mart, Innisfail, AB. Selling 45 two yr old and yearling bulls and groups of open commercial heifers. Call Don Savage Auctions 403-948-3520. Catalogue at www.donsavageauctions.com Broadcast online at www.dlms.ca

10TH SUN COUNTRY SHORTHORN SALE, 1 PM, March 7, 2017 at Johnstone Auction Mart, Moose Jaw, SK. On offer will be 38 polled Shorthorn yearling and two year old bulls and 25 open replacement heifers. They have been selected for soundness, fleshing ability and performance. Sale will be broadcast live at: www.dvauction.com Check out our websites for more info. Contact any of the owners to get on catalog mailing list: Horseshoe Creek Farms Ltd., Weyburn, SK. call 306-456-2500 or view website at: www.horseshoecreekfarms.com Anwender Cattle Co., Radville, SK., 306-442-2090, www.anwendercattlecompany.com Call Rocking L Cattle Company, 306-739-2598, Wawota, SK. www.rockingcattleco.com



SHORTHORN
5200

2nd ANNUAL ON THE FARM Bid Off Bull Sale. Bidding starts Friday March 24, 1:00 PM CST. Closes Saturday, March 25, 2:00 CST, 2017, Neudorf, SK. 40 yearling and 2 yr old bulls. Details & updates available on our websites: www.bendershorthorns.com www.startfarms.com Call Glen and Ryan Bender, Neudorf, SK. 306-728-8613 and 306-748-2876 or Raylen 306-231-3933.

SIMMENTAL
5205

13th ANNUAL Wheatland Cattle Co. Bull Sale. Thursday, March 23rd, 2:00PM at the farm, Bienfait, SK. Offering Black & Red Simmental, SimmAngus and Angus bulls. As well as commercial heifers. For more information or a catalogue contact Vernon at 306-634-7765 or T Bar C Cattle Co. 306-220-5006. View the catalogue online at: www.buyagro.com PL#116061.

SOUTH SASK SIMMENTAL & ANGUS Annual Bull Sale, Monday March 13th, 1:00PM, Johnstone Auction Mart, Moose Jaw, SK. Selling 70 Red, Black and Full-blood Simmental and Red & Black Angus bulls. Wintering and delivery available. For more information or a catalogue phone T Bar C Cattle Co. 306-220-5006. View catalogue at: www.buyagro.com PL#116061.

18th ANNUAL KUNTZ-MCINTOSH-SAJ Simmental Bull Sale. Tuesday March 14th, 1:00PM CST, Lloydminster Exhibition Grounds. 65 yearling Red, Black, Fullblood and full Fleckvieh Simmental bulls. Wintering and delivery available. For more info, contact Trevor Kuntz 306-441-1308, Blair McIntosh 306-441-7755, Stuart Jamieson 306-397-2708 or T Bar C Cattle Co. 306-220-5006. Watch and bid on-line at: www.dlms.ca and View catalogue on-line at: www.buyagro.com PL#116061.

PROUDLY WESTERN BULL SALE, Saturday March 18th, 1:00PM at the Whitewood Auction Barn, Whitewood, SK. Selling 70 yearling Red, Black and Fullblood Simmental and SimmAngus cross bulls. Wintering and Delivery available. For catalogues or more info. contact T Bar C Cattle Co. 306-220-5006. View catalogue on-line at: www.buyagro.com PL#116061.



LABATTE SIMMENTALS with MEADOW ACRES FARMS - 37th Annual Bull & Female Sale, Friday, March 3, 1:00PM, Johnstone Auction Mart, Moose Jaw, SK., 4 miles West of Moose Jaw on Trans-Canada Hwy. Offering: 100 Simmental beef bulls (52 Red Polled PB, 42 Black Polled PB, 6 FB); 20 Red and Black open PB heifers. For catalogues and info call Barry LaBette at 306-815-7900 or 306-969-4820 Dustin Fornwald at 306-487-7510, Blair Fornwald at 306-487-7662 or Scott Johnstone at 306-693-4715. Catalogue on-line at: www.johnstoneauction.ca PL #914447

R PLUS SIMMENTALS, 17th Annual Bull Sale, Sunday, March 5, 2017, 1:00 PM at the ranch, 5 miles SE of Estevan, SK. Watch for signs. Selling: 70 multi-generation red and black Simmental yearling bulls, bred for easy calving & performance. Excellent bulls for commercial and purebred operations. Also selling 20 year old bulls. Call Marlin LeBlanc, 306-421-2470 or Rob Holowaychuk, 780-916-2628.

2 YR. OLD Black bulls - yearling Red, Black and full-blood bulls. Moderate BW. Bill or Virginia Peters, 306-237-9506, Perdue, SK.

RED AND BLACK Purebred and commercial Simmental replacement heifers. Bill or Virginia Peters, 306-237-9506, Perdue, SK.

BLACK & BLACK BALDIE Simmental Bulls, good selection of yearlings 2 year olds. Excellent quality with good hair coats and disposition second to none! Semen tested. Delivery available. Call Reg Schlacter 306-231-9758, Humboldt, SK.

TOP QUALITY RED FACTOR yearling Simmental bulls. Good hair coats. Polled; also 1 Red Factor Simm/Angus cross 2 year old bull, polled. Call Green Spruce Simmental 306-467-4975, 306-467-7912, Duck Lake.



SUNNY VALLEY SIMMENTALS 27th Annual Bull and Female Sale, Wednesday, March 8, 2017, 1:00 PM at Saskatoon Livestock Sales, Saskatoon, SK. 45 red, black and fullblood beef bulls. Semen tested, delivered and fully guaranteed; 9 replacement females. For more information call Tyler 306-544-7633 View catalogue at: www.sunnyvalleysimmentals.com

PHEASANTDALE CATTLE COMPANY 13th Annual Bull and Female Sale Thurs., March 2nd, 1:00 PM at the ranch, 22 kms. east of Balcarres, SK. Offering 70 fullblood Simmental, Red and Black Purebred Simmental and Simm/Red Angus cross bulls, yearlings and extra age bulls, all polled. 8 open purebred heifers. View catalogue: www.bohrson.com For info. call Lee Stilborn 306-335-7553, 306-335-2828.



SIMMENTAL
5205

ASHWORTH FARM AND RANCH 14th Annual Bull Sale, Monday, March 6th, 1 PM at the farm, 8 miles South of Oungre, SK. Hwy. #35, 2-1/2 miles East. Offering 90 Red and Black Simmental bulls and Simm/Angus cross bulls. For catalogue or more information call Kelly Ashworth 306-456-2749, 306-861-2013 or Bouchard Livestock 403-946-4999. View catalogue on-line at: www.bouchardlivestock.com

SOUTH DEVON
5210

SOUTH DEVON AND POUNDMAKER (SD cross Angus) bulls. Yearling and 2 year olds. Semen tested. Ivomeced and vaccinated. British breed. Quiet, good growth. \$2500-3500. 403-566-2467, Wardlaw, AB. E-mail: dmranranching@gmail.com

TEXAS LONGHORN
5225



ALLEMAND RANCHES REGISTERED Texas Longhorn bulls and ropers. Shaunavon, SK. Daryl 306-297-8481 or Bob 306-297-7078

WELSH BLACK
5235

WELSH BLACK - The Brood Cow Advantage. Check www.canadianwelshblackcattle.com Canadian Welsh Black Soc. 403-442-4372.

CATTLE VARIOUS
5240

70 BLACK COMING 2nd calves bred to Black bulls. Start calving in April. 403-362-0518, Duchess, AB.

BRED HEIFERS: 65 excellent quality ranch raised Black and Red Angus. Moderate framed females will make great cows. Bred to top quality bulls. Call or leave message 780-855-2580, New Norway, AB.

75 SECOND AND THIRD Black and Red Angus young bred cows. Call 306-773-1049 or 306-741-6513, Swift Current, SK.

200 RED & BLACK Angus bred heifers. Can sell as bred or calved. Call 306-773-1049, 306-741-6513, Swift Current, SK.

OPEN REPLACEMENT HEIFERS, exc quality, Red Angus x Simmental, Red Angus x Hereford, Full health program one Incon. Davey Cattle Company 306-843-7606 Pictures and references avail. Wilkie, SK.



COZY CAPS! Ear protection for newborn calves! 306-739-0020, Carlyle, SK. Email cozycaps@outlook.com

BRED COW HERD REDUCTION, by half. 150 head. Bred Charolais, to calve first week of April. 306-432-4803, Lipton, SK.

20 BRED RED and Black Angus heifers for sale, \$2200 OBO. Call Spruce Acres, 306-272-3997, Foam Lake, SK.

25 BRED RED and Black Angus cows, \$1700 each. Call Spruce Acres, 306-272-3997, Foam Lake, SK.

CATTLE WANTED
5245

WANTED: 2 SCOTTISH HIGHLAND bred cows. Call 780-672-6026, Ohaton, AB.

WANTED: CULL COWS and bulls. For bookings call Kelly at Drake Meat Processors, 306-363-2117 ext. 111, Drake, SK.

DONKEYS
5335

4 BRED MINIATURE Jenny donkeys, due in spring. Call 780-672-6026, Ohaton, AB.

HORSES VARIOUS
5460

10 YEARLINGS: 5 black Friesian/Hafflinger, 2 bay Friesian/Hafflingers, 3 Fjord/Hafflingers. \$900 ea. 306-682-2899, Humboldt, SK.

HARNESSES/VEHICLES
5470

HORSE COLLARS, all sizes, steel and aluminum horseshoes. We ship anywhere. Keddie's, 1-800-390-6924 or keddie.com

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.

FARMER 51, never married, looking for a younger woman with a son/kids to be a special part of my life and farm in NW SK. Don't be shy, privacy assured. Much appreciated if you could please reply with recent photo, phone number and a brief description of yourself to: Box 5595, c/o The Western Producer, Saskatoon, SK, S7K 2C4

Stretch your advertising dollars! Place an ad in the classifieds. Our friendly staff is waiting for your call. 1-800-665-1362.

PETS

THE ANIMAL PEDIGREE ACT

No person shall, without an express statement that the animal's registration, identification or status as a purebred is from a jurisdiction other than Canada and that the animal will not be registered or identified in Canada by the person, sell, as registered or identified, or as eligible to be registered or identified, or as a pure-bred, any animal without providing to the buyer thereof within six months after the sale the animal's duly transferred certificate of registration or certificate of identification. Any person who contravenes any provision of this Act or the regulations (a) is guilty of an offence punishable on summary conviction and is liable to a fine not exceeding twenty-five thousand dollars; or (b) is guilty of an indictable offence and is liable to a fine not exceeding fifty thousand dollars. For further information contact: Canadian Kennel Club Etobicoke, Ont.

WORKING DOGS

TRUE BLUE HEELERS has a new litter. From great working parents, ready March 11th, 2017. 2 females, 3 males. 1st shots and de-wormed, \$400. 306-492-2447, 306-290-3339, Clavet, SK.

REAL ESTATE

COMMERCIAL BUILDINGS/LAND

RM OF CORMAN PARK #344, NE-16-35-05-W3, 148 acres. Excellent development property, 1/2 mile S of Casa Rio on Clarence Ave. Power and well on-site. Duane Neufeldt, Re/Max Saskatoon, 306-948-8055 www.duaneneufeldt.com

COTTAGE/LOTS

LOG HOMES AND CABINS, sidings, paneling, decking, Fir and Hemlock flooring, timbers, special orders. Phone Rouck Bros., Lumby, BC. 1-800-960-3388. www.rouckbros.com

HOUSES/LOTS



DOUBLE RV LOT for sale, Yuma, AZ. With RV support building - washer/dryer, toilet, shower etc. 403-871-2441, 928-503-5344.



YUMA, AZ. HOME for sale: 3 bdrm, 2 baths, w/solar system, pool, att. garage and RV garage, fully furnished. For more info. call 403-871-2441 or 928-503-5344.



RETIRING, DOWNSIZING, EMPTY NEST: This home is perfect for you! 1434 sq. ft. bungalow (quality craftsmanship, custom built 1992), clean, well maintained, original owner, 3 large bdrms (1 up, 2 down), 2 baths (1 up w/jet tub, 1 down w/shower), oversized dbl att. garage; in-floor heat throughout, spacious kitchen w/island, oak cabinets, formal dining room, sunroom, main floor laundry, AC, fully dev. bsmt., wheelchair accessible, greenhouse, continuous metal siding, shake roof, natural gas BBQ hook-ups. Front and back decks. Much to appreciate on this quiet riverfront property, w/adjacent walking paths, \$470,000. Adjacent empty lot is also for sale - additional to asking price. 403-660-2996 Drumheller AB

TO BE MOVED: 1977 27x40' bungalow on farm, 2 bdrms, 1 bath, 16x24' wrap around deck, new hardwood floors, windows and doors, siding and insulation 5 yrs. old, new never used fridge/stove microwave, built-in dishwasher. Would make a perfect cabin or starter home. Have mover's quote. Asking \$60,000. 780-205-4423, Lashburn, SK.

OWN A ZAK'S custom built home in the brand new subdivision in Neuanlage, SK. just minutes from Saskatoon. Go to www.zaksbuilding.com or 306-225-2288.

MOBILE HOMES

1997 SRI REGENT, 16x76, 3 bdrm, 2 baths, excellent condition, \$58,000. Call Doug, 780-920-3004, Edmonton, AB. area.

MEDALLION HOMES 1-800-249-3969 Immediate delivery: New 16' and 20' modular homes; Also used 14' and 16' homes. Now available: Lake homes. Medallion Homes, 306-764-2121, Prince Albert, SK.

2008 SRI, 2016 sq. ft., 6 bedrooms, 3 1/2 baths, exc. cond. \$144,900 OBO. Call Al 306-221-4493, Vanscoy, SK.

READY TO MOVE

RTMS AND SITE built homes. Call 1-866-933-9595, or go online for pictures and pricing at: www.warmanhomes.ca

ZAK'S RTM HOMES and cottages, custom built, every time! www.zaksbuilding.com or call our talented staff at 306-225-2288 to help design your new home.

RESORTS

VEGAS TIMESHARE. INT'L exchanges, avail. 2 bdrm., full kitchen washer/dryer, living/dining room. 306-453-2958, Carlyle.

FARM & RANCHES

ALBERTA

FARM AND RANCH land for sale. Henry Vos, 780-825-1992, Royal LePage Realty. www.peacereverfarmsandranches.com

WANTED TO LEASE irrigated land to produce forages or buy standing irrigated pure Timothy or pure Alfalfa; Also looking to lease land or buy standing pure Timothy crops west of Hwy #2. Call Barry at: 403-507-8660, e-mail: info@barr-ag.com

ONE QUARTER GRAINLAND for sale, East of Bindloss, AB. For more info. call 403-379-2521.

FARMLAND FOR SALE in Manning, AB. Some full sections. Call Evelyn Petkus, Royal LePage Valley Realty, 780-836-6478.

SADDLE HILLS, Alberta Farm for Lease The Saddle Hills farm consists of approximately 3678 acres of cropland as well as a home yard site with equipment and grain storage capacity. The farm is located north of Bonanza, AB. in Saddle Hills County. The area is well suited for canola, wheat and oats. Bonnefield plans to negotiate with excellent farmers to form long-term lease arrangements to ensure this land is maintained profitably and sustainably for the long term. For more information please contact: saddlehills@bonnefield.com

SASKATCHEWAN

TOM@SASKFARMLAND.COM Perdue 416 acres pasture/hay land. New 4-wire fence, 3 dugouts, steel corrals and chute, 2016 alfalfa/brome mix, \$367,000 MLS. Tom at 306-260-7838 Coldwell Banker.

TOM@SASKFARMLAND.COM RM of McCraney. Didur Farm, 958 acres. Six quarters good quality cultivated dirt. Avg. assess \$56,500. Tenant available. Will sell individual or combinations, \$929,000 MLS. Tom at 306-260-7838, Coldwell Banker.

TOM@SASKFARMLAND.COM RM of McCraney. Penno Ranch 1,117 acres. Fenced, cross fenced, dugouts, corrals, outbuildings, new shelter. 1440 sq. ft. bungalow. \$1,399,900 MLS. Tom Neufeldt, 306-260-7838 Coldwell Banker.

TOM@SASKFARMAND.COM Crystal Springs. Recreational 160 acres. 62 acres hayland, 90 acres bush and water. Heavy big game activity. Tenant avail. \$115,000 MLS. Tom 306-260-7838, Coldwell Banker.

TOM@SASKFARMLAND.COM Lucky Lake 160 acres, excellent quality land, huge 2,428 sq. ft. home. Working corrals, barn, shelters, heated shop. Tenant available. \$575,000 MLS. Tom Neufeldt at 306-260-7838, Coldwell Banker.

160 ACRES near Regina with yard and business opportunity; 15 acres w/large character home, plus 2nd home on property within 35 miles of Regina or Weyburn on Hwy. #35; 160 acres w/large home, 3 car heated garage, large shop, horse barn, plenty of water, 20 min. NE of Regina; Near Pilot Butte, 80 acre development land; 90+ acres, Hwy. #11, 7 mi. North of Saskatoon, development; RM Perdue, 2 quarters W. of Saskatoon on Hwy #14; 2 miles East of Balgonie Hwy. #1, 145 acre development land. Brian Tiefenbach 306-536-3269, Colliers Int., Regina, SK. www.collierscanada.com



REAL ESTATE AUCTION. Ole Peteherych, 306-634-3540, Thursday, March 30, 2017, Days Inn, Estevan, SK., 7:00 PM. Join Mack Auction Company on Thursday, March 30 for your chance to own 6 quarter sections of fenced pasture land in the North Portal/Northgate SK. area. Lots 1 & 2 share a common water source and will be combined. This half section is located adjacent to the community pasture's east corrals. **RM Coalfields #4:** 1. SW-22-01-04-W2, pasture. 2. SE-22-01-04-W2, pasture. Abandoned farm yard with power service. Lots 3, 4, 5 & 6 will be combined. These 4 quarters are crossfenced and share water sources, valleys and coulees. **RM Enniskillen #3:** 3. SW-28-01-03-W2, pasture. 4. SE-28-01-03-W2, pasture. Seasonal access road and low level crossing. 5. NE-28-01-03-W2, pasture. Grid road access, also known as the Little Dipper Ranch Heritage Site. 6. NW-27-01-03-W2, pasture. Grid road access. Mack Auction Co. 306-421-2928, 306-487-7815. For sale bill and photos: mackauctioncompany.com Join us on Facebook & Twitter. PL311962.

FOR SALE BY TENDER: RM Of Coalfields NO. 004, NW-25-2-SW2M and SW-25-2-5 W2M. All offers to be submitted in writing on or before Friday, March 17, 2017. Highest or any offer not necessarily accepted. Minerals not included. Please forward all bids and enquiries to: McGeough Zepick Law Office, 1222-5th Street, Estevan, SK. S4A 0Z6. Email: mzlaw@sasktel.net Phone 306-634-8822.

SASKATCHEWAN

GOT OIL?™

Free property evaluation for mineral rights owners.

Top royalties paid on suitable drilling locations.

Have your land co-ordinates available.

Call 403-291-0005

Toll Free 1-877-784-9696

www.briskenergy.com

Info@briskenergy.com

Making the process a positive experience for landowners

Class 'A' Founders Shares available for Accredited Investors

MACK AUCTION CO. presents a large Real Estate and Land Auction the Estate of William Krell, Monday, April 10, 2017, at 10:00 AM. Directions from Stoughton, SK. go 2 miles South on Hwy #47, 1 mile West and 1/4 mile North. 1) SE-17-08-08-W2 RM Of Tecumseh #65, FVA 69,500, 110 cultivated acres, 2016 yellow flax crop, 2016 taxes \$301.57, 2 storey character home, 26x32 double car garage, concrete floor and electric heat; 50x100 steel quonset, overhead and sliding doors; 40x54 steel work shop, overhead door, concrete floor, electric heat, bathroom; 40x60 steel quonset; Hip roof barn with lean to and cupolas; Livestock watering bowls; Numerous wood outbuildings for storage; steel grain bins on cement foundations. 2) SW 17-08-08-W2, RM#65 - FVA 79,300, 159 titled acres, 110 cult. acres. 3) NW 17-08-08-W2, RM #65 - FVA 74,700, 160 titled acres, 120 cult. acres. 4) SW 16-08-08-W2 RM #65 - FVA 81,400, 160 titled acres, 150 cult. acres. \$7000 surface lease revenue. 5) NW 09-08-08-W2, RM #65 - FVA 78,600, 160 titled acres, 122 cult. acres, 2016 Canola crop, 2016 taxes \$340.22, \$5600 surface lease revenue. 6) NE 09-08-08-W2, RM #65 - FVA 70,500, 158 titled acres, 115 cult. acres \$7200 oil surface lease revenue, 40x80 wood arch rib storage, 28x60 wood grain annex, steel 2911 and 1350 bu grain bins. 7) SW 09-08-08-W2, RM #65 - FVA 68,900, 160 titled acres, 125 cult. acres. 8) SE 09-08-08-W2, RM #65; FVA 75,100, 160 titled acres, 115 cult. acres. 9) NW 10-08-08-W2, RM #65 - FVA 77,000, 157 titled acres, cult. acres \$2300 oil surface lease revenue. 10) NE 10-08-08-W2, RM #65 - FVA 78,600, 160 titled acres, 151 cult. acres. 11) SW 32-07-08-W2, RM #65 - FVA 60,100, 193 titled acres, 152 cultivated acres. 12) SE 32-07-08-W2, RM #65 - FVA 58,000, 176 titled acres, 123 cult. acres. 13) 312 Donnelly Street, Stoughton; 50'x120' non-serviced commercial/residential lot. 14) 316 Donnelly Street, Stoughton; 50'x120' non-serviced commercial/residential lot. Visit: www.mackauctioncompany.com for sale bill and photos. Join us on Facebook and Twitter. 306-421-2928 or 306-487-7815, Mack Auction Co. PL 311962

RM OF ROSEMOUNT #378: Starter farm/ranch! Older 1-3/4 storey character home, approx. 2000 sq. ft., heated detached garage, quonset, open front shelter, corrals, bins. 186 acres of land. (70 cult., remainder pasture and yardsite). NW 36-36-16-W3 and part of SW 36-36-16-W3 \$349,000. For more info. phone Duane Neufeldt, Re/Max Saskatoon Biggar 306-948-8055 www.duaneneufeldt.com

RM OF GLENSIDE 377: Prime ranching opportunity! 1296 sq. ft. bungalow built in 1988. Detached garage, metal shop/riding arena, horse barn and newer corrals. 308 total acres of land. (Both native and tame grass, cross fenced into many paddocks). SE 04-40-14 W3 and SE 33-39-14 W3, \$499,000. For more info. phone Duane Neufeldt, RE/MAX Saskatoon - Biggar 306-948-8055. www.duaneneufeldt.com

FOR SALE IN the RM of Marquis No. 191: NW 01-19-26 W2, assessment \$117,700; SW 01-19-26 W2, assessment \$107,600. Highest or any offer not necessarily accepted. Taking offers until March 16th, 2017. Mail offers to: Box 37, Tuxford, SK. S0H 4C0. Phone or text 306-631-8454.

CASH RENT: 6 quarters in 1 block, RM Kingsley #124, Kipling/Whitewood area. One quarter 7 miles from home residence may consider selling. 306-696-2957.

GRAIN LAND TO RENT, 35 mile radius of Rouleau, SK. Call 306-776-2600 or email: kraussacres@sasktel.net



HANLEY-KENASTON AREA. 320 acres, bungalow, new shop, barn with added stock shelter, good water, natural gas, all underground services. 40 minutes from Saskatoon. Home quarter may be purchased separately. Asking \$569,000. Call 306-252-5200 or Calgary 403-275-8008.

FOR SALE BY TENDER- Home and farm property LSD 1 and 8 of 32-49-14-W2 Ext 31 and 32, NE-29-49-14-W2 (230 cult. acres). The above noted land located in the RM of Nipawin is offered for sale by Tender. This also includes the yardsite with house and outbuildings, as below: **Home Details:** 1934 1-3/4 storey home, approx. 728 sq. ft. w/attached porch built in 1990, 336 sq. ft. The house has forced air nat. gas heat, septic tank with pump out. 3 bdrms and 1 full bathroom on the main floor. The basement is partially completed cement with cold storage and 1 bdrm. 3 season porch. The house has new windows and one ext. door in 2010 and a partial tin roof in 2012. Sells with elec. stove, fridge, deep freeze and new apartment size washer/dryer, as well as other various household items. **Outbuildings:** 1950 2344 sq. ft. machine shed- cold storage, dirt floor; 1950 896 sq. ft. wood granary; 1950 288 sq. ft. garage, has power; Hoppers: 2500 bu. and 2- 2700 bu. Various other wood buildings and physical improvements on the yard which include UG power, natural gas, power, new sandpoint in 2016 and maintenance. Misc. tools and yard equip. included. **Limited Viewing Time:** Saturday, Feb. 25th, 12:00-4:00 PM; Sunday, Feb. 26th 10:00 AM-1:00 PM. (weather permitting). **Deadline:** Tenders will be accepted at TSN Law until 4:00 PM on March 7, 2017. **Deposit:** 10% of Tender price by certified cheque and confirmation of funding for balance, to be included with Tender (Funds shall be returned on any tenders not accepted). **Possession Date:** April 30, 2017. **How to Submit:** An Offer to Purchase is available at TSN Law, Nipawin, SK. SOE 1E0, 306-862-3111, or fax 306-862-2560 or ron@tsnlaw.net Highest or any tender not necessarily accepted.

FARMLAND AUCTION: 2 quarter sections of farmland in the RM of Benson #35, SE 01-04-07 W2 and SW 01-04-07 W2. Don Biette land and farm equipment auction Monday April 17, 2017. Bienfait, SK. area. Visit www.mackauctioncompany.com for sale bill and photos or join our FB page. Phone 306-421-2928 or 306-487-7815 MACK Auction Co. PL 311962.

FOR SALE BY TENDER - RM Of Key West No. 070: SE-14-08-23 W2; SW-13-08-23 W2; NW-12-08-23 W2. All offers to be submitted in writing on or before Friday March 10th, 2017. Highest or any offer not necessarily accepted. Includes 2 bins (3800 bu. & 4000 bu.). Mineral not included. Please forward all bids and enquiries to: McGeough Zepick Law Office, 1222-5th Street, Estevan, SK, S4A 0Z6. 306-634-8822, mzlaw@sasktel.net

WANTED: UP TO 190 quarters of grain land. Will consider most parts in SK and AB. For more info. phone 306-221-2208.

RM VISCOUNT #341 land for sale. SW, NW, NE-34-34-25-W2. Native pasture with 130 acres cult. 306-944-4227, Plunkett, SK

SASKATCHEWAN

BRISK ENERGY CORP

Have your land co-ordinates available.

Call 403-291-0005

Toll Free 1-877-784-9696

www.briskenergy.com

Info@briskenergy.com

Making the process a positive experience for landowners

Class 'A' Founders Shares available for Accredited Investors

RM OF ROSEMOUNT #378: Starter farm/ranch! Older 1-3/4 storey character home, approx. 2000 sq. ft., heated detached garage, quonset, open front shelter, corrals, bins. 186 acres of land. (70 cult., remainder pasture and yardsite). NW 36-36-16-W3 and part of SW 36-36-16-W3 \$349,000. For more info. phone Duane Neufeldt, Re/Max Saskatoon Biggar 306-948-8055 www.duaneneufeldt.com

RM OF GLENSIDE 377: Prime ranching opportunity! 1296 sq. ft. bungalow built in 1988. Detached garage, metal shop/riding arena, horse barn and newer corrals. 308 total acres of land. (Both native and tame grass, cross fenced into many paddocks). SE 04-40-14 W3 and SE 33-39-14 W3, \$499,000. For more info. phone Duane Neufeldt, RE/MAX Saskatoon - Biggar 306-948-8055. www.duaneneufeldt.com

FOR SALE IN the RM of Marquis No. 191: NW 01-19-26 W2, assessment \$117,700; SW 01-19-26 W2, assessment \$107,600. Highest or any offer not necessarily accepted. Taking offers until March 16th, 2017. Mail offers to: Box 37, Tuxford, SK. S0H 4C0. Phone or text 306-631-8454.

CASH RENT: 6 quarters in 1 block, RM Kingsley #124, Kipling/Whitewood area. One quarter 7 miles from home residence may consider selling. 306-696-2957.

GRAIN LAND TO RENT, 35 mile radius of Rouleau, SK. Call 306-776-2600 or email: kraussacres@sasktel.net

HANLEY-KENASTON AREA. 320 acres, bungalow, new shop, barn with added stock shelter, good water, natural gas, all underground services. 40 minutes from Saskatoon. Home quarter may be purchased separately. Asking \$569,000. Call 306-252-5200 or Calgary 403-275-8008.

FOR SALE BY TENDER- Home and farm property LSD 1 and 8 of 32-49-14-W2 Ext 31 and 32, NE-29-49-14-W2 (230 cult. acres). The above noted land located in the RM of Nipawin is offered for sale by Tender. This also includes the yardsite with house and outbuildings, as below: **Home Details:** 1934 1-3/4 storey home, approx. 728 sq. ft. w/attached porch built in 1990, 336 sq. ft. The house has forced air nat. gas heat, septic tank with pump out. 3 bdrms and 1 full bathroom on the main floor. The basement is partially completed cement with cold storage and 1 bdrm. 3 season porch. The house has new windows and one ext. door in 2010 and a partial tin roof in 2012. Sells with elec. stove, fridge, deep freeze and new apartment size washer/dryer, as well as other various household items. **Outbuildings:** 1950 2344 sq. ft. machine shed- cold storage, dirt floor; 1950 896 sq. ft. wood granary; 1950 288 sq. ft. garage, has power; Hoppers: 2500 bu. and 2- 2700 bu. Various other wood buildings and physical improvements on the yard which include UG power, natural gas, power, new sandpoint in 2016 and maintenance. Misc. tools and yard equip. included. **Limited Viewing Time:** Saturday, Feb. 25th, 12:00-4:00 PM; Sunday, Feb. 26th 10:00 AM-1:00 PM. (weather permitting). **Deadline:** Tenders will be accepted at TSN Law until 4:00 PM on March 7, 2017. **Deposit:** 10% of Tender price by certified cheque and confirmation of funding for balance, to be included with Tender (Funds shall be returned on any tenders not accepted). **Possession Date:** April 30, 2017. **How to Submit:** An Offer to Purchase is available at TSN Law, Nipawin, SK. SOE 1E0, 306-862-3111, or fax 306-862-2560 or ron@tsnlaw.net Highest or any tender not necessarily accepted.

FARMLAND FOR SALE OR RENT, RM of Emerald No. 277, NW 16-28-13 W2. Possibly more available. Send offers to: Box 59 Leross, SK. SOA 2C0. Ph. 306-675-4968

LAND FOR SALE: RM of Wallace No. 243. NW 14-27-01 W2. 160 acres (140 cult.), Assessed 43,340. Call 204-414-4129.

We know that farming is enough of a gamble so if you want to sell it fast please your ad in the Alberta Farmer Express classifieds. It's a Sure Thing. Call our toll-free number today. We have friendly staff ready to help. 1-800-665-1362.

PASTURES

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

ACREAGES



RM OF BIGGAR, BIGGAR, \$580,000. This acreage has 9.8 acres with a 3 bdrm, 2 bath home with a dbl. attached garage. This home has been 90% renovated inside and outside over the past 2 years. 32x50' heated shop with 3 bays. Back yard has 60x100' metal clad pole shed, 33x66' steel quonset, and 30x75' wood straight wall older shed. Excellent location, 8 miles north and 3 miles west of Biggar, SK. MLS# 586422. Wally Lorenz, Realtor, Re/Max of the Battlefords, 306-843-7898.

RECREATIONAL VEHICLES

CAMPER/TRAILERS

2007 OKANAGAN ECLIPSE 28.5' 5th wheel, bunk beds, big shower, winter pkg., low kms, Mumby hitch, \$22,000. Financing avail. Leduc, AB. larry-s@telus.net

1974 BOLER TRAILER, new radial tires, sleeps 4, furnace, always shedded and covered. 306-696-2957, Whitewood, SK.

MOTOR HOMES

WANTED PARTS for GMC motorhome, built between 1973 and 1978. Call 306-463-7527, Kindersley, SK.

2013 CHALLENGER 37KT, 31,000 miles, excellent cond, many extras, \$115,000. St. Gregor, SK. 306-366-2112, 306-231-3410.

SNOWMOBILES

1993 GRAND TOURING Ski-Doo, front cover, stored inside, used very little by elderly couple. 306-696-2957, Whitewood, SK.

SCALES

ELIAS SCALES MFG., several different ways to weigh bales and livestock; Platform scales for industrial use as well, non-electric, no balances or cables (no weigh like it). Shipping arranged. 306-445-2111, North Battleford, SK. www.eliasscales.com

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

ALFALFA
6425

TOP PERFORMING SEED PRODUCTS FROM PROFESSIONALS YOU CAN TRUST



INTRODUCING
Frosty Berseem Clover
A new annual option for Grazing, Soil N-Fixation (optional) or as a companion crop with Alfalfa

Darrell Holyk Edwin Mans
North Prairies South Prairies
780-619-1300 403-308-0857

www.performanceseed.ca • 1-888-808-2898

FLAX
6443

REG. AND CERT. #1 Bethune flx, 98% germ., Triflief free. Sandercock Seed Farm, 306-334-2958, Balcarres, SK.

CERT. GLAS, CDC Sorrel, CDC Bethune flx. Travin Seeds, Melfort, SK., 306-752-4060. www.travinseeds.ca

PULSE CROPS

BEANS
6449

HAVE WET FIELDS? Try Faba beans! Cert. CDC Snowdrop, small seed, zero tannin. 306-843-2934, Wilkie, SK. www.herle.ca

REG., CERT. MCLEOD R2Y soybean, early season, high yield. Custom treating available. Call for early order and bulk discount pricing. Visa, MC, FCC financing. LSEEDS.CA, 306-530-8433, Lumsden, SK.

CONVENTIONAL SOYBEANS: AAC Edward, OAC Prudence - Certified, Reg., Fdn. Not glyphosate tolerant. Big Dog Seeds, 306-483-2963, Oxbow, SK.

LENTIL
6455

New Variety

CERT. REG. FDN. CDC Impulse and CDC Proclaim red lentil seed. Higher yielding than Maxim. Volume and cash discounts. Please text or call Jeff at Sopatyk Seed Farms, 306-227-7867, Aberdeen, SK. Email: jeffsopatyk@me.com

CERT. #1 CDC Proclaim (small red), CDC Marble (French green). Call Ardell Seeds Ltd., 306-668-4415, Vanscoy, SK.

NEW CERT. CDC Proclaim CL red lentil 306-843-2934, Wilkie, SK. www.herle.ca

CERTIFIED CDC MARBLE, dark speckled lentils. Call Grant, Greenshields Seeds, 306-746-7336, 306-524-4339, Semans, SK

PEAS
6458

CERTIFIED CDC AMARILLO. Volume and cash discounts. Please text or call Jeff at Sopatyk Seed Farms, 306-227-7867, Aberdeen, SK. jeffsopatyk@me.com

CERTIFIED CDC Amarillo, CDC Limerick, CDC Greenwater, CDC Mosaic. Phone Grant, Greenshields Seeds, 306-746-7336, 306-524-4339, Semans, SK

CERT. #1 CDC Amarillo, CDC Limerick (green). Ardell Seeds Ltd., 306-668-4415, Vanscoy, SK.

CERTIFIED ABARTH European variety, better standability and disease package. 306-843-2934, Wilkie, SK. www.herle.ca

CERTIFIED ARDILL PEAS, 93% germ., no disease. Call Hickseeds 306-354-7998 (Barry), 306-229-9517 (Dale) Mossbank SK

CERTIFIED #1 CDC Amarillo, high germ. and quality. Seed Source, 306-323-4402, Archerwill, SK.

CERT.#1 CDC Limerick and Cooper, excellent quality. Northland Seeds Inc., 306-324-4315, Margo, SK.

SPECIALTY CROPS

CANARY SEEDS
6464

NEW CERTIFIED CDC Calvi, CDC Bastia, CDC Togo. Itchless. Very good condition. 306-843-2934, Wilkie, SK. www.herle.ca

CERT. CANTATE CANARY SEED. Highest yielding available variety. Hansen Seeds, 306-465-2525 or 306-861-5679, Yellow Grass, SK. jsh2@sasktel.net

CERTIFIED CDC CALVI. Phone Grant at Greenshields Seeds, 306-746-7336, 306-524-4339, Semans, SK

REG. AND CERT. CDC Calvi, great standability, excellent quality. Northland Seeds Inc., 306-324-4315, Margo, SK.

MUSTARD
6462

MUSTARD SEED FOR SALE! Looking for off grade mustard, lentils or chickpeas. Custom color sorting of all types of crops. Ackerman Ag Services, 306-638-2282, Chamberlain, SK.

COMMON SEED

FORAGE SEEDS
6485

TOP QUALITY ALFALFA, variety of grasses and custom blends, farmer to farmer. Gary Waterhouse 306-874-5684, Naicam, SK.

YELLOW BLOSSOM SWEET Clover seed, 99.5% pure, low price, delivered MB and SK. Rick Smylski, 204-638-7732.

\$28/ACRE, CATT CORN, open pollinated corn seed. Lower cost alternative for grazing and silage. 7-9" tall leafy plants, 8-10" cobs, early maturing 2150 CHUs. Seed produced in MB, for over 10 yrs. High nutritional value and palatability. Delivery available. 204-723-2831, Check us out on facebook at: Catt Corn

ALFALFA
6425

INTRODUCING
Frosty Berseem Clover
A new annual option for Grazing, Soil N-Fixation (optional) or as a companion crop with Alfalfa

Darrell Holyk Edwin Mans
North Prairies South Prairies
780-619-1300 403-308-0857

www.performanceseed.ca • 1-888-808-2898

GRASS SEEDS
6488

ALFALFA, CLOVER, BROMEGRASS, Timothy, wheat grass. Travin Seeds, Melfort, SK., 306-752-4060. www.travinseeds.ca

OILSEEDS
6491

Canola Wanted

Heated Green

Freight Options

Delivery Contracts

Scheduled Deliveries

MILLIGAN BIOFUELS

1-866-388-6284

www.milliganbiofuels.com

BEST DEALS FOR DAMAGED CANOLA

PULSE CROPS
6494

COMMON RED LENTIL seed, good germ. and vigor, bin run, 1300 bushel. Call 306-567-0176, Davidson, SK.

SMALL RED LENTILS, 93% germ, 92% cold InVigor, no disease. 306-483-7322. Frobisher, SK.

FEED GRAIN
6505

ATTENTION

WANTED HEATED CANOLA. No broker involved. Sell direct to crushing plant. Cash on delivery or pickup. 306-228-7306 or 306-228-7325, no texts. Unity, SK.

WANT TO BUY all grades of oats and feed barley and wheat. Mail samples to: Green Prairie, RR 8, Site 30, Comp 11, Lethbridge, AB. T1J 4P4. Call 1-877-667-3993.

WHY NOT KEEP MARKETING SIMPLE? We are selling feed grains. We are buying feed grains. Also buying chickpeas, lentils and golden flax. Fast payment, with prompt pickup, true price discovery. Call Jim Beusekom, Allen Pirmess, David Lea, Vera Buziak or Matt Beusekom at Market Place Commodities Ltd., Lethbridge, AB. Phone 1-866-512-1711. Email info@marketplacecommodities.com or

VAN RAAV PASKAL Farms in Iron Springs area is looking for Feed Barley. Put more \$\$\$ in your pocket and sell direct to us with no brokerage fee. Call 403-732-5641.

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.

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: FEED GRAIN, barley, wheat, peas, green or damaged canola. Phone Gary 306-823-4493, Neilburg, SK.

LACKAWANNA PRODUCTS CORP. Buyers and sellers of all types of feed grain and grain by-products. Contact Bill Hajt or Christopher Lent at 306-862-2723. clent@lpctrade.com bhajt@lpctrade.com

TOP PRICES PAID FOR FEED BARLEY, WHEAT, OATS, RYE, TRITICALE, PEAS, LENTILS, HEATED OIL SEEDS, SOYBEANS

Priced at your bin.

PEARMAN GRAIN LTD.
306-374-1968

HAY/STRAW
6510

ROUND ALFALFA/ALFALFA GRASS solid core greenfeed 5x6 JD hay bales for sale. Call 306-237-4582, Perdue, SK.

ALFALFA CUBES, LIVESTOCK PELLETS, bedding and grass seed. Cubes: \$250, 500 kg tote; \$12.70, 20 kg bag; Bulk available. Bulk livestock pellets. Bedding shavings. Grass seed dealer. Delivery available. 780-201-2044, Bonnyville, AB. Email: info@tnceedsandbrushing.com

QUALITY HAY 1st, 2nd and 3rd cut dairy and beef hay, 3x4 square bales, shedded; Triflief greenfeed with delivery available. 403-633-3777, 403-363-3318, Tilley, AB.

HAY/STRAW
6510

HORSE AND DAIRY QUALITY HAY, alfalfa and orchard grass mix, 80+ big squares 4x3x8, between 1100 and 1200 lbs., \$88. 2000+ small squares, 60-65 lbs., \$6. No rain, shedded. All prices are hay shed price. Phone 403-381-4817, Coalhurst, AB.

SHEDDED DAIRY AND FEEDER HAY, 3x4x8 square bales; Greenfeed and straw. Tests available. 403-633-8835, Tilley, AB.

2ND CUT ALFALFA, 3x4x8 squares, 140 tons; Also big square flax straw bales. 403-501-1837, Tilley, AB.

ALFALFA 3x4 SQUARES, 2nd and 3rd cut; Feed tests available. Call 403-501-9307, 403-362-6682, Tilley, AB.

ALFALFA BROME PUBESCENS 3x3x8 bales. Feed analysis available. Swift Current, SK. Call 306-773-2503 or 306-741-9784.

LARGE ROUND ALFALFA brome mixed hay. Call 306-764-6372, Prince Albert, SK.

1000 BROME/ALFALFA 5x6 bales, \$60 per bale. Fillmore/ Griffin, SK. area. Ph Gerald 306-861-7837.

400 BROME/ALFALFA 6x6 round hay bales, 4e/lb., no rain. Contact 306-634-7920, 306-421-1753, Estevan, SK.

500 ROUND GREENFEED BALES, average 1750 lbs., \$50 per bale. 306-845-2182, 306-845-7344, Turtleford, SK.

90 BARLEY BALES, netwrapped, 2090 lbs., \$75 each or 30 or more for \$70 each. 306-397-2677, 306-441-0677. Edam, SK.

ROUND BALE PICKING and hauling, small or large loads. Travel anywhere. Also hay for sale. 306-291-9658, Vanscoy, SK.

250 BIG SQUARE flax straw bales, ideal for animal shelters, wind shelters, etc. 306-320-1041, Leroy, SK.

GOOD QUALITY HAY put up dry without rain. 200 big square bales, 3x4x8. Reasonably priced. 306-320-1041, Leroy, SK.

ROUND WHEAT STRAW bales and greenfeed oat bales, all netwrapped. Phone/text 306-291-9395, Langham, SK.

PULSE CROPS
6494

COMMON RED LENTIL seed, good germ. and vigor, bin run, 1300 bushel. Call 306-567-0176, Davidson, SK.

SMALL RED LENTILS, 93% germ, 92% cold InVigor, no disease. 306-483-7322. Frobisher, SK.

CONVENTIONAL WHEAT STRAW round bales and pea straw round bales. Ph/text Troy 306-867-7719, Glenside, SK.

ROUND ALFALFA/GRASS MIXED hard core, 5x6, average 1450 lbs., 3.5e/lb. 306-736-2445, 306-577-7351, Kipling, SK.

CUSTOM BALE HAULING. Will haul large squares or round. Phone 306-567-7199, Kenaston, SK.

FINE CHOPPED ALFALFA silage bales, individually wrapped, 1200 lbs., hay analysis available, dairy quality. Call 306-963-7656, Imperial, SK.

HAY BALES, 1400 lbs., 25% alfalfa, 75% Meadow Brome, no rain. 306-963-7656, Imperial, SK.

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

ORGANIC OAT STRAW BALES, 200 big round, \$15 each. Phone 306-722-3225, Fillmore, SK.

TOP QUALITY GRASS HAY for sale, shedded, can deliver, 306-501-9204 ask for Paul. Belle Plain Colony, Belle Plain, SK.

1000 + HAY BALES: Alfalfa, Timothy or Meadow Brome, net or twine, \$15-\$50/ea. Call 306-278-7778, Porcupine Plain, SK.

250 LARGE ROUND 1500 lb. twine wrapped bales, good quality, 4e/lb or \$60/bale, loaded. Near Hwy #47. Call or text 306-728-9033, Melville, SK.

380 GREENFEED BALES, 4x4x8; 150 square hay bales, 4x4x8; 300 5x6 hay bales, 2 years old. \$45 per bale. 306-728-7195, 306-730-9735, Melville, SK.

HAULING 45 TONNES OF HAY on ea. of 2 identical Super B units. 48 large round bales; or 78- 3x4 squares; or 120- 3x3 squares per load. Receive up to 10% volume discount depending on volume. Ph/tx Hay Vern 204-729-7297, Brandon, MB.

FEED WANTED
6540

BOW VALLEY TRADING LTD.

WE BUY DAMAGED GRAIN

Wheat, Barley, Oats, Peas, etc. Green or Heated Canola/Flax

1-877-641-2798

TRADES/TECHNICAL
8044

FEED WANTED
6540

BUYING: HEATED CANOLA & FLAX

- Competitive Prices
- Prompt Movement
- Spring Thrashed

WESTCAN FEED & GRAIN "ON FARM PICK UP" 1-877-250-5252

SEED WANTED
6542

FEED GRAIN WANTED! Also buying light, tough or offgrade grains. "On Farm Pickup" Westcan Feed & Grain, 1-877-250-5252.

BUYING SPRING THRASHED CANOLA and grain "On Farm Pickup" Westcan Feed & Grain, 1-877-250-5252.

BUYING HEATED/DAMAGED PEAS, FLAX & GRAIN "On Farm Pickup". Westcan Feed & Grain, 1-877-250-5252.

TANKS
6925

MAGNUM FABRICATING LTD. For all your fuel tank needs ULC certified for Canada and USA and Transport Canada DOT certified fuel tanks. Your No. 1 fuel safe solution. 306-662-2198, Maple Creek, SK. www.magnumfabricating.com

AlbertaFarmer

Let the news come to you.

Sign up for daily enews at albertafarmexpress.ca

TARPAULINS
6925

TARPCO, SHUR-LOK, MICHEL'S sales, service, installations, repairs. Canadian company. We carry aeration socks and grain bags. Also electric chute openers for grain trailer hoppers. 1-866-663-0000.

TIRES
7050

SEMI TIRES. We stock a full line of tires for all your trucking needs. Drives starting at \$255, trailers starting at \$240. Full warranty on all tires. Call 306-714-0121, Shellbrook, SK. www.triplejaycentre.com

MR. TIRE CORP. For all your semi and half ton tire needs call Mylo 306-921-6555 Serving all of Saskatchewan.

GOOD USED TRUCK TIRES: 700/8.25/900/1000/1100x20s; 11R22.5/11R24.5; 9R17.5, matched sets available. Pricing from \$90. K&L Equipment and Auto. Ph Ladimer, 306-795-7779, Ituna, SK; Chris at 306-537-2027, Regina, SK.

CHECK OUT OUR inventory of quality used highway tractors. For more details call 204-685-2222 or view information at www.titantrucksales.com

TOOLS
7070

CHECK OUT OUR parts specials at www.Maximinc.com/parts or call Maxim Truck & Trailer, 1-888-986-2946.

TRAVEL
7095

RURAL & CULTURAL TOURS

- Switzerland Land & Rhine Cruise ~ May to Sept 2017
- Ireland/Scotland ~ June to September 2017
- Eastern Canada Incl. NS/PEI/NB/NFLD ~ June to Sept 2017
- Iceland/Greenland ~ June 2017
- Scandinavia & Baltic Cruise ~ July 2017
- Western Canada Farm Tour ~ July 2017 (Includes Calgary Stampede & Rocky Mountains)
- Rocky Mountaineer Rail ~ May to September 2017
- NWT/Yukon/Nahanni River ~ July/Aug 2017
- Egypt/Jordan ~ November 2017
- Australia/New Zealand ~ Jan 2018
- Costa Rica ~ Jan 2018

*Portion of tours may be Tax Deductible

Select Holidays
1-800-661-4326
www.selectholidays.com

TRADES/TECHNICAL
8044

WATER PUMPS
7150

For ALL Your Water Pump Needs

1-844-FLASH-44

WATERAX
WE MOVE WATER®

Snow Making High Pressure Pumps

Toll Free: 1-844-352-7444 | www.FlashFireSafety.com

FARM/RANCH
8016

HIRING

LARGE COW/CALF RANCH in NE Sask. seeks energetic Ranch Hand. Bunkhouse accommodation provided. Email resume: knilson@sasktel.net Fax 306-428-2192.

PTO WATER PUMP Bau-Man, sizes 6" to 16" w/capacities of 1,250 to 10,000 GPM. Lay flat water hose and accessories also available. 306-272-7225 or 306-272-4545, Foam Lake, SK. tmarkusson@sasktel.net www.highcapacitywaterpump.com

WELL DRILLING
7300

KORNUM WELL DRILLING, farm, cottage and acreage wells, test holes, well rehabilitation, witching, PVC/SS construction, expert workmanship and fair pricing, 50% government grant now available. Indian Head, SK., 306-541-7210 or 306-695-2061

CAREER TRAINING
8001

U-DRIVE TRACTOR TRAILER Training, 30 years experience. Day, 1 and 2 week upgrading programs for Class 1A, 3A and air brakes. One on one driving instructions. 306-786-6600, Yorkton, SK.

DOMESTIC SERVICES
8008

EXPERIENCED LIVE-IN Care giver with 12 yrs exp., is looking to care for a senior lady. Please call 306-551-7300.

FARM/RANCH
8016

HELPER WANTED ON mixed farm. Steady job for right person. Room and board avail. 403-631-2373, 403-994-0581, Olds, AB.

RIDER POSITION AVAILABLE on Pinhorn Grazing Reserve, May to Oct. Rider should be capable at riding, checking, recognizing sickness, roping, doctoring, some fencing. Must provide own horses (3-5). Should be willing to live in remote area. Contact Jon 403-868-2626, leave msg, Etzikom, AB.

FARM OPERATIONAL MANAGER required in Oyen, AB area. NW-6-32-1-W4. Mixed farm. Permanent full-time (40 hrs/ wk), \$21/hr. Manager will co-ordinate and supervise all farm and cattle operations. Requirements: 2-3 yrs relevant experience. Mechanical aptitude and knowledge of GPS. Valid driver's license. On-site accommodations available. E-mail resume to: thestrankmans@gmail.com

GRAIN FARM SEEKING FT seasonal farm equipment operator/general farm labourer. Must have valid driver's license, Class 1 an asset. Looking for someone to commit for entire farming season. Must have farming experience (combines, swathers, sprayers, etc.) Position will include the safe and efficient operation, repair & trouble shooting of farm machinery. Must be able to perform physical duties & work long hours during peak times. We offer housing and flexible hours during non-peak times. Top wages. Peace Country, AB. 780-864-0135. E-mail resume with references to: albertafarm2012@gmail.com

GROWING FAMILY FARM is looking for a full-time farm worker. You will be involved in all aspects of grain production and farm maintenance. We are looking for a trustworthy individual who can grow in responsibility as the farm grows. Experience with machinery, housing potentially available. Email resume to rennbreitkreuz@yahoo.ca Onway, AB.

FARM LABOURER REQUIRED for mixed farm to operate machinery, cattle handling and general farm duties. Driver's license required. Single or family accommodations including utilities. Ph 403-575-0712 or fax resume 403-577-2263, Consort, AB.

POSITION AVAILABLE, Cypress Hills, SK. area. Background yearling grasser operation and cow/calf. Modern facilities and equipment. Good working environment. Class 1 preferred. Wages negotiable depending on experience. Ph. 306-295-7473.

FULL-TIME DAIRY Herdperson wanted immediately, near Outlook, SK. Must have experience in dairy herd health, computers and be mechanically inclined, self-motivated and willing to learn. E-mail resume: jakeboot@yourlink.ca Fax: 306-867-9622. Phone 306-867-992



GET FARM FRESH AG NEWS DELIVERED RIGHT TO YOUR INBOX!

SUBSCRIBE TODAY!

IT'S EASY TO SIGN UP - AND FREE!



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

Alberta Farmer
EXPRESS

AG Dealer

Grainews

le Bulletin
des agriculteurs

Manitoba Co-OPERATOR

**THE WESTERN
PRODUCER**

Canadian THE BEEF MAGAZINE
Cattlemen

CountryGuide
STRATEGIC. BUSINESS. THINKING.

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

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

HERE'S HOW:

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

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



Signup today at: www.freefarmnews.com

NEW HOLLAND DEALERS



USED FARM EQUIPMENT

BEING EQUIPPED FOR TOMORROW STARTS TODAY.

0% FINANCING* OR CHOOSE CASH BACK!

ACT TODAY! OFFER ENDS SOON.

Stop by or learn more at newholland.com/na



*For commercial use only. Offer subject to credit qualification and approval by CNH Industrial Capital Canada Ltd. See your New Holland dealer for details and eligibility requirements. CNH Industrial Capital Canada Ltd. standard terms and conditions will apply. Depending on model, a down payment may be required. Offer good through [March 31, 2017], at participating New Holland dealers in Canada. Offer subject to change. Taxes, freight, set-up, delivery, additional options or attachments not included in price. © 2017 CNH Industrial Capital America LLC. All rights reserved. New Holland Agriculture is a trademark registered in the United States and many other countries, owned by or licensed to CNH Industrial N.V., its subsidiaries or affiliates. CNH Industrial Capital is a trademark in the United States and many other countries, owned by or licensed to CNH Industrial N.V., its subsidiaries or affiliates.

AIR DRILL

- 2009 Bourgault 3310, 65', 10"\$128,000
- 2011 Bourgault 3310, 65', 10"\$138,000
- 2010 Bourgault 3310, 75', 12"\$95,000
- 2013 Bourgault 3320, 76', 12"\$198,000
- 2013 Bourgault 3320, 75', 12"\$139,000
- 2013 Bourgault 3710, 50', 10"\$189,000
- 2015 Bourgault, 3720, 70', 12"\$189,000
- 2015 Bourgault, 3720, 70', 12"\$189,000
- 2002 Bourgault 5710, 29", 10"\$32,000
- 2002 Bourgault 5710, 47", 10"\$49,900
- 2008 Bourgault 5710, 64', 10"\$69,000
- 1997 Bourgault 5710, 54', 9.8"\$38,000
- 1998 Bourgault 5710, 54', 9.8"\$38,000
- 2003 Flexi-Coil 5000/3450, 57', 9"\$89,000
- 2000 Flexi-Coil 6000/3450, 40', 10", Piller Openers\$115,000
- 2010 Flexi-Coil P2060, 60', 10"\$68,000
- 2011 NH P2070, 70', 12"\$85,000
- 2008 NH SD550, 70', 10"\$59,000
- 2005 NH SD440, 45", 10"\$48,000
- 2015 CIH 700, 70', 12" spacingCall
- 2007 CIH 700, 70', 10"\$28,000
- 2008 Seedmaster 5010\$72,000
- 2008 Seedhawk, 50', 10", Leading Air\$99,000

AIR TANK/CART

- 2015 Bourgault L7800, TB, TRKS, SDLT\$226,000
- 2010 Bourgault 6700, Tow Behind Conveyor, 3 meters\$118,000
- 2011 Bourgault 6700, 700 Bush, 35,000 Acres\$135,000
- 2012 Bourgault 6450,\$115,000
- 2012 Bourgault 6350, Tow Behind\$58,000
- 2010 Bourgault L6350\$58,000
- 2008 Bourgault L6450\$72,000
- 2013 Bourgault, L6550\$115,000
- 1995 Flexi-Coil 5000/1330\$28,000
- 2015 Bourgault L7800\$239,000
- 2011 NH P1070, Tow Behind\$98,000
- Bourgault 3225,\$13,500
- 1996 Bourgault 4300\$13,800
- 2015 CIH 3580, Tow Behind VR CartCall
- 2010 CIH 3430\$45,000
- 2008 CIH 3430\$39,500
- 2007 CIH 3430\$35,000
- 2010 CIH 3430, VR, Hopper, Clean\$45,000
- 2008 CIH ADX3430, Mech, No Rust\$45,000
- 2015 L7800, TB, TRKS, SLDT\$226,000

BALER/ROUND

- 2012 NH BR7090, 3500 Bales\$39,500
- 2004 CIHRBX562, 12,600 Bales\$13,800
- 2005 NH BR780,\$13,500
- 2003 NH BR780,\$11,800
- 2006 NH BR780A,\$14,500
- 2010 NH BR7090\$29,500

BLADE

- 2 - 2015 Grouser 770HD, 14', 8-way\$45,000

- 2007 Leon 4000 STX425- Frameless\$13,800
- 2011 Leon Q5000 STX Quad\$30,000
- 2013 Leon Q5000,\$33,000
- 2002 Bobcat S185.....\$23,500

COMBINE

- 2012 NH CX8080, 1037/748 hrs ..\$278,000
- 2012 NH CX8080,1005/746 Hrs...\$268,000
- 2011 NH CX8080, 1438/1030 hrs \$238,000
- 2010 NH CX8080, 1875/1348 hrs \$228,800
- 2010 NH CX8080, 1755/1237 hrs \$228,800
- 2010 NH CX8080, 1722/1240 hrs \$228,800
- 2009 NH CX8080, 2014/1535 hrs \$215,000
- 2010 NH CX8080, 1000/900 hrs ..\$238,000
- 2007 NH CX8080, 1972/1539 Hrs\$179,000
- 2014 NH CR8090, 921/728 hrs\$349,000
- 2013 NH CR8090, 651/501 hrs\$365,000
- 2013 NH CR8090, 655/488 hrs\$365,000
- 2012 NH CR8090, 1144/917 hrs ..\$289,000
- 2012 NH CR8090, 1314/1041 hrs \$299,000
- 2004 NH CX860, 2688/2035 hrs ..\$119,000
- 2004 NH CX860, 3685/2869 hrs\$98,000
- 2004 NH CX860, 2528/1924 hrs ..\$138,000
- 1997 NH TX66, 3754/2781 hrs\$28,500
- 1998 NH TX66, 2796/2188 hrs.....\$48,000
- 1996 NH TR98, 2931/2211 hrs.....\$39,000
- 1997 NH TR98, 2740/1934 hrs.....\$38,000
- 1997 NH TR98, 2391/1622 hrs.....\$39,000
- 2008 NH CR9070, 1300/965 Hrs ..\$198,000
- 2008 NH CR9070, 2279/1562 hrs \$228,000
- 2010 NH CR9070, 1622/1199 hrs \$179,500
- 2007 NH CR9070, 948/780 hrs\$198,000
- 2007 NH CR9070, 1710/1253 hrs \$179,000
- 2008 NH CR9070, 1434/1023 hrs \$189,500
- 2008 NH CR9070, 1489/1020 hrs \$195,000
- 2008 NH CR9070, 2251/1583 hrs \$169,500
- 2009 NH CR9070, 1597/1208 Hrs\$179,000
- 2010 NH CR9070, 1300/1153 hrs \$198,000
- 2010 NH CR9070, 1616/1190 hrs \$189,000
- 2007 NH CR9070, 1510/2267 hrs \$148,500
- 2009 NH CR9070, 1554/1137 hrs \$198,000
- 2009 NH CR9080, 1347/980 hrs ..\$249,000
- 2011 NH CR9090, 1311/967 hrs ..\$299,000
- 2012 NH CR9090, 868/632hrs\$339,000
- 2012 NH CR9090, 811/576 hrs\$369,000
- 2014 NH CR9090, 561/460 hrs\$398,000
- 2014 NH CR9090, 575/480 hrs\$398,000
- 2014 NH CR9090, 512 hrs\$410,000
- 2014 NH CR9090, 476 hrs\$420,000
- 2016 NH CR9.90E, 318/244 hrs...\$549,000
- 2013 NH CR9090E, 680 Thr Hrs ..\$379,000
- 2013 NH CR9090E, 304/239 hrs..\$298,000
- 2013 NH CR9090Z, 1128/804 Hrs\$369,000
- 2013 NH CR9090Z, 1204/815 Hrs\$369,000
- 2005 NH CR970, 2459/1821 hrs ..\$138,000
- 2006 NH CR970, 1861/1300 hrs ..\$149,000
- 2006 NH CR970, 1495/1159 hrs ..\$178,000
- 2006 NH CR970, 1547/1219 hrs ..\$159,000
- 2015 NH CR8.90, 620/414 hrs\$483,000
- 2015 NH CR8.90, 606/445 hrs\$489,000
- 2015 NH CR8.90, 621/440 hrs\$489,000
- 2016 NH CR8.90, 317/214 hrs\$499,000

- 2013 NH CR8090, 1162/904 hrs ..\$289,000
- 2015 NH CR10.90, 272 hrs\$578,000
- 2000 CIH8010, 1728/1322 hrs\$189,000
- 2013 CIH 8230, 700 thr hrs\$298,000
- 1995 JD 9500, 2250 thr hrs\$39,500
- 2013 JD S680, 933/653 hrs.....\$387,000
- 2010 JD T670,1132/807 hrs.....\$198,000

VERTICAL TILLAGE

- 2007 Bourgault 6000\$25,800
- 2015 Salford I-4160, 60'\$178,000
- 2010 Salford 570 RTS, 30'\$68,000
- 2011 Degelman 7000, 70'\$33,000
- 1994 Degelman 7000, 50'\$15,800

FEED WAGON/BALE PROCESSOR

- 2005 Haybuster 2650\$14,900
- 2003 Lucknow 285\$12,800

GRAIN AUGER

- 2001 Brandt 1390,\$9,000
- 2002 REM 2100\$6,000
- 2008 REM 2700\$13,000

HEADER COMBINE

- 2010 Honeybee, HB30, Gleaner adaptor, 30'\$49,500
- 1999 Honeybee SP36, 36'\$29,000
- 2007 Honeybee SP36\$29,800
- 2013 Honeybee HP30\$48,000
- 1994 Honeybee SP30,\$9,800
- 2009 NH 88C, 42'\$68,000
- 2001 NH 94C\$29,000
- 2006 NH 94C\$29,500
- 2008 NH 94C\$29,500
- 2010 NH 94C, 30 CX/CR\$36,500
- 2003 NH 94C, 30 CX/CR\$29,500
- 2005 NH 94C\$39,500
- 1998 NH 994 CX/CR\$19,000
- 2011 JD 630D, 30'\$58,000
- 2012 JD 635D, 35'\$68,000
- 2010 MacDon, 30', CR/CX\$68,000
- 1998 MacDon 960,\$25,000
- 1998 MacDon 871 TX Adaptor\$6,000
- 2010 MF 5100-35,\$58,000
- 2009 NH 94C, 36 CX/CR\$39,500
- 2008 NH 94C-36,\$39,500
- 2003 NH 94C-36,\$39,500
- 1999 NH 994-30,\$29,500
- 1998 NH 994-36,\$19,000
- 1995 NH SP25\$15,000
- 1997 Westward 9030\$4,000

MOWER CONDITIONER

- 2004 NH 1475, Toung only\$6,500
- 2006 NH 1475,\$21,500
- 2002 NH 1475, Toung only\$2,000
- 1995 NH 2216,\$7,500
- 1995 NH 2216,\$9,500
- 2012 NH H7460\$33,500
- 1999 MF 670 ,16' Hay Head\$10,000

SPRAYER

- 1993 Flexi-Coil S65,\$7,900
- 2003 Flexi-Coil S67,\$19,500
- 2008 NH SF115,\$24,900

SPRAYER/HIGH CLEARANCE

- 2013 NH SP240, 1000 Hrs, 1200 Gal, 100"\$309,000
- 2009 Spraycoupe 4660, 440 gal, 80"\$84,500
- 2008 Miller A75\$139,500
- 2012 NH SP240\$258,000
- 2009 Rogator 1084, 3160 hrs\$159,000
- 2011 JD 4830, 1820 hrs\$218,000

SWATHER

- 2011 MacDon D60, 35'\$34,000
- 2014 NH SR200/440HB\$169,000
- 1999 NH 994, 25'\$15,000
- 2013 MacDon D65, 40'\$49,500
- 2011 MacDon M150, 35'\$118,000
- 2010 MacDon M150, 950 Hrs\$109,500
- 2010 MacDon M150, 2053/1440 hrs\$85,000
- 2010 MacDon M150, 35', 1848/1213 hrs\$85,000
- 2012 MF 9740,\$98,000
- 2003 Premier 2952, 2098 Hrs\$48,000
- 1998 MacDon 960,\$9,500
- 1998 MacDon 960, 25'\$9,500
- 2013 MacDon M155/D6540, 520 hrs\$138,000
- 2007 NH HW325, 1200hrs\$58,000
- 2014 NH SR200\$175,000
- 2013 MacDon M105, 170 Hrs\$138,000

TRACTOR

- 2012 Case IH U105\$59,000
- 2011 Case IH 210, 1290 Hrs,\$148,000
- 2011 NH T7.235,\$145,000
- 2008 NH T6030, 4950 Hrs,\$84,000
- 2012 NH T7.170\$109,000
- 2011 NH T7.170 - LDR, 2005 hrs ..\$119,000
- 2011 NH T7.270 AutoCommand - LDR, 2360 hrs\$178,000
- 2012 NH T7.170\$118,000
- 2009 NH TV6070 - LDR, Eng Hrs: 4660\$95,000
- 2010 NH T7040\$129,000
- 2011 Versatile 305, 1800 hrs\$149,500
- 2010 Kubota BX1860\$9,000
- 2002 NH T7.235, 1819 hrs\$198,000
- 2012 NH T7.235, 2341 hrs\$168,000
- 2006 NH TG215, 4140 hrs\$68,000

TRACTOR 4WD

- 2009 CIH STX535Q, 3103 hrs\$278,000
- 2002 NH TJ450, 9000 hrs\$138,000
- 2012 Versatile 500\$285,000
- 2003 NH TJ450, 3800 hrs\$158,000
- 2012 NH T9.615, 2711 hrs\$268,000
- 2014 NH T9.615, 2364 hrs\$315,000
- 2012 NH T9.505\$339,000
- 1994 NH 9480, 20.8x38 duals\$49,800
- 2013 NH T9.670 , 1090 hrs\$360,000



BOX 89, PARADISE HILL, SK. S0M 2G0
 1-306-344-4448 • 1-877-344-4433
www.novlanbros.com

FEBRUARY 2017

BULL BUYERS GUIDE

**Western
Canada's
BULL SALE
Source**



Wheatland Michelson
Bienfait, Saskatchewan

Wheatland Annual Bull Sale
March 23 '17
At the Farm, Bienfait, SK

Red & Black Simmental - SimmAngus - Angus

WWW.WHEATLANDCATTLE.COM

FEBRUARY 2017

BULL BUYERS GUIDE

TODAY'S

LIMOUSIN



Matthew Heleniak
NORWICH PACKERS, ON

“ Being involved in all aspects of the beef business has taught me that there are many valuable traits that are needed in order to produce healthy, palatable and profitable beef. No breed satisfies as many of these requirements as today's Canadian Limousin, who have now managed to bring docility to what I believe is the most profitable breed in the world.”

**AMAGLEN LIMOUSIN**

Ian & Bonnie Hamilton
Darlingford, MB 204.246.2312
amaglen@inetlink.ca
www.amaglenlimousin.ca
Bulls for sale by private treaty and
Manitoba Bull Test, April 1st

ANDREW RANCHES

Greg Andrew / Tim Andrew
Tilley, AB / Youngstown, AB
403.633.6337 / 403.854.6335
Bull Sale March 14th, Brooks, AB

BAR 3R LIMOUSIN

The Rea Family Marengo, SK
306.463.7950 / 306.968.2923
r3bar@hotmail.com
Bull sale March 16th, Oyen, AB

EXCEL RANCHES

Ron & Barb, Cody & Amy Miller
Westlock, AB
Ron 780.349.2135
Cody 780.349.0644
excelranches@hotmail.com
www.excelranches.com
Excellence Bull Sale March 9th at
the farm, Westlock, AB

HIGH CATTLE COMPANY

Darren & Chase High
Airdrie, AB
Darren 403.860.1087
Chase 403.808.7940
darren@highcattlecompany.com
Bulls sell by private treaty

HIGHLAND STOCK FARMS

The Matthews Family
Bragg Creek, AB 403.585.8660
www.highlandstockfarms.com
Bull Sale March 18th, Bragg Creek, AB

HILLVIEW FARMS

Raymond & Corine, Colin & Tessa
Verbeek Morinville, AB
Ray 780.939.2173
Colin 780.982.1676
crverbeek@xplornet.ca
www.hillviewfarmslimousin.com
On farm bull sale March 4th,
Morinville, AB

LAZY S LIMOUSIN

Stan & Ty Skeels & Vykki Johns
Rimbey, AB 403.704.0288
lazyslimousin@telus.net
Bull sale March 25th, Rimbey, AB

**JAYMARANDY LIMOUSIN/
JAYMARANDY LIVESTOCK**

Len & Ruth Angus and Family
Roblin, MB
204.937.4980 / 204.281.5099
jaymarandy@gmail.com
www.jaymarandy.com
Western Gateway Bull Sale
April 4th, St. Rose Du Lac, MB

PINNACLE VIEW LIMOUSIN

Swaan & Kishkan families
Quesnel, BC
250.747.2618 / 250.991.6654
kishkan@quesnelbc.com
www.pvlimousin.com
Bulls sell in Peace Country Bull Sale
April 4th, Dawson Creek, BC

NORDAL LIMOUSIN

Rob Garner
Simpson, SK 306.946.7946
nordallimousin@sasktel.net
www.nordallimousin.com
Bull Sale Feb. 16th, Saskatoon, SK

R & R ACRES

Randy & Rhonda Bollum
Airdrie, AB
403.948.4768
randy@limousinleader.com
www.limousinleader.com
16th "Beefmaker" Bull Sale
Feb. 4th at the ranch

RICHMOND RANCH

Jim & Stephanie Richmond
Rumsey, AB
403.368.2103
bulls@richmond ranch.com
www.richmond ranch.com
Bull sale March 11th at the ranch,
Rumsey, AB

SYMENS LAND & CATTLE CO.

James & Laura Symens
Claresholm, AB
587.728.1004 / 604.880.7515
symens@platinum.ca
Bull sale Mar. 17th,
Claresholm, AB



LIM-FLEX
LIMOUSIN-ANGUS HYBRID

**CANADIAN
LIMOUSIN**
~ ASSOCIATION ~

#13, 4101-19 STREET NE
CALGARY, AB T2E 7C4

PHONE 1.403.253.7309
TOLL-FREE 1.866.886.1605
FAX 1.403.253.1704
EMAIL limousin@limousin.com
WEB www.limousin.com



Western Canada's Comprehensive Bull Buyers Guide

FEBRUARY 2017

BULL BUYERS GUIDE

APRIL 10, 2017 23RD ANNUAL RED ANGUS YEARLING BULL SALE

there are only **3**
 THINGS YOU CAN COUNT ON IN LIFE

1 DEATH.....

2 TAXES.....*and,*

3 OUR CUSTOMER SERVICE

Please make plans to join us on Monday, April 10

We invite you to our 23rd Annual Yearling Red Angus Bull Sale at the ranch near Kisbey, Saskatchewan. The complete group of winter-born bulls sells at this spring event. As always, please join us to enjoy our brand of hospitality.

You can come in the car, we'll take care of the rest.

79% REPEAT CUSTOMERS SUPPORTED OUR 2-YEAR-OLD BULL SALE
 THANK YOU BIDDERS AND BUYERS

Moose Creek

R E D A N G U S

DARREN IPPOLITO • KISBEY SASKATCHEWAN
 TEL 306-577-8970 EMAIL moose.creek@sasktel.net

[f](https://www.facebook.com/moosecreekredangus) [i](https://www.instagram.com/moosecreekredangus) www.moosecreekredangus.com

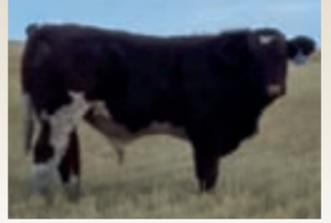
FEBRUARY 2017

BULL BUYERS GUIDE

Manitou Maine-Anjou (since 1970)

We raise the real Maine-Anjou cattle!

2016 Calves



3/4 Maine cow 7/8 calf



Sired by fullblood bulls



Maine angus

“SERIOUSLY” THE ULTIMATE BREED FOR ANY CROSSBREEDING PROGRAM

- on Chars for super buckskins
- on Hfds for dark red with goggle eye
- on Angus for solid red or black
- on Simmental for super simmies

**Best selection of Maine bulls in Canada
all sold privately off the farm**

CALL US, YOU’LL BE GLAD YOU DID!

GARY & SANDY GRAHAM, MARSDEN, SK.
manitoumaineanjou.ca

(306) 823-3432 C (306) 830-0883
grahamgs@sasktel.net



Justamere M.A.G.A. 105D
EXAR PAY STUB X SQ CREDENCE

After a tremendous Fall Season, we want to thank our many great customers across North America.

The bulls in this sale represent generations of Calving Ease, Growth to Weaning, Maternal and Carcass Superiority.

Sire Groups Represented
74-51 Sudden Look, Sonkeys Justified 101, EXAR First Impression, C&C McCalla, Vin Mar Johnny Cash, Bruns Archer, Justamere Washington and Justamere Cash In.

CALL JON FOR MORE DETAILS ABOUT OUR *Have to be Different Bull Pen*

Justamere Box 320, Lloydminster, SK S9V 0Y2
Office: 306-825-9702
Jon's cell: 780-808-6860
W: www.justamereranches.com

FREE DELIVERY | SEMEN TESTED | FULLY GUARANTEED | VOLUME DISCOUNTS AVAILABLE

Justamere

22ND ANNUAL BULL SALE

Monday, April 10, 2017 * 1 PM
At the farm, Lloydminster, SK

Guest Consignors... Running Steady Ranch & Still Meadows Ranch

On Offer Black Angus Bulls
- 45 Powerful Yearling & 5 Two Year Old Bulls
- 2 Embryo Lots & 2 special Semen Packages
- 100 Customer Commercial Open Angus based heifers



Justamere South Dakota 833C
MOHNE SOUTH DAKOTA X EXAR RAVEN

FEBRUARY 2017

BULL BUYERS GUIDE



Peak Dot Ranch Ltd.

Spring Bull Sale

Wednesday, April 5, 2017

At the Ranch, Wood Mountain, Saskatchewan

200 BULLS

Heifers for Sale... Peak Dot Ranch has registered Angus heifers for sale by private treaty. This is a seldom offered chance to acquire some of the top females from our program. This is a perfect set of heifers for anyone wanting to start a new Angus herd, or strengthen an existing one. Contact Peak Dot Ranch for more information on this opportunity.

View a complete list of the Private treaty heifers at: www.peakdotranch.com

A reputation source for Angus seedstock that have been bred for performance, maternal traits and superior phenotype. Featuring large sire groups, calving-ease bulls and affordable genetics for the cowman. Free delivery in a 500 mile radius of the ranch.

Over 75% of these bulls selling are calving ease bulls with superior performance that will work well on heifers.

PEAK DOT NO DOUBT 101D



Hoover No Doubt X SAV Iron Mountain 8066
BW: +3.0 WW: +67 YW: +114 M: +26 BW: 84 205 WT: 1025

PEAK DOT NO DOUBT 60D



Hoover No Doubt X SAV Radiance 0801
BW: +3.3 WW: +79 YW: +131 M: +34 BW: 84 205 WT: 1007

PEAK DOT NO DOUBT 51D



Hoover No Doubt X Vision Unanimous 1418
BW: +4.4 WW: +72 YW: +122 M: +24 BW: 86 205 WT: 863

PEAK DOT NO DOUBT 81D



Hoover No Doubt X Duff Encore 702
BW: +2.1 WW: +72 YW: +120 M: +25 BW: 84 205 WT: 910

PEAK DOT NO DOUBT 235D



Hoover No Doubt X Basin Prime Cut 354K
BW: +2.7 WW: +66 YW: +106 M: +23 BW: 87 205 WT: 850

PEAK DOT NO DOUBT 69D



Hoover No Doubt X SAR New Trend 4100
BW: +3.2 WW: +70 YW: +114 M: +29 BW: 87 205 WT: 936

PEAK DOT EASY DECISION 5D



Bushs Easy Decision 98 X Vision Unanimous 1418
BW: +1.4 WW: +85 YW: +139 M: +27 BW: 70 205 WT: 902

PEAK DOT EASY DECISION 34D



Bushs Easy Decision 98 X SAV Iron Mountain 8066
BW: +3.2 WW: +82 YW: +128 M: +22 BW: 82 205 WT: 922

PEAK DOT EASY DECISION 30D



Bushs Easy Decision 98 X SAV 004 Predominant 4438
BW: +4.3 WW: +86 YW: +138 M: +30 BW: 85 205 WT: 1019

PEAK DOT ELEMENT 102D



4M Element 405 X Stevenson Bruno 6371
BW: +2.5 WW: +76 YW: +123 M: +35 BW: 84 205 WT: 1025

PEAK DOT ELEMENT 73D



4M Element 405 X Peak Dot Pioneer 9X
BW: +2.6 WW: +81 YW: +129 M: +33 BW: 84 205 WT: 965

PEAK DOT ELEMENT 86D



4M Element 405 X SAV Iron Mountain 8066
BW: +2.6 WW: +76 YW: +126 M: +32 BW: 80 205 WT: 949

View Sale Book and Sale Cattle Photo Gallery at www.peakdotranch.com
or phone Carson Moneo 306-266-4414 Clay Moneo 306-266-4411 Email: peakdot@gmail.com

Western Canada's Comprehensive Bull Buyers Guide

FEBRUARY 2017

BULL BUYERS GUIDE**LLB Angus** 31TH ANNUAL **BULL & FEMALE SALE**
at the farm Erskine AB **MARCH 11, 2017****Offering over 700 head of Quality Black & Red Angus Cattle**

• 150 yearling bulls • 100 two year old bulls • 100 yearling heifers • 300 commercial heifers • 50 commercial bred heifers

**Black & Red Yearling Bulls****Commercial Heifers****Black & Red Two year old Bulls**LEE, LAURA & JACKIE BROWN TRISH & TIM HENDERSON
Phone: 403-742-4226 Fax: 403-742-2962Contact us for a sale catalogue
llbangus@xplornet.comBox 217, Erskine, Alberta T0C 1G0
catalogue online www.llbangus.com14th Annual**Who's Your Daddy**
Bull Sale**Thursday April 6, 2017 – 1:00 PM**

Saskatoon Livestock Sales, 306-382-8088



Catalogue online at all three websites

Sale bull videos at www.youtube.com/whosyourdaddybull**WE KNOW OUR BULLS HAVE TO BE BETTER JUST TO GET YOUR ATTENTION!**

That's why we cull hard and only sell 50 bulls a year. These are the top cut from over 400 purebred Shorthorn cows. Thick, rugged, BEEF BULLS that are bred to handle the harsh conditions of Western Canada. Also on offer a select group of open replacement heifers.

For more information or a catalogue contact:

Saskvalley Stock FarmCarl Lehmann 306-232-3511
www.saskvalleyshorthorns.com**Bell M Farms**Richard Moellenbeck 306-287-7904
www.bellmfarms.com**Muridale Shorthorn**Scot Muri 306-741-6833
www.muridale.com

Western Canada's Comprehensive Bull Buyers Guide

FEBRUARY 2017

BULL BUYERS GUIDE

Progeny sells:

AI Sire



RB TOUR OF DUTY 177
ORTgen

Sire: Warner War Party 2417 BW WW YW MILK TM
MGS: Vermilion Dateline 7078 2.4 67 122 33 67



BROOKING STIMULUS 332

Sire: Connealy Stimulus 8419 BW WW YW MILK TM
MGS: SAC 004 Density 4336 0.2 42 76 28 49



DURALTA 307R
UPDRAFT 45A

Sire: SITZ Upward 307R BW WW YW MILK TM
MGS: KMK Alliance 6595 187 2.5 69 115 31 66



KBJ PREDO 105A

Sire: Atlasta Predominant 31W BW WW YW MILK TM
MGS: FRL Traveler 416 2.5 38 74 22 41



FV MANDATE MAN 146Y

Sire: Sydgen Mandate 6079 BW WW YW MILK TM
MGS: FV 20K King 308M 2.2 53 101 22 49

14th Annual SPADY BULL SALE

* NEW SALE DATE

Thursday, March 30th, 2017

Selling
120 Black Angus Bulls

1:30 pm at the Ranch Alliance, AB

Rivercrest Valleymere

Visit our websites for more details or give us a call.

www.rivercrestangus.com

www.valleymereangus.com

Craig Spady 403-740-4978 Tom Spady 780-879-2180

Travis Spady 780-879-2298

Brian Spady 780-879-2110

FEBRUARY 2017

BULL BUYERS GUIDE

Video Sale
TUESDAY • MARCH 21
 1:30 PM • AT THE FARM • CARIVALE, SK
2017
 OFFERING 50 YEARLING BULLS
catalogue online at
 WWW.GILLILANDBROSCHAROLAIS.COM



DBLG 336D | SUNBURST 21Y X GOVERNOR 624Y
 CE: 89.4 BW: -0.6 WW: 40 YW: 89 M: 25 TM: 45
 BW: 79 LBS WW: 750 LBS



RGCG 705D | HAWG WILD 861A X SYNDICATED 138P
 CE: 65.7 BW: 1.0 WW: 48 YW: 86 M: 17 TM: 41
 BW: 95 LBS WW: 855 LBS



RGCG 724D | ESCOBAR 429B X SYNDICATED 138P
 CE: 78.9 BW: 0.4 WW: 40 YW: 83 M: 22 TM: 42
 BW: 102 LBS WW: 830 LBS



RGCG 714D | BAR PUNCH 901W X SPECIALIST 108U
 CE: 71.6 BW: 2.3 WW: 40 YW: 76 M: 14 TM: 35
 BW: 75 LBS WW: 820 LBS



RGCG 750D | GOVERNOR 624Y X REDZONE 211S
 CE: 62.7 BW: 2.2 WW: 54 YW: 105 M: 24 TM: 51
 BW: 103 LBS WW: 770 LBS

GILLILAND BROS.
Charolais Bull Sale
 "THE RECIPE FOR MAKING GOLD & SILVER"

For more info or a catalogue contact
 GREG GILLILAND
 C: 306-482-7160 • H: 306-928-4841
 RON GILLILAND
 C: 306-482-8089 • H: 306-928-2118

Canada's Red, White and Black Bull Sale

March 18, 2017 • 1:30 PM

Johnstone Auction Barn, Moose Jaw, Saskatchewan

90 Bulls on Offer

Breeds Represented:

Polled Hereford & Horned Hereford
 Red Angus & Black Angus

Limousin Charolais Simmental
 Hybrids



- Lone Pine Cattle Services
- Bieber Herefords
- LV Farms
- Mission Ridge Herefords
- GWG Polled Herefords
- OVHF
- Six South Acres
- Wascana Cattle Company
- HMS Hi-Cliffe
- Eden Meadows Farm
- Blue Sky
- Charolais
- Kenneth Craig
- Coulee Crossing Cattle Company
- Triple H Cattle Co
- Wes Glennie
- Flying F Ranch
- Clipper Cattle Co

Check canadaredwhiteblackbullsale.weebly.com for more information regarding the final list of contributors and the bulls consigned. Follow the sale on Facebook for updates!



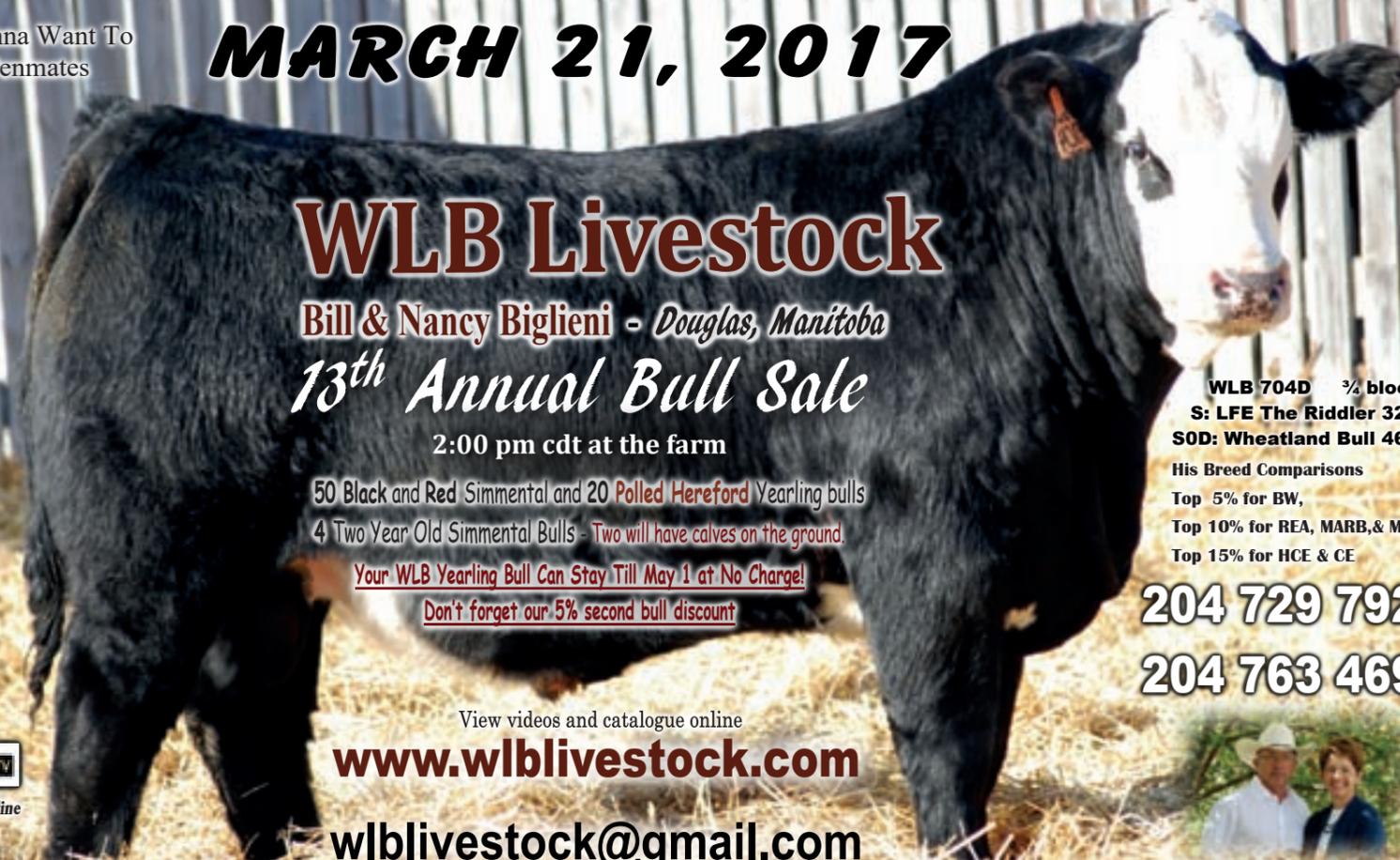
For information regarding Canada's Newest Bull Sale please contact Rob O'Connor, Lone Pine Cattle Services Telephone (306) 550-4890

FEBRUARY 2017

BULL BUYERS GUIDE

Just One Of The Good Ones To Choose From
MARCH 21, 2017

Your Gonna Want To See His Penmates



WLB Livestock

Bill & Nancy Biglieni - Douglas, Manitoba

13th Annual Bull Sale

2:00 pm cdt at the farm

50 Black and Red Simmental and 20 Polled Hereford Yearling bulls

4 Two Year Old Simmental Bulls - Two will have calves on the ground.

Your WLB Yearling Bull Can Stay Till May 1 at No Charge!

Don't forget our 5% second bull discount

WLB 704D ¾ blood
 S: LFE The Riddler 323B
 SOD: Wheatland Bull 462P

His Breed Comparisons

Top 5% for BW,

Top 10% for REA, MARB, & MCE

Top 15% for HCE & CE

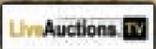
204 729 7925

204 763 4697

View videos and catalogue online

www.wblivestock.com

wblivestock@gmail.com



Register to Bid Online



Wheatland Cattle Co.

Wheatland Annual Bull Sale

March **23** '17

At the Farm
 Bienfait, SK

Selling Red & Black Simmental, SimmAngus
 and Angus Bulls
 plus Customer Commercial Heifers



dedicated to make a GENETIC DIFFERENCE for you



Vernon, Denise
 Riley & Cody-Ray Lafrentz
 Box 118, Bienfait, SK S0C 0M0
 P: 306-634-7765 C: 306-421-2297
 Riley: 306-461-8200 or 620-960-7738
 Cody-Ray: 306-461-8199

Sale Managed By:



Chris Polay 306-220-5006
 Shane Michelson 403-363-9973
 Ted Serhienko 306-221-2711
 Ben Wright 519-374-3335

view the catalogue online at
www.wheatlandcattle.com
 or www.bleyagro.com

FEBRUARY 2017

BULL BUYERS GUIDE



Remital F Rage 9A – 25 Sons Sell

CATTLEMAN'S CONNECTION

BLACK ANGUS BULL SALE

March 3, 2017 – 1:00 PM

Heartland Livestock Yards, Brandon, MB

Selling 140 Yearling Bulls & 2 Long Yearling Bulls

Whether you are looking for calving ease for heifers or performance bulls for your cows, these programs are producing it all, moderate birth weights, explosive growth, muscle shape, volume and style with strong maternal traits. These are bulls that can improve both commercial and purebred programs, as in the past there are many of these bulls whose birth weights and birth EPDs would indicate they could be used on heifers but still with the performance to do a job on cows.

*All Bulls: Semen Tested, Performance Tested
View Sale & bid online @DLMS.ca
View Catalogue online www.everything_angus.com*



HBH & AIREY CATTLE CO.
Barb & Raymond Airey
Rivers, MB
204.566.2134 • 204.761.1851
rbairey@hotmail.com

BROOKMORE ANGUS
Barb Hart
Derrick Pilatic
Brookdale, MB
204.841.5466

Guest Consignor:
WILD WEST ANGUS
Jaceline & Willem Klessens
Altona, MB
204.304.1750



South View Ranch

Offering 90+
Red and Black Angus Yearling Bulls

THURSDAY,
APRIL 13, 2017

Red SVR Bailout 94B



Red Clay Bandit 187A aka "Hitch"



Pie The Cowboy Kind 343



Brooking Eclipse 4050



DFCC TX Turbo Charge 36A



Vision Unanimous 1418



"Other Sire Groups"

- Red T-K Bailout 1Z
- Red Crowfoot 187X
- Red U-2 Mama's Boy 201B
- Red Crowfoot Busted 404B
- Geis Kodiak 115'09
- S A V Eliminator 9105
- Sandy Bar Objective Trend 17Z
- SVR Tiger 360B
- SVR Tiger 374B
- BCAR Cedar Ridge 4019

Keith & Linda Kaufmann
Box 130, Ceylon, SK S0C 0T0
306-454-2730 Fax 454-2643
svr@sasktel.net



Shane & Alexis Kaufmann & Family
Box 40, Ceylon, SK S0C 0T0
306-454-2688
sakaufmann.svr@sasktel.net

www.southviewranch.com



FEBRUARY 2017

BULL BUYERS GUIDE




MARCH 10
1PM - 2017

Innisfail Auction Mart, Innisfail, Alberta

YEARLING & EXTRA AGE BULLS AND COMMERCIAL HEIFERS



BRITAIN FARMS KELLY & COLLEEN BRITAIN FALUN AB
TEL 780.352.0676 CELL 780.387.6446 WWW.BRITAINFARMS.COM

JACE CATTLE JASON & TAMARRA MUHLBACH BOTHA AB
CELL 403.740.2526 EMAIL JACECATTLE@HOTMAIL.CA

BNH LIVESTOCK BRAD & NICOLE HOLLMAN INNISFAIL AB
TEL 403.588.3916 CELL 403.896.8851 EMAIL BNHOLLMAN@GMAIL.COM

SATURDAY APRIL 15TH 2017 12:00 SHARP

39th Annual
SHORT GRASS
BULL & FEMALE SALE



OFFERING:

- ★ 180+ Black Angus Yearling Bulls
- ★ 40 "Fancy" Purebred Yearling Heifers
- ★ 400+ "One Iron" Commercial Yearling Heifers
- ★ Thank you to all our past and present customers!

SALE AT THE RANCH, ANEROID, SK

www.SandyBarAngus.com



GUEST CONSIGNORS:

 Bob & Gail Switzer H: 306-588-2545 C: 741-7706 sandybarangus@gmail.com	Day By Day Angus Stan & Sherry Day Val Marie, SK H: 306-298-4417 C: 306-298-7664	 Beau, Ashley, Tate & Tilly Switzer Lac Pelletier, SK H: 306-627-3444 C: 306-741-6605 valleyblossomranch@gmail.com
Kyle, Tara, Sam & Lane Switzer 403-741-4203 Bailee Switzer 306-741-7241	Deer Hill Ridge Angus Farm Leon, Sharon & Courtland White Fiske, SK H: 306-377-4603 C: 306-831-9322	

FEBRUARY 2017

BULL BUYERS GUIDE

EASY RAY ANGUS BULL SALE

14th Annual

Easy Ray ANGUS

Wednesday, March 8, 2017
Perlich Brothers Auction Mart, Lethbridge, AB.

Easy Ray Impact 50D



BW 86 LBS. EPD BW+2.4 WW+58
YW+102 MILK+19 TM+50

Easy Ray Answer 142D



BW 94 LBS. EPD BW+3.4 WW+57
YW+113 MILK+22 TM+50

65 Black Angus Yearling Bulls
(All Black Bulls have been i50K Zoetis Tested)

Easy Ray Bulls can be seen anytime at the Ranch,
3 miles east of Raymond and 3 miles south.

Join us for
lunch
before the
Sale!

*Coffee is always on!
Please phone
for a catalogue.*

EASY RAY ANGUS
Raymond, AB
George Hofer - 403.892.0291
easyrayangus@gmail.com

Guest Consignors
BRENT BREWIN 403.382.9164
10 RED ANGUS YEARLING BULLS
60 RED ANGUS CROSS YEARLING HEIFERS
REID HEGGIE 403.382.0686
10 SIMMENTAL YEARLING BULLS

Lauron Red Angus

26th Annual Bull & *Select Female Sale*
Saturday April 1, 2017 1pm

★ **50+ Yearling Red Angus Bulls**
Powerful Herdsire Prospects, Calving Ease Specialists



**Red Lauron
BLOCK BUSTER 78B**
Sons Sell!

Other Feature Sires:
Red Bieber Rollin' Deep Y118
Red Windy Hill Zepplin 1240Z
Red Lauron Scenic Route 8Y ...and more!



★ **Select open females**



At the Sale barn 5 miles east of the
Didsbury overpass off QE II on
Highway 582

Guest Consignors



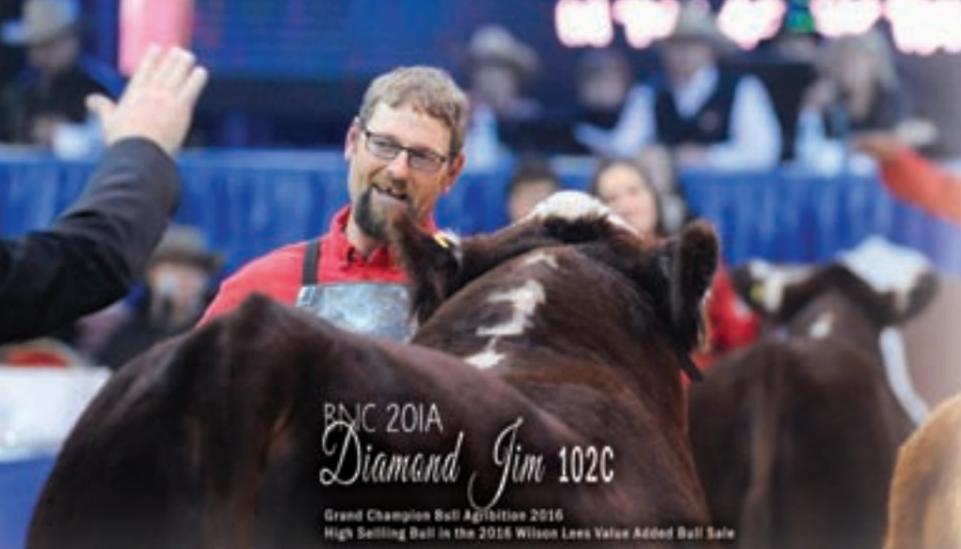
Ric & Linda Arthurs
Home 403-337-2476
Cell 587-226-6411

The Hunters




Ron & Laurie, Jared & Garilyn, Ryan, Travis
Home- 403.335.9112 | lauron@xplornet.com
Ron's cell- 403.994.1623
Laurie's cell- 403.994.1686
Jared- 403.507.1030

www.lauronredangus.com



BMC 2016
Diamond Jim 102C
Grand Champion Bull Agribition 2016
High Selling Bull in the 2016 Wilson Lees Value Added Bull Sale



HAROLDSON'S APOTHIC ET 26D
Haroldson's Apothic x Haroldson's H.L. Angus



GLENLEES 27B VENGEANCE 77D
H.S. Manchester Easy Bull x G.H. Spence



HAROLDSON'S UPGRADE T100 33D
DAF Taber x Michael Raymond



BLAIR-ATHOL 10Y ESQUIRE 98D
H.H. Hornum x Legend Bull



BLAIR-ATHOL 10Y REUNION 36D
H.H. Hornum x Blair-Athol Bull Dress



C&T 7B DOUBLE D 11D
Straw-hat Start 7B Up x Phil Vester Bumper

Wilson Lees

Value Added Bull Sale

Friday, April 7, 2017
Right Cross Ranch Sales Facility, Kelsey, SK
2 PM sale start time

5% Volume Discount on 2 or more bulls
Free Delivery within 300 miles

Blair Athol Farms
Duncan & Val Lees
306-455-2619
306-577-9703
Jeff & Grace Lees
306-577-1375
www.blairatholfarms.com

Haroldson's Polled Herefords
Chad Wilson
306-577-1256
www.haroldsons.com

Glenlees Farm
George Lees
306-455-2612
Corey & Tasha Lees
306-455-2714
306-577-9971
www.glenlees.com

C&T Cattle Co.
Chris & Tina Lees
306-455-2605
306-577-7370
Kurt Lees
306-421-8318

For more information or catalogues contact
T Bar C Cattle Co. Ltd
306-933-4200 - info@tbarc.com

FEBRUARY 2017

BULL BUYERS GUIDE

SUMMIT 3 SPECKLE PARK SALE

1:30PM, SUNDAY, APRIL 2, AT CODIAK ACRES, ARDROSSAN, AB



Offering the largest selection of 2-year-old and yearling Speckle Park bulls in North America, along with top heifer prospects and premier genetic opportunities.

PRESENTED BY CODIAK ACRES, RIVER HILL FARM, COLGAN'S CATTLE CO

WWW.SUMMIT3SALE.COM



TOWAW BULLS ARE PUT TO A HARDER TEST



3 EXAMS

CULLING EVALUATIONS TO PASS

only 50% of our bulls make it through

PROVEN PERFORMANCE

real data to back up EPDs

SET THE CURVE

MANAGED IN LARGE GROUPS, WITH LOTS OF EXERCISE
fed to find the bulls that excel,
not the lowest "common denominator"

WORK ETHIC

MOTHERS WHO HAVE PROVEN THEIR VALUE FOR 45 YEARS
from a cow herd that is strictly culled, and run
as tough as commercial customers' herds are

MISSION STATEMENT

"Produce genetics that can withstand real-world pressure that
will economically impact commercial cow herds."



1 APRIL 2017 AT SANGUDO AB
38TH ANNUAL BULL SALE



RAINBOW RED ANGUS

DAVE BABLITZ & FAMILY
Cherhill, Alberta

Dave (780) 785-9115

Kolby (780) 778-1435

Facebook /RainbowRedAngus

www.rainbowredangus.com

TOWAW CATTLE CO

THE WILDMAN FAMILY
Sangudo, Alberta

Dave & Gail (780) 785-2091

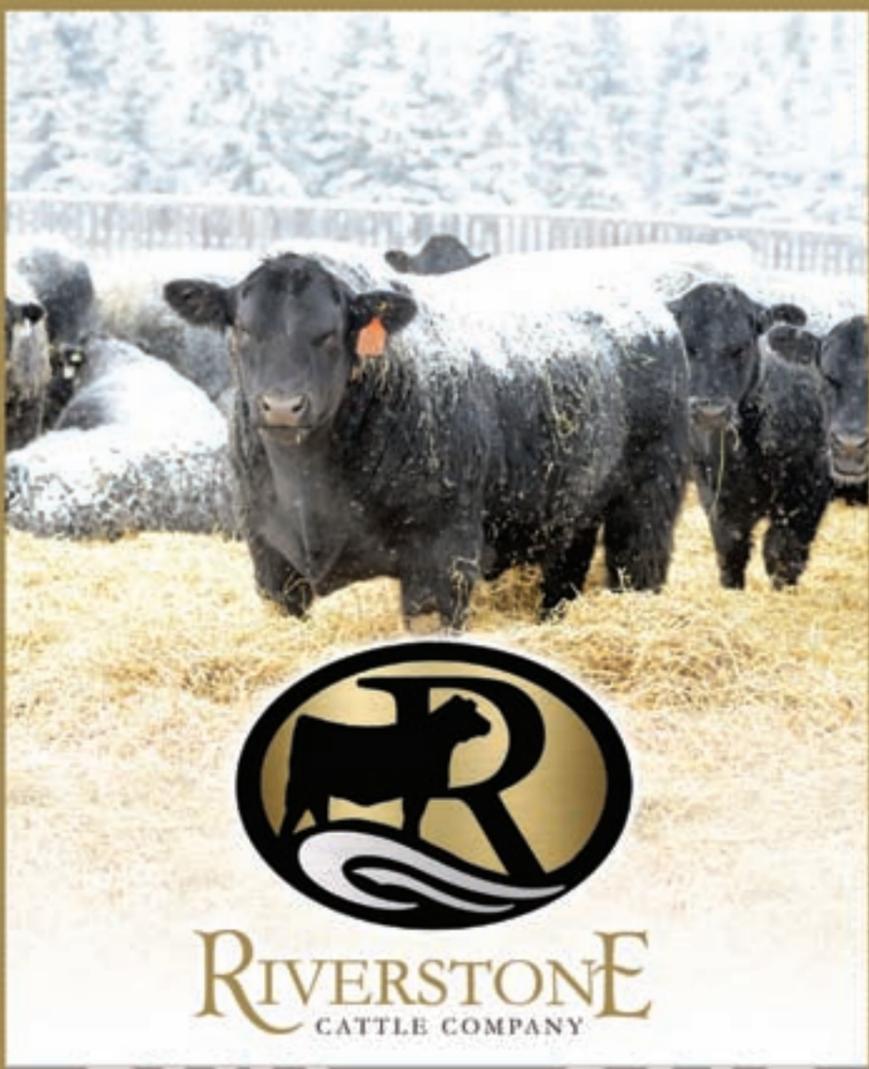
Kirk & Jill (780) 785-3772

e-mail kiwild@xplornet.com

www.towawcattle.com

FEBRUARY 2017

BULL BUYERS GUIDE



RIVERSTONE
CATTLE COMPANY

BULL 03.27.17 SALE

OLDS ALBERTA CANADA • 1PM

OFFERING 60 ANGUS, LIMOUSIN & LIM-FLEX BULLS
2 YEAR OLDS • LONG YEARLINGS • YEARLINGS



angus
sires represented
SAV HERITAGE
SAV HARVESTOR
HF REBEL
HF KODIAK
D.S MARVEL
HIGHLAND MARVEL 80Z



limousin
sires represented
PBR5 332Z
MAGS WAR ADMIRAL
TMCK DURHAM WHEAT
WULFS ZILLION BUCKS



visit our website to download
the catalog & view sale videos



TIM & KIM MATTHEWS & FAMILY • OLDS, ALBERTA • 403.556.5744
www.riverstonecattle.com

COYMAN'S Advantage
SHORTHORN BULL SALE
APRIL 1, 2017 @ 1:00PM
INNISFAIL AUCTION MARKET
INNISFAIL, AB
Contact Don Savage at (403) 948-3520
www.donsavageauctions.com
Bid Online
DLM www.dlms.ca/

ALBERTA Shorthorn ASSOCIATION
Ph: 1-800-387-6909 albertashorthorn@gmail.com
Box 939 Castor, AB T0C 0X0 www.albertashorthorn.com

RODGERS RED ANGUS
"RANGE RAISED FOR RANGE USE!"
Est. 1971

44th Performance Bull Sale
60+ Yearling Bulls
April 11th, 2017 | 1^{pm}
Perlich Bros. Auction Market
Lethbridge, Alberta

FEATURING: Open red heifers (NVB) from James Brilman originally from Rodgers Red Angus & Open red heifers from Jason Slomp

SHAWN: 403.642.2041 | 403.421.0162
1.877.888.BULL | bandkr@live.ca
PERLICH BROTHERS: 403.329.3101
www.rodgersredangus.com

• COMPLIMENTARY LUNCH • \$250 BULL CREDIT • FREE DELIVERY

FEBRUARY 2017

BULL BUYERS GUIDE

DIAMOND W CHAROLAIS & RED ANGUS

15th Annual Tuesday, March 21, 2017 • 1:30 PM
Bull Sale VALLEY LIVESTOCK SALES, MINITONAS, MB



SPARROWS CHITEK 930W



MERIT ROUND-UP 9508W



RED CROWFOOT MOONSHINE 8081U



SPARROWS MARCELLUS 398A

Selling: **60 BULLS**

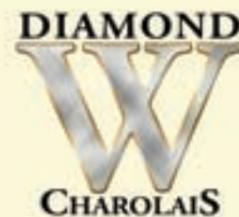
45 CHAROLAIS Two Year Olds & Yearlings
15 RED & BLACK ANGUS Two Year Olds & Yearlings

Our bulls will work for you:

- Big, Solid Bulls that can Cover Pastures • Lots of Hair – Full of Meat
- More Bull for Your Dollar • Semen Tested and Ready to Work!
- Performance Tested • Good Feet, Structurally Sound, Easy Flething

Commercial Consultants: Clayton Hawreliuk, Heartland Livestock, Yorkton, SK, 306-621-3824;
Ron Reed Livestock, Lethbridge, AB, 403-625-0233
Valley Livestock Sales: Randy Hart, 204-734-8624

Sale broadcast live on **DLMS.ca**



Ivan, Ethel & Orland Walker
Box 235, Hudson Bay, SK S0E 0Y0
T 306-865-3953
C 306-865-6539
diamondw@sasktel.net

SALE MANAGER:



306-584-7937
Helge By 306-536-4261
Candace By 306-536-3374
charolaisbanner@gmail.com

Stop by the farm anytime and have a look • View the bulls online at www.bylivestock.com

TWO NEW HERDSIRES ON THE HORIZON.
SONS AND DAUGHTERS WILL HIGHLIGHT THE SALE.

25th ANNUAL



U2 Nighthtrain 422A

(Youngdale Exclusive X Masterplan)
He is siring powerful cattle with extra depth of rib and a great hair coat. His first 4 daughters to sell at auction averages \$7375.



Peakdot Unanimous 743B

(Vision Unanimous X SAV Eliminator)
Topselling bull at Peakdot in 2015 at \$55,000. His first set of calves came with nice BW, modest frames, ease of flething and good feet. Will see heavy service at Everblack as he bred over 65 head naturally in 2016.

COMMON SENSE BULL SALE

Monday, March 28, 2016 | 2PM
North Central Livestock | Vermilion, Alberta
Steak fry and social following the sale.



Everblack Annie 28C - (Sired by Nighthtrain 422A)
A special thank you to Bar-E-L Angus for making Annie the top selling female at the 2016 Northern Select at \$16,000.

****OFFERING 110 LOTS****
70 TWO-YEAR-OLD ANGUS BULLS
25 YEARLING ANGUS BULLS
15 YEARLING ANGUS HEIFERS

Sale Managed by:
Optimal Bovines Inc.
Rob Holowaychuk
780.916.2628

Guest Consignor:
Allandale Angus
Wayne Stetson
780.853.7523

View catalogue online at:
www.optimalbovines.com
www.cattlemanagement.ca
www.dlms.ca



www.everblackangus.com

Ernest & Judy Gibson
& Family
780.853.2422

Ryan, Amanda & Hayes
780.853.7836
ryangibson@everblack.ca

Jordan, Kristen & Sullivan
780.581.1159
jordangibson@everblack.ca

FEBRUARY 2017

BULL BUYERS GUIDE



JOHNSON LIVESTOCK
CENTURY FARM

BULL SALE - AT THE FARM - THURSDAY, MARCH 16, 2017 - 1:00 PM

150 BULLS ON OFFER



*Over 50 sons of S A V Renown, as well as sons of his full brothers, Resource and Rito 1439.
Fall bulls and yearlings, many suitable for heifers.*



ANDREW CELL • 306-736-7393 • CALL OR TEXT

DAVID CELL • 306-736-8631

email: johnsonlivestockangus@gmail.com • instagram: [johnson_livestock](https://www.instagram.com/johnson_livestock)

WWW.JOHNSON-LIVESTOCK.COM

Sale Managed By: T Bar C Cattle Co. Ltd.

Chris: 306-220-5006 Shane: 403-363-9973 Ted: 306-221-2711 Ben: 519-374-3335

Western Canada's Comprehensive Bull Buyers Guide

FEBRUARY 2017

BULL BUYERS GUIDE

**VISITORS
WELCOME!!**
Drop by anytime
to check out
the cattle.

PUREBRED RED ANGUS & ANGUS/SIMMENTAL CROSS CATTLE

TRENDSETTER BULL & SELECT REPLACEMENT HEIFER SALE

March 25th , 2017 | *At the Ranch - Hand Hills Lake , Alberta*



Off spring on offer from -
RED ML HUSTLER 272Z

Sire of Red Shiloh Cannon Fire 8C
& Red Shiloh Defender 6D the
2015 and 2016 Canadian Angus Association
Bull Calf Champions.



Off spring on offer from -
**RED WILDMAN
CHUCK NORRIS 012X**

Sire of the 2016 Canadian
Red Roundup Champion Bull Calf.

Other Sires Represented: Red Shiloh Actively Loaded 81A, Red Redrich Bumper Crop 336B,
Red GJP Thor 255A & Red Shiloh Badlands 7B

40 Red Angus Bulls and Angus/Simmental Cross Bulls & Red and Black Replacement Heifer Packages on Offer.

★ **2016 ALBERTA ANGUS ASSOCIATION'S PUREBRED BREEDERS OF THE YEAR** ★

shilohcattle@netago.ca
www.shilohcattle.com



Visit us on FACEBOOK

Blake Morton - 403-820-4162
Darcy Olesky - 403-820-1830
Alisha Minchau (Herdsman) - 403-857-9563
Home - 403-665-2023

RR #3 :: CRAIGMYLE :: ALBERTA, CANADA :: T0J 0T0

FEBRUARY 2017

BULL BUYERS GUIDE

EG ^{3rd Annual} Elite Genetics Bull Sale

WEDNESDAY MARCH 22ND, 2017 1:00 PM

RSK Farms Sale Barn – 5 miles north of Douglas, MB

2 Year Old Bulls - Yearling Bulls - Replacement Females **LiveAuctionsTV**

Full info and Videos will be online

**LEVELDALE POLLED
HEREFORDS**

 The Allisons
 Doug & Faye: 204-763-4343
 Cody: 204-720-2446
 leveldale@hotmail.ca
 www.leveldale.ca

RSK FARMS

 The Kopeechuks
 Andrew: 204-573-9529
 Rae & Stephanie: 204-763-4459
 rskfarms@hotmail.com
 www.rskfarms.ca

**ARTHUR POLLED
HEREFORDS**

 The Arthurs
 Tyler and Natasha
 Tyler: 306-485-8996
 arthurpolledherefords@sasktel.net

First Annual Bull Sale



Tanna's Ranches

March 30 ~ 1:00 pm ~ at the Ranch

Lunch @ 11-12, Supper provided after sale

with guest co-signor **Generations Cattle Company**

Luke & Ceanna Tannas

 Registered *Black Angus*

Featuring
50 Yearling
 Bulls &
10 Open
 Heifers

Home: 403-637-2425

Luke: 403-863-9560

Ceanna: 403-638-7311

 PO Box 30
 Water Valley, AB
 T0M 2E0
 Ranch located 20km West of Water Valley,
 AB on Hwy 579

FEBRUARY 2017

BULL BUYERS GUIDE

Remitall Farms

**Bull and Select
Female Sale**
March 13, 2017
1:00 PM At the Farm



Selling 75 BLACK ANGUS YEARLING BULLS
10 TWO YEAR OLD BLACK ANGUS BULLS
35 REGISTERED BLACK ANGUS OPEN HEIFERS

- CALVING EASE WITH HIGH GROWTH AND PERFORMANCE
- CARCASS AND PERFORMANCE DATA
- LARGE SIRE GROUPS, 1/2 AND 3/4 BROTHERS
- SOUND, ATHLETIC, ATTRACTIVE
- SEMEN TESTED & FULL GUARANTEE
- AFFORDABLE

Remitall Farms

Richard Latimer 403.507.1122
Gary Latimer 403.507.1123
Box 3833, Olds, Alberta T4H 1P5
www.remitall.ca - richard@remitall.ca
Office: 403.556.2742 - **Fax:** 403.556.2761

FEBRUARY 2017

BULL BUYERS GUIDE

*80 Head on offer:
15 Fullbloods, 30 Blacks & 35 Reds*

*Oakview - Perkin - Triple R
Simmental Bull Sale*

New Date!
MARCH 18, 2017
BRANDON, MB



OAKVIEW SIMMENTALS
TODD & DANNA COLLINS
204.246.2166 OR 204.823.1434
oakviewsimmentals.com

TRIPLE R SIMMENTALS
RICK DEQUIER - ROLAND & YVONNE DEQUIER
DARRYL & JACQUELINE WARKENTIN
JANESSA WARKENTIN - DANITRA WARKENTIN
204.771.0280 triplersimmentals.wixsite.com

PERKIN Land & Cattle Co
DARRYL & TANYA PERKIN
204.769.2159 OR 204.534.8137
perkinlandandcattle.com

TRANSCON
Largest Corp.
TRANSCONLIVESTOCK.COM
JAY GOOD: 403/556.5563
DARREN PAGIT: 403/323.3985
GLENN NORTON: 780/542.0634
CODY HANEY: 403/559.8809

Z-Bar Canuck 4C Z-Bar Eric 29C Z-Bar Eric 50D



12 BLACK ANGUS 2 YEAR OLD BULLS *Selling at*
PRIDE OF THE PRAIRIES BULL SHOW & SALE
SHOW & SALE DATE IS MARCH 5 - 6 • LLOYDMINSTER EXHIBITION GROUNDS

Z-Bar Heads Up 19D Z-Bar Heads Up 205C



Z-Bar Angus Ltd.
Dave and Carol Gray Phone or text: 306-823-3954
Marsden, Sk. email: zbar@mcsnet.ca
www.zbarangus.com

• You won't need black cross bred bulls to keep size and performance in your angus herd. These Original Straight Canadian bulls will do the job. Stop in and view the bulls anytime, or come for coffee and a visit.

FEBRUARY 2017

BULL BUYERS GUIDE

STANDING THE *Test of Time...*

BLACK PEARL BULL & FEMALE SALE

March 12, 2017

Edwards Livestock Centre - Tisdale, SK



ROYAL ANGUS FARM
Glenn and Mel Sisson
Box 22 RR 1, Ridgedale, SK S0E 1L0
Ph/Fax: 306.873.4890
Located 18 miles North of Tisdale,
2 miles West and 2 miles North

Internet Bidding Available
DLMS
www.dlms.ca

View the Catalogue online at:
www.sissonbros.com
or www.buyagro.com

Sale Managed By:
T Bar C Cattle Co. Ltd.



FEBRUARY 2017

BULL BUYERS GUIDE

Quiet, Hairy, Easy Fleshing
POLLED HEREFORD • RED ANGUS • BLACK ANGUS

RLT 18C



RLT 42C



RLT 66C



RLT 53C



2-YEAR-OLD AND YEARLING BULLS FOR SALE BY PRIVATE TREATY

CALVING EASE *OR* PERFORMANCE
 CATALOGUE WILL BE AVAILABLE ONLINE IN EARLY 2017
Options available for all your needs

REDLINE LIVESTOCK
 TRAVIS & BECKY PAGE WWW.REDLINELIVESTOCK.COM
 LOCATED 20 MILES EAST OF DIDSBURY, ALBERTA, ON HIGHWAY 582
 TEL 403-335-4561 CELL 403-994-1065 EMAIL REDLINELIVESTOCK@HOTMAIL.COM

25th TOP
 Black Angus Bull Sale

Forbes Angus
 Home: 306-558-2063
 Cell: 306-662-7640

Bear Creek Angus
 Home: 306-558-0011
 Cell: 306-662-7060

Featuring:
75 Virgin Two-year old & 25 Yearling Bulls
100 Commercial Replacement Heifers



Craig Angus
 Home: 306-622-2021
 Cell: 306-672-7520

Friday, March 24, 2017
 1:00 CST
 Cowtown Livestock Exchange
 Maple Creek, SK

Hawkeye Ranching Company Ltd.
 Home: 306-622-2632
 Cell: 403-928-5893

Select Quality, May-June Born Rising Two Year Old,
 Homozygous Polled, Red & Black,
 Grass Fed.

GELB VIEH BULLS
Private Treaty Sale begins March 4th, 2017

Dayspring
 CATTLE

For more information, catalogues or to view bulls contact:
 dayspringcattle.com or info@dayspringcattle.com

Dayspring Cattle
 Dan & Marilyn Nielsen
 403 887 4971

Sylvan Lake, Alberta

7T Cattle
 Adam Nielsen
 403 588 9281

98th Annual
PRIDE of the PRAIRIES




Bull Show and Sale
March 5-6, 2017



**Show: March 5
 Sale: March 6**
 Find Complete Details at
www.lloydsch.com





Manitoba Co-OPERATOR
CountryGuide
AlbertaFarmer
THE WESTERN PRODUCER
Grainews
Cattlemen

Members
 get more!

COMING SOON!



Glacier FarmMedia is Canada's largest agricultural publisher, producing more than 20 print and electronic titles that include many of the most trusted names in Canadian agriculture.

When you sign up for a **Glacier FarmMedia** member account — you can access free news, markets, weather, equipment alerts, special deals on ag products & services — on your mobile, tablet or desktop!

Go to membersgetmore.ca to sign-up today - *It's free!*

GLACIER **farmmedia** MEMBERSHIP
membersgetmore.ca

FEBRUARY 2017

BULL BUYERS GUIDE

Bar 3R **22ND ANNUAL BULL SALE**
Limousin **March 16, 2017 • 1:00 PM (MST)**
Crossroads Centre - Oyen, AB
 The Rea Family
 Marengo, SK
SELLING - 40 Red Black Polled Yearlings & 2 Year Olds

Our reputation speaks for itself. Quality you can count on!



Catalogue on-line in color at www.bohrson.com • FREE DELIVERY!
 Talk to us about our *Sight Unseen Purchase & Boarding Program*
Kevin - 306-463-7950 • Ken - 306-463-7454 • r3bar@hotmail.com

REGISTERED (est. 1963) & COMMERCIAL (est. 1946)
 BLACK ANGUS CATTLE - APHA & AQHA HORSES

Your Choice
BULL & HEIFER SALE
FRIDAY - April 14 - 2017
1:00 pm (CST) • Cowtown Livestock • Maple Creek SK
65 Yearling Black Angus Bulls
10 Yearling Black Angus Open Heifers
 Photos, EPDs/Data, Videos, "View & Bid Online" details and Sale Catalog will be available on the ranch website

Many Thanks to Our 2016 Cattle & Horse Customers

Bulls	C Parsonage *(x3)	Pebbleridge Stock Farm
AAFC *(x6)	J Whitney *	RDCD Enterprises Ltd. *
A Haggart *(x2)	Watson Cattle Co*(x2)	Freyburn Angus Farms
B Bock *	Boggy Springs Ranch *	W & K Knaap (x2)
C & N Schock *(x2)	L Bereth *	Box Elder Ranch (x2)
Cypress Cattle Co *	Rose Creek Ranch *	Wiwa View Farms Ltd *
D Hanson *(x2)	J & N Hassett *	76 Grazing Coop *(x2)
D & C Judge	Rocky Top Ranch *	Sandhills Cattle Co Ltd *(x2)
D Dreyer *	W Bowyer *	Cypress Farming Co. Ltd *(x2)
D & E Nagel *	R Gordon *	Merryflat Grazing Co-op *(x3)
F & C Ruest *	M Wilson *(x2)	9 Bar Ranch Company (x2)
T & M Frey	T & T Cronkhite	Prairie Harvest Farms Inc *(x2)
Heifers	Crowe Bros *	Stags
Early Sunset Angus (x2)	S & S Frey	JGL* Porter & Maclean*
Outlaw Coulee Angus *(x2)	B Dumontel	Horses Private Treaty
Wiwa View Farms Ltd *	M Forsyth	L & C Tannas *(x2)
McGillivray Cattle Co	Windy Willows Angus	P & I Vanderwoerd *
		N Holmes
		K Smith
		B Elliott
		J Meyers *
		* repeat customers

Commercial Open Heifers
 T Graham (x65) Private Treaty

Bred Heifers Private Treaty
 T & C Leismester *(x10)
 G Shapley (x19)

Home Raised Stock By Private Treaty
Commercial Open Replacement Heifers
Top-Cut Breds
APHA/AQHA Horses



Prairie Pride Distance 41C
 to Freyburn Angus Farms, Oxbow SK.

South Shadow 134X Riteway 228C
 to Box Elder Colony, Maple Creek SK.

South Shadow Ruby 81C
 to Early Sunset Ranch, Edam SK.

Visitors & Inquiries are always Welcome

New Date for 2018 Mid-March Sale Day

Don and Connie Delorme
 Box 28, Robsart, SK S0N 2G0
dcdelorme@sasktel.net
 HOME: 306.299.4494
 CELL: 306.299.7778

DELORME RANCH
 South Shadow, Boundary & Kay Dee Angus Herds
WWW.DELORMERANCH.CA

SOUTHWEST SHOWCASE
SIMMENTAL BULL SALE
MARCH 27, 2017
 Heartland Livestock,
 Swift Current, SK



X-T BLACK DIESEL 2D
 CCF Vision X Wheatland Predator/ Fortune 500
 Homo Polled Homo Black

EDN CARLO 8C
 HWY 5 Tony 80W X EDN Truffle 208W
 Homo Polled

BOUNDARY CAPONE 26D
 MRL Capone 130B x Boundary Sarah 62A
 Homo Polled Non-Dilutor

TTP CROCUS CORNERSTONE 17D
 Wheatland Current Affair X KWA Red Rock
 Homo Polled Pending



Boychard Livestock International
 1912 403.946.8100 Fax 403.946.8101
www.BoychardLivestock.com

FEBRUARY 2017

BULL BUYERS GUIDE

Why SIX MILE?



Packet Brothers on using SIX MILE BULLS

Darcy and Dexter Packet

Our philosophy has always been to select moderate framed bulls that will produce superior females and high performing steers while still maintaining calving ease. For more than 25 years we have been faithfully purchasing Six Mile bulls that fulfill these requirements. We are continually being rewarded by the effort Six Mile puts into sourcing and purchasing the very best genetics. Clayton and Corinne's customer support has always been second to none which we greatly appreciate. They put time and effort into ensuring customer satisfaction and have provided assistance to ourselves and many others in marketing bred heifers. We look forward to working with the Six Mile family for many more years.

SIX MILE

6M Ranch



Six Mile Ranch 42nd ANNUAL BULL SALE

150 Red & Black Angus Bulls
Yearlings and Long Yearlings

April 8th
Saturday 2017

Where Customers Become Friends.

Clayton & Corinne GIBSON Callie, Cade and Coy

Box 8, Fir Mountain, Sask. S0H 1P0
T: (306) 266-4895 C: (306) 642-8013
Tyson Hertz: (403) 376-7284

E: sixmile@sasktel.net | www.sixmileredangus.com

53rd Annual Manitoba Bull Test Station Bull and Female Sale

April 1st, 2017 starting at 1:00PM sharp!

138 bulls and 21 heifers on test

Breeds available are Angus, Blonde D'Aquitaine, Charolais, Limousin, Maine Anjou, Saler, Shorthorn, and Simmental.

- Internet bidding will be provided by DLMS
- Video sale only as the bulls will not be run through the ring, so come early to take a good look.
- Catalog and video links of offering can be viewed early March on www.buyagro.com
- Come join us for lunch and take in the great offering of seedstock.
- Rare Opportunity to select genetics from 40 different consignors across Saskatchewan, Manitoba and Ontario that bring the best stock they have to be performance tested and developed together!
- Performance data, Cup Ultrasound data, and EPD's available.
- All bulls and heifers will have passed a breeding soundness evaluation prior to the sale. No Deferred Bulls sold here!
- Test Station is always open to view the offering
- All Animals have tested BVD Negative
- Animals are grown out on a developer ration supplied by Landmark Feeds targeting 3lbs a day to promote longevity and soundness

Feel free to check us out online at www.manitobabulltest.com or come see us in person located 17 miles east of Brandon on Highway #1 and half a mile south on Highway #351.

Phone office at 204-763-4696 or Manager Tyler Winters at 204-851-1165

WHY BUY OUR BULLS?

PUTTING MORE POUNDS ON YOUR CALVES,
MEANS MORE MONEY IN YOUR POCKET!



CHAROLAIS

BULL SALE

FRIDAY MARCH 17, 2017

INNISFAIL AUCTION MARKET • 1PM

WHITE & RED-FACTOR YEARLING CHAROLAIS BULLS

Barry: 403.870.3960

Greg: 403.507.9860

Barry & Simone Reese, Didsbury, Alberta

info@reeseecattleco.com

View our catalogue online at:

www.reeseecattleco.com

OUR SALE DAY
INCLUDES OPEN
REPLACEMENT
HEIFERS

Western Canada's Comprehensive Bull Buyers Guide

FEBRUARY 2017

BULL BUYERS GUIDE

ANDERSON CATTLE CO.

APRIL 12TH, 2017

Lunch 12 Noon - Sale 1 PM
at the farm, Swan River MB

**60 TWO YEAR OLD & YEARLING
RED AND BLACK ANGUS BULLS
OPEN HEIFERS & COW CALF PAIRS**



BULLS SIRED BY:
 WPRA Legacy 314A
 Red ACC Dynamo 11B
 Red D Bar Dynamo 67Y
 Red Geis Premier Plus 72'96
 Red McRaes Mohican 40X
 Red WRAZ Swaze 146B
 ACC Pacesetter 73B
 ACC Tiger 3Z
 ACC Upward 99A
 Crescent Creek Chisum 16Z
 Crescent Creek Rito 79A
 DMM Creed 75W

View the catalog at
www.andersoncattle.ca or www.buyagro.com

Anderson Cattle Co: 204-734-2073
 T Bar C Cattle Co: 306-220-5006



2017

TOP CUT

SPECKLE PARK SALE

TUESDAY

APRIL 4

1:00 PM - VETERAN, AB
 DRYLAND CATTLE
 TRADING CORPORATION









OFFERING:

- ★ 46 PERFORMANCE BULLS
- ★ 10 PUREBRED FEMALES
- ★ 40 SPECKLE PARK INFLUENCED COMMERCIAL FEMALES
- ★ EMBRYO PACKAGES

MOOVIN ZPOTZ CATTLE
 Merl & Lynda Zweifel & Family
 780-205-4868

C SPECKLES
 Curtis & Terri McAleer
 306-228-9402

UNLIMITED SPOTS
 Leroy & Tracey Argue
 780-808-4222

LEHR RANCHING
 Drew Lehr
 306-946-7438

D.A.M DOTS RANCH
 Dustin McAleer
 306-228-1498

VIEW CATALOG ONLINE AT: WWW.BUYAGRO.COM FOLLOW US ON FACEBOOK

**& GUEST
 & CONSIGNORS**

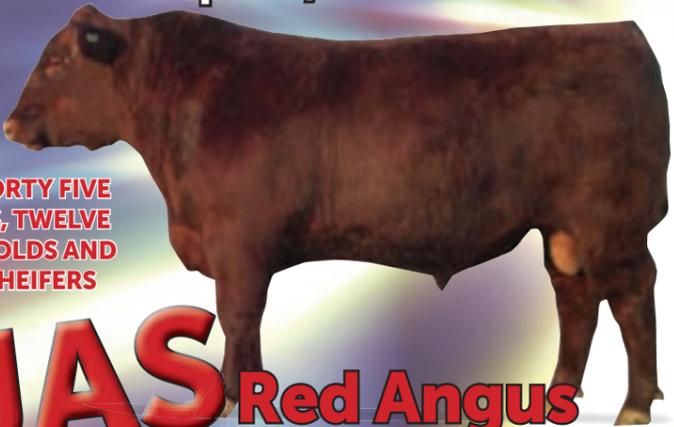
Western Canada's Comprehensive Bull Buyers Guide

FEBRUARY 2017

BULL BUYERS GUIDE

The Future is **NOW** here!

COME ON DOWN TO THE 13TH ANNUAL
"Buy the BEEF Bull Sale"
April 4, 2017
 1:00 p.m., Neepawa Ag Complex
 Neepawa, MB



SELLING FORTY FIVE
 YEARLINGS, TWELVE
 TWO YEAR OLDS AND
 SIX OPEN HEIFERS

JAS Red Angus
 Doug & Jason McLaren
 Ph: (204) 476-6248 or (204) 476-6723

MH TITAN 752
 10 YEAR OLD WALKING HERDSIRE
 O C C GREATPLAINS X O C C HOMER



45 BLACK & RED ANGUS
RUGGED
2YR OLD BULLS

SELLING: MARCH 11TH - ASHERN MB
BREEDING BULLS FOR GRASS FARMERS

**MODERATE
 MATERNAL
 EASY CALVING
 EASY FLESHING**



JONATHAN BOUW: 204-471-4696
 STEFAN BOUW: 204-232-1620
 twitter: @ediecreekangus
 www.ediecreekangus.com

SEE Technology TOUCH Innovation BE Empowered

Ag in Motion™
 Western Canada's Outdoor Farm Expo



Don't miss it! July 18-20, 2017 www.aginmotion.ca

Looking for "Heifer Bulls"?



- ✓ 70+ bulls available for spring 2017
- ✓ volume discounts for buying 4 or more
- ✓ sold private treaty off the ranch
- ✓ selecting from a 600 cow base
- ✓ over 700 bulls sold since 2003
- ✓ testimonials available

Our focus is making better cows, selecting for maternal traits and moderating frame resulting in bulls that have built in 'calving ease'!



Nerbas Bros. Angus
 Shellmouth, MB 204-564-2540 www.nerbasbrosangus.com



**SAMPSON'S
 THUNDERBIRD RANCH LTD.**

OFFERING TOP QUALITY
 2 YEAR OLD POLLED HEREFORD BULLS

AT THE 98TH
PRIDE of the PRAIRIES

LLOYDMINSTER BULL SALE
 March 6, 2017 @ 1:00 pm MST
 View catalogue online @ lloydexh.com or www.buyagro.com

PRIVATE TREATY BULLS FOR SALE

Wayne & Lucie Sampson, Lloydminster, AB
 1-877-875-7453 str172_ranch@mcsnet.ca



FEBRUARY 2017

BULL BUYERS GUIDE

18th Annual

Bull & Female Sale

On Farm

1:00 pm April 2, 2016

60 Black Angus Yearling Bulls
40 Open Replacement Females

Including sons of
S Chisum 0206 - S McCoy 373 - PA Fortitude 2500
KG Wisdom 1419 - Crescent Creek Fortune 67X
Crescent Creek Entrepreneur 105A - McCumber 8R-101 Rito 1136

* Heifers from the heart of our replacements, representing our proven cow families *

Videos of Sale cattle available 1st week of March



WMO 23C
Crescent Creek
Imprint 23C



WOS 12C
Crescent Creek
Pacesetter 12C



Crescent Creek Angus

Wes & Kim Olynyk 306.876.4420 cell: 306.728.8284 / Irene Olynyk
P.O. Box 192, Goodeve, Saskatchewan S0A 1C0
info@crescentcreekangus.com - crescentcreekangus.com
O.B.I. - Rob Holowaychuk - 780.916.2628





FOUR WEST CATTLE COMPANY

Red Angus

BULLS FOR SALE

PRIVATE TREATY

YEARLING AND TWO-YEAR-OLD BULLS
sired by excellent performance and carcass data sires
easy calving - moderate birth weights - quiet disposition.

A LITTLE ABOUT FOUR WEST CATTLE CO.

Four West Cattle Co. is part of a fourth generation family farm focused on building a quality herd of registered Red Angus cattle.

For us the critical factors are genetic soundness manifested in good looks, calving ease, and gentle disposition.



Red NCJ Lazy MC STALKER 32Z



Red Lazy MC REDMAN 35X



Red Red Rock HOMESTEAD 828B



LIKE US ON 

WWW.FOURWESTCATTLE.COM

BOX 1167 DRUMHELLER AB T0J 0Y0
AARON STANGER 403-820-4855 | FOURWESTCATTLE@GMAIL.COM

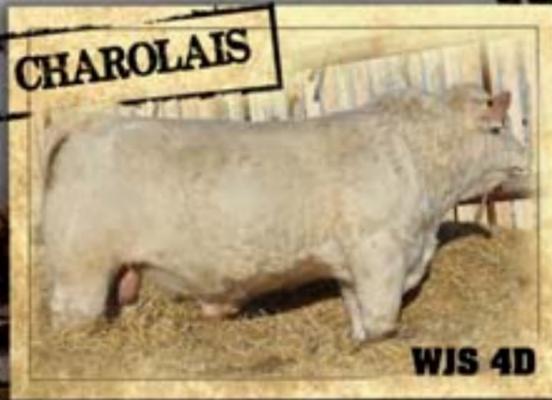
FEBRUARY 2017

BULL BUYERS GUIDE

**PEDERSEN LIVESTOCK
WJ SIMMENTALS
BIG JOHNSON CHAROLAIS**

BUILT RIGHT 4TH ANNUAL *Bull Sale*

MARCH 7
TUESDAY AT 1PM 2017
PROVOST LIVESTOCK EXCHANGE
PROVOST, ALBERTA



90 BULLS ON OFFER
31 ANGUS • 35 SIMMENTAL • 24 CHAROLAIS

Internet Bidding Available
DLMS
www.dlms.ca

Can't Make It
to the Sale?
BID LIVE ONLINE

PEDERSEN LIVESTOCK
780.755.3160
www.pedersenlivestock.com

**WJ SIMMENTALS
BIG JOHNSON CHAROLAIS**
780-856-2175
www.wjsimmentals.com