

# OFFICIAL SHOW GUIDE

JULY 19-21, 2022



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**Ag in Motion**

Western Canada's Outdoor Farm Expo



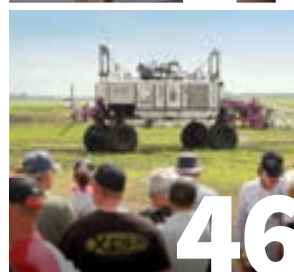
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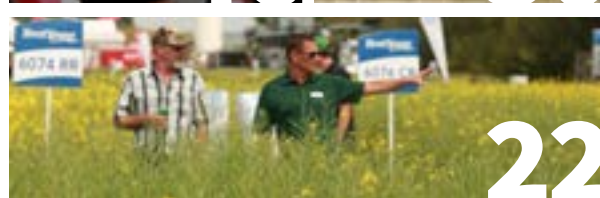
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# Celebrating being back in person



**I** get a wonderful sense of anticipation to be able to invite you to join us in person on July 19-21 for Ag in Motion™ 2022 at Discovery Farm Langham after a two-year pandemic pause that has caused disruption for so many in the agriculture industry.

The Ag in Motion team has been focusing on making this reunion an exciting and memorable event, with many special events occurring during the show. Be part of networking happy hours, innovation awards, breakfasts and brunches, new product launches, and especially the exciting return of the Field of STARS fundraising auction, dinner and evening concert on July 19.

Farmers come from across the prairies for the unique opportunity Ag in Motion offers — highlighting the best our industry has to offer in a live setting. We are happy to bring back many fan favourites like in-field

demonstrations, ride-and-drive opportunities, acres of crop plots, daily livestock demonstrations, speakers, and more. There is plenty to see and experience, up close.

Ag in Motion is always a great place to discover what's new in agriculture and this year is no different. Hear from companies launching new products, attend demonstrations of technology operating in real-time environments, or listen to speakers for information on ways to boost productivity on the farm.

With 100+ acres to explore and three days to take it all in, we are confident that you will find Western Canada's largest outdoor agriculture trade show worth making time for. AGI People Movers and golf cart shuttles from FCC, Saskatchewan Crop Insurance Corporation and Western Canadian Wheat Growers Association will help you navigate the show. July in Saskatchewan can be hot, so we're making sure visitors can get free water bottles, pause at a resting area and charge their devices at a dedicated station on Ag in Motion's Centre Street, all thanks to CIBC and TruFlex™ Canola.

The past few years have presented a unique set of challenges with combined effects from the pandemic and a region-wide drought. Even so, farmers and ranchers have found a way to cope and thrive. The companies that display at Ag in Motion can help you with new ways to meet the challenges and opportunities in our industry, so you can sustain and grow your business.

We are grateful to the many sponsors and exhibitors that are such a significant part of Ag in Motion. We couldn't have a show without their contribution and enthusiastic participation.

Thanks for your patience as you waited for another Ag in Motion in-person show. We are excited to welcome you back and look forward to seeing you there.

*Rob O'Connor*

**Rob O'Connor**  
Ag in Motion Show Director

“

With 100 acres to explore and three days to take it all in, we are confident you will find Western Canada's largest outdoor agriculture trade show **worth making time for.**”







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# AgExpert

## Field



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Sure. Track from year to year, field to field, or crop to crop.

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# SHOW INFORMATION

## SHOW DATES AND HOURS

Tuesday, July 19 8:30 a.m. – 4:30 p.m.  
Wednesday, July 20 8:30 a.m. – 4:30 p.m.  
Thursday, July 21 8:30 a.m. – 4:30 p.m.

## RAIN OR SHINE!

## TICKETS

**\$25 General Admission**

**FREE** for kids 12 and under

Buy tickets online at [aginmotion.ca](https://www.aginmotion.ca)

Gate tickets on event days can be purchased with cash, debit or Visa and MasterCard.

## GETTING THERE

Discovery Farm Langham, home of Ag in Motion, is located on Range Road 3083, RM of Corman Park Section 15, Northwest of Langham on Highway 16.

- 35 km NW of Saskatoon, Sask.
- 90 km SE of North Battleford, Sask.
- 285 km NW of Regina, Sask.
- GPS: 52.3549, -107.0718

## FREE PARKING

## WI-FI

Free Wi-Fi available throughout the site.

## GUIDEBOOK

Pick up your Guidebook & Site Map when you arrive at the Ag in Motion Welcome Centres.

Re-entry Stamps

sponsored by



## STOP CLUBROOT AT AG IN MOTION

Watch for information on important ways you can help by joining the fight against clubroot at Ag in Motion when you attend the show.

## QUESTIONS?

Tel: 1-800-563-5441

[aginmotion.ca](https://www.aginmotion.ca)

✉ [info@aginmotion.ca](mailto:info@aginmotion.ca)

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**THE WESTERN  
PRODUCER**



DROP BY OUR  
**Backyard  
PARTY!**



## Wanna see what's cooking in our backyard?

Head over to Booth #407 at Ag in Motion  
from July 19 – 21!

Crack a cold one with the Syngenta crew,  
check out our latest solutions for your farm and  
enter to win one of two tradeshow grand prizes  
to enjoy with family and friends this summer.

We hope we'll see you there!

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# SPECIAL THANKS

## AG IN MOTION SPONSORS

### PLATINUM SPONSORS



### GOLD SPONSORS



### SILVER SPONSORS



### SHOW SPONSORS



### NEW PRODUCT PROMOTIONS



### PARTNERS





# SPREADING THE WORD


Keep up to speed on all the goings-on at Ag in Motion


There's a lot to talk about at Western Canada's largest outdoor farm expo. From radio ads running on more than 25 stations and features in dozens of publications, to social media and word-of-mouth, there are many ways to keep up with the latest news.


**Connect on Social #AIM22  
#AIMWorthIt**


 Ag in Motion

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 1-800-563-5441

 aginmotion.ca

 info@aginmotion.ca



Listen for live broadcasts from *Ag in Motion* with: Brent Loucks, Shack, John Gormley & Justin Blackwell (650 CKOM / 980 CJME Radio), Glenda Lee Allan-Vossler (Golden West Broadcasting), Doug Falconer (GX94 Radio), Neil Billinger (CJWW Radio) and Jim Smalley (620 CKRM Radio).



## Radio Partners



## Print and Digital Media Partners





# Helping you get the most out of



*Western Canada's Outdoor Farm Expo*

Who's ready for show time? The Ag in Motion team is, and we're making this the best possible return to an in-person event.

Can't wait? Start by buying your Ag in Motion ticket at [aginmotion.ca](https://aginmotion.ca).

Getting here early on day one will be worth it! The first 5,000 guests through the gates on Tuesday, July 19 get a free hat — a 'welcome back' gift from Ag in Motion and SeedMaster. Show your style and keep the sun at bay!



## Getting you around

Western Canada's only outdoor farm show boasts 100+ acres of show grounds (good for those of you tracking steps!) so we're giving a special shout out to sponsors who help everyone get around. FCC is our largest golf cart shuttle provider, with other shuttles provided by Saskatchewan Crop Insurance Corporation and Western Canadian Wheat Growers Association. Staff make their way around the site using machines provided by companies such as Raven Industries and John Deere. Thanks to Co-op for being the 2022 Official Fuel Supplier and Official Lubricant Supplier.

## Centre Street: refresh and recharge

Grab a refreshing pause throughout the day at Ag in Motion's Centre Street. Thanks to our sponsors for making life easier at Ag in Motion!

CIBC helps everyone stay connected with a free charging station for smart phones and devices at Booth #330 on Centre Street. Also, watch for CIBC-sponsored carts carrying free cold water every afternoon along Centre Street so guests can stay hydrated.

TruFlex™ Canola also keeps guests hydrated, cool and refreshed by offering afternoon mobile carts carrying free bottles of cold water and by hosting two special relaxing stations with chairs and water. Give those feet a rest and have a drink on TruFlex™ Canola.

## Help is always close by

AGI Information Booths around the show are staffed with helpful humans to answer your questions. There are four booths in strategic locations throughout the site.

Not near an information booth? Ask a question of any volunteer in a branded Ag in Motion volunteer T-shirt. Thanks to Bayer Crop Science for providing shirts for our dedicated volunteers. And, thanks to our volunteers for hanging out with us!

The Show Services Centre presented by FCC is the spot for exhibitors to get their questions answered, or order last-minute services such as furniture, AV equipment, ice, water, and more. Some carts are available pre-show to help get exhibitors set up — no small feat for a show this size!

Check out the printed or mobile maps for locations of more than 80 portable washrooms at Ag in Motion. A big shout out to FMC Canada for their sponsorship of this important and helpful part of our show.



# HUNGRY?

Refresh and refuel throughout the Ag in Motion site at these vendors

Boryski's Butcher Block  
Prairie Poppins 1  
Big Squeeze 2  
Rebel Melt  
Saskatoon North Rotary Food Tent  
Smoke's Poutinerie  
Mean Green Ice Cream Machine  
Codys Concessions  
Poor Gary's Food Truck  
Edina's Mobile and European Cuisine  
Warren's Hot Dogs  
2 Lemons 1 Cup  
Bartari Fries  
Hector's Grub Hub  
Chonky Dog  
Biggar Bites Food Truck  
Par-a-dice Grill  
Birdies Donuts Ltd.

## Ag in Motion Lounge

Sponsored by ADAMA Agricultural Solutions Canada

## Demonstrations Area

The Demo Bar is sponsored by SeedMaster

## Livestock Area

Watering Hole sponsored by Canadian Cattlemen

## Ag in Motion Northwest Show Site

Lunch 'N' Lead: Presented by Nutrien Ag Solutions

## Free Ice Cream to Keep You Cool

Drop by the SGI Canada Booth #211 to pick up your free ice cream treat, thanks to SGI CANADA!

## Mobile Coffee Cart

Official coffee sponsor providing a wake-me-up to start the day, thanks to Scotiabank



**5**  
**The ~~4~~ R's**  
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**RIGHT RATE**  
**RIGHT TIME**  
**RIGHT PLACE**  
**RIGHT TECHNOLOGY**



Our proprietary technology is pushing plant nutrition investments further for our growers! Learn more at [growwithagxplore.com](http://growwithagxplore.com)

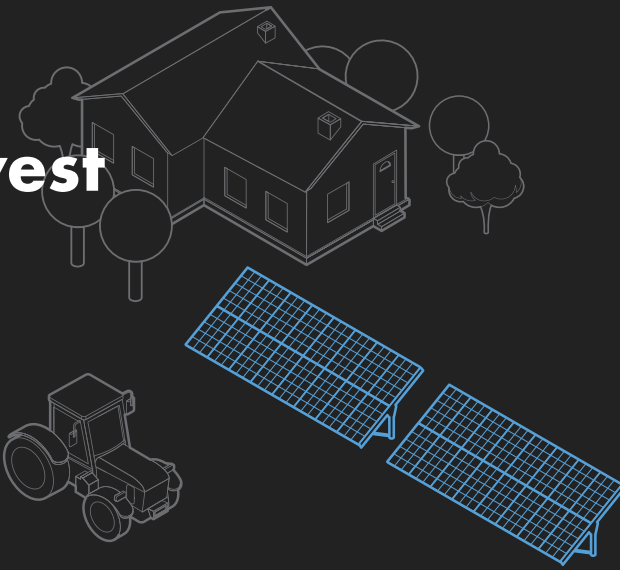
**Come see us at Ag in Motion, Booth #314**



# Add Power to Your Harvest

Power your farm with the sun

Solar is an investment that pays, year after year. For as long as the sun is shining, your power source will be reliable, sustainable and financially responsible.



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## Own Your Power

While paying for your power, build an asset to show for your investment. Once the system is paid for, your power is free!



## Net Metering Program

Apply your excess energy production back to the grid for energy credit, meaning the energy you produce is never wasted.



## Increase Property Value

Make use of underutilized space and lead the way by adopting this cutting edge technology.



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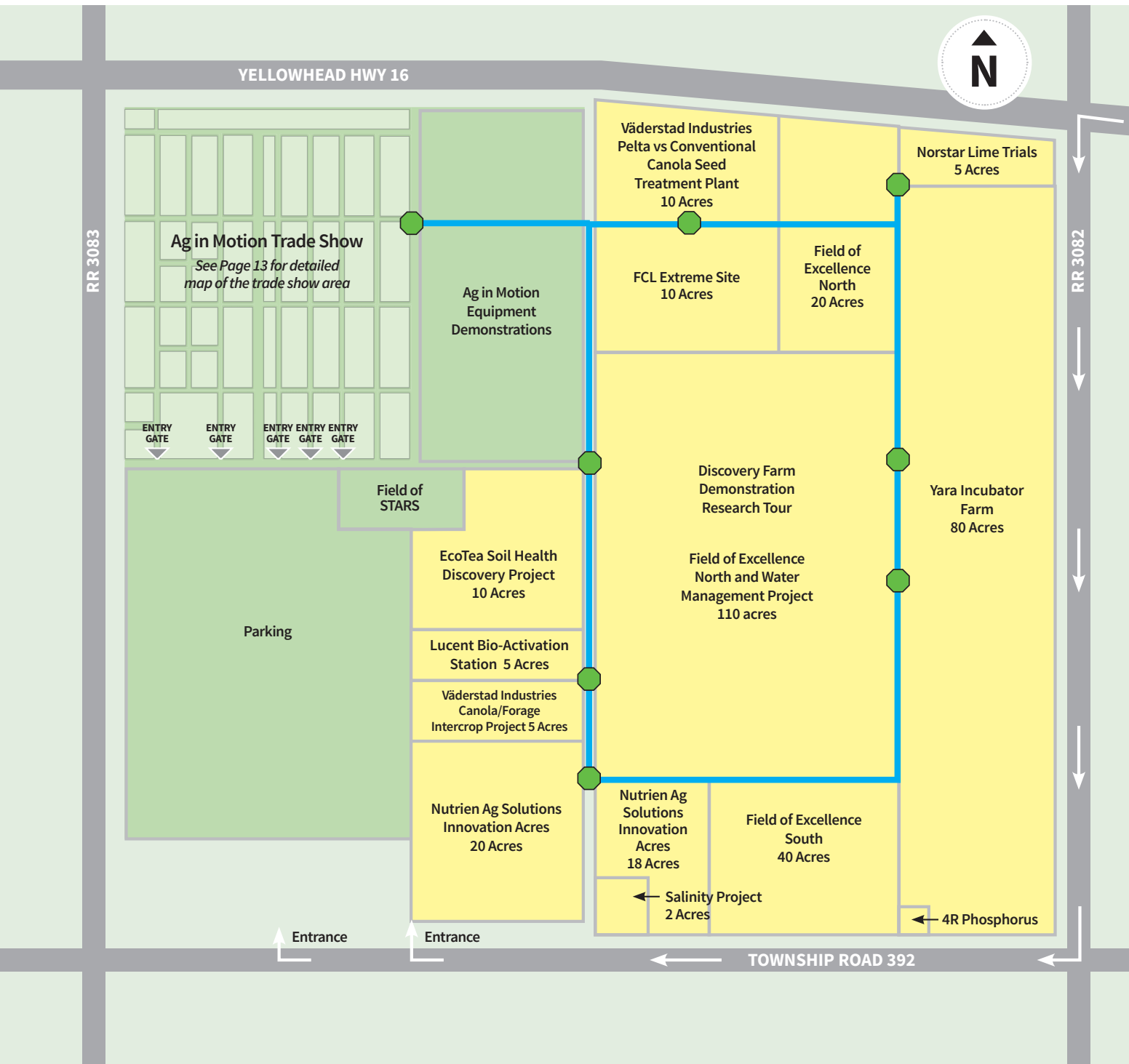
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



We guarantee the power production of your miEnergy system. If your system doesn't perform to your quote, we pay you the difference. We stand behind our experience and expertise.

**No risk. No surprises.**

# SITE MAP



- Discovery Farm Langham, home of Ag in Motion, is located on Range Road 3083, RM of Corman Park Section 15, Northwest of Langham on Highway 16
- To access parking and entrances, take Range Road 3082 and follow the directional signage to parking area
- Please park first, then proceed to your nearest entry gate

-  Ag in Motion Show Site
-  Discovery Farm Research Tour Site
-  Demonstration Research Tour Route
-  Demonstration Research Tour Stops

## SHOW MAP





# NAVIGATING AG IN MOTION: There's an app for that



Download the app through  
the Ag in Motion website!

A new app sponsored by TELUS Agriculture is designed to help attendees find their way around Ag in Motion™ at the various demonstrations and booths.

"This is the first year for the integrated Map Your Show mobile app. Ag in Motion uses Map Your Show to support our exhibitor and farmer guests," said Deanna McCreery, spokesperson with Ag in Motion and Discovery Farm.

McCreery said it felt like the right time to provide visitors with a new tool so they could better enjoy the event.

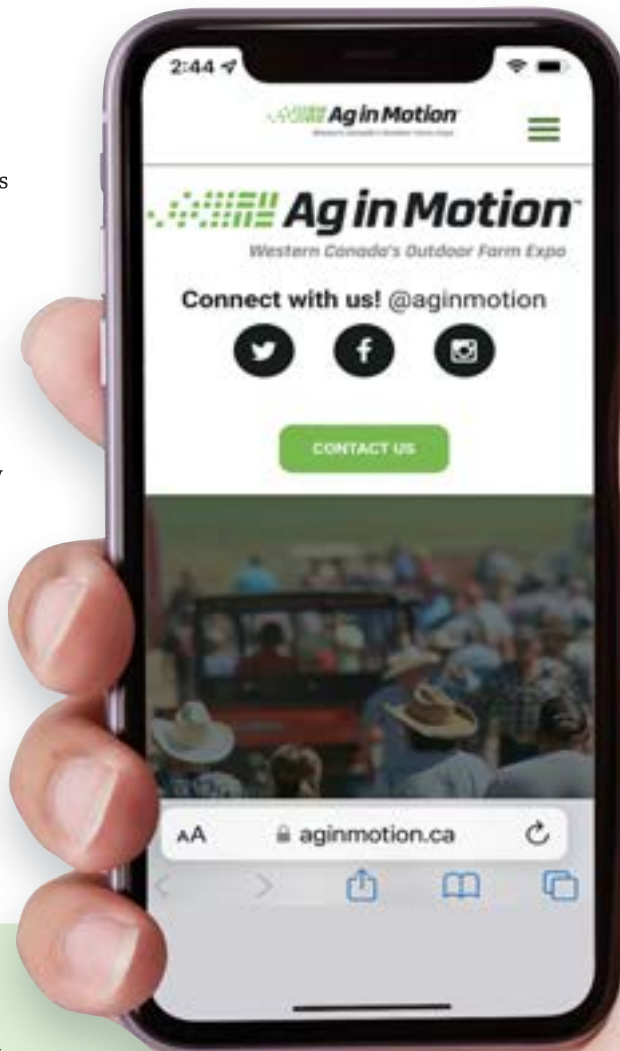
"Over the past two years of facing a global pandemic, we feel that the customer experience has become more important than ever for event organizers," she said. "Including a mobile app option for our guests and exhibitors allows the user to customize their experience when they attend Ag in Motion."

Printed maps will be available on site but "the mobile app will include the most up-to-date exhibitor lists and maps," said McCreery. Any changes happening at the show will be updated in real-time through the app.

"A major factor in the decision to include a mobile app option was the fact that the app can be downloaded and is stored on the device, meaning the user does not require cell connectivity to use the app. This was an important factor considering our audience.

"We will also be including push notifications during show days to ensure our guests don't miss any of the many events happening on site."

The app will be available in the usual app stores for Apple and Google Play.



## App functions will:

- Allow attendees to view schedules, exhibitor listings, maps, and food vendor locations
- Allow multiple search options so guests can select the type of demonstrations, speakers and products they want to visit
- Allow visitors to manage their trip with a customized show planner, with bookmarks for favourite features and events
- Provide the option to take rich text notes on exhibitors, products and demonstrations
- Give visitors just-in-time notifications for events they have saved in their show planner
- When downloaded in advance, the app works without using a phone's data, and can also be used on the Ag in Motion Wi-Fi network at the show
- Has free download for Android or iOS for use on smartphones and tablets

# Be the first stop on every crop tour.



## THERE IS SOMETHING BIG COMING IN CANOLA.

Coming soon – Optimum® GLY\* from Corteva Agriscience is an advanced herbicide-tolerant trait technology designed to optimize growth. It gives you excellent yield potential, improved crop safety, enhanced weed control and a wider window of application – everyone will want a look.

Optimum® GLY from Corteva Agriscience.

**To learn more, visit the Corteva Agriscience™ booth at  
*Ag In Motion 2022.***





# Drive the sprayer, fly the drone

Meridian  
OneCap

Seeing the latest in agriculture equipment and technology first-hand is what it's all about

Field demonstrations, presented by Meridian OneCap, are a big part of Ag in Motion™ and they set the show apart from all others.

"That's the beauty of having an outdoor trade show," says Ag in Motion Show Director Rob O'Connor. "You can visit the show to see a variety of crop plots, equipment demonstrations and livestock demonstrations."

People attend trade shows to see what's new and watch agricultural equipment and crop technology innovations working in a field situation, he adds.

This year about 500 companies will showcase their products and services during Ag in Motion. Those unable to give a live demonstration will display their products at show booths and in some cases provide video of machinery and products at work.

A live show hasn't been possible in the last two years because of the pandemic but "innovation did not stop," says O'Connor.

"There's been so much innovation the last 24 months."

He notes a significant increase in electronic and sensor-driven innovation in agriculture that is designed to give farmers new opportunities to improve farming practices.

With a lot of new things to see, O'Connor says he is expecting large crowds at this year's event. Ag in Motion had seen growth from 2015 to 2019 and "after two years without a large outdoor agriculture event like Ag in Motion,

there's a lot of anticipation in the ag community for it."

There are many different types of field demonstrations planned, starting with Ride & Drives, which this year will allow producers to test drive high-clearance sprayers. Seven units from different manufacturers are expected on site.

O'Connor says it's the equivalent of taking a test drive at a car dealership, except in this case all the manufacturers are in one place.

"It's an opportunity you don't get at most dealerships," he says, adding that manufacturers like it because they have many producers there at once and can make better use of their demo models.

Farmers like it because it's easy to compare units and get a feel for the different machines by driving them in a larger field setting. It's a huge asset in determining which unit best suits their needs, says O'Connor.

There will also be a series of programmed field demonstrations featuring the latest and greatest in air seeders and tillage equipment from about a dozen different companies.

Farmers can get up close and personal with the equipment and compare the results from each unit side by side, said O'Connor.

The tillage demonstrations will include surface, deep tillage and high-speed units.

In the case of dryland planters and seeders, O'Connor says much of the world's best technology has been developed in

Western Canada and the demonstrations will show the latest innovations by various companies.

Several client-led demonstrations are also planned and a major strength of Ag in Motion is its ability to provide adequate land for those demonstrations.

Featured client-led demos include autonomous farming technology from Mojaw Autonomous Solutions and Raven Industries and grain handling equipment from Neeralta.

Also featured near the Demonstration Research Tour, drone demonstrations will showcase the latest advances in technology and data capture from multiple drone companies. These will occur just before the Demonstration Research Tour but will not be a part of the tour.

Attendees will have the opportunity to take a test flight with a technician on several mini drones provided by LandView Drones.

O'Connor says drone and autonomous technology is changing quickly, and with two years since the last live event, farmers will see some dramatic steps forward in what can be achieved in the field.

"I think there's going to be a lot of interest. We all have to learn what's happened in the last 24 months."

The final demonstration area will focus on livestock using live cattle. Producers will see cattle worked through some of the latest handling chutes and watch stock dogs work cattle in a 'real farm' situation.







**A**pplications for drone technology on the farm are expanding every year, so drone demonstrations during Ag in Motion™ will show the potential.

The demonstrations will showcase the latest innovative technology and data capture capabilities from three drone companies. Attendees will have the opportunity to take a test flight with a technician on several units provided by LandView Drones.

Axiom Group will provide insights on the many ways drones can help at the farm level.

“Our services focus on predictive data analytics combining data collected with machine and deep learning methodologies to automate rapid change detection and predictive capabilities,” said Melissa Engdahl, Strategy & Community Relations with Axiom Group.

Axiom is a Saskatchewan-based company “focused on facilitating innovation that supports our province and country,” said Engdahl.

She said Axiom uses multispectral and hyperspectral imagery collected by satellite and UAV drones.

“These methods collect light waves that are beyond human eye perception and are processed into additional colour bands,” she said. “Hyperspectral data not only distinguishes different land cover types, but it also provides the detailed characteristics of each land cover such as minerals, soil, man-made structures (buildings, roads, etc.) and vegetation types.”

The program brings collected data into a more useable package, she added.

“Utilization of satellites for data collection is not new but this is not your grandparents’ satellite either. Using satellite provides the opportunity to look at data from the past, five to seven years in some cases, and combine it with current data for deeper analysis.

“There are several advantages, such as cost savings and having a diversity of collection methods by strategically assessing what type of resolution is required,” said Engdahl.

“We deploy the collection methods that are needed to provide insights for data-driven decision making. We are client-

# Drone technology explored and explained

focused in all our operations to support what the end user needs as efficiently as possible.”

Combined collection methods allow scalability and the use of higher resolution imagery to ground truth and increase resolution of airborne multispectral and satellite data and analysis.

Ways to use the data and technology are being explored as producers and Axiom delve deeper into the numbers.

“Axiom is a business-to-business service provider and is currently exploring several strategic partnerships with companies that have trusted relationships with local producers,” said Engdahl.

“We are focused on ensuring producers have the tools they need to maximize their profits and do what they do best for this province and country. Producers are becoming more and more tech savvy and while we currently don’t process data collected by producers, if they have the collection protocols required, it is entirely possible.”

During the demonstrations, farmers will be able to see how data is collected from a UAV and see examples of its application even beyond agriculture and the continent.

“Axiom is relatively new to this space but the models we have developed are quickly gaining the attention of other countries that are wanting to gain a competitive advantage for their producers, address carbon emissions, and do it as efficiently and sustainably as possible,” said Engdahl.

“Looking beyond the silos is what Axiom does best with its innovation and technology. Utilization of satellite and spectral data has been used in mineral

exploration for several years. We are actively involved in other sector areas, mapping vegetation analysis, species identification and soil analysis using machine and deep learning.”

Some of these areas include:

- Oil & Gas: Right-of-way spectral classification for environmental applications.
- Forestry: Harvestable timber planning and monitoring

In farming, the data produced from Axiom’s models can provide:

- Soil organic matter and soil organic carbon quantification
- Soil nutrient, micronutrient and overall soil condition quantification and evaluation with Axiom’s satellite soil model that gauges nitrogen, phosphorous, potassium, sulphur pH, various micronutrients, cation exchange capacity and estimated nitrogen release.

This information and Axiom’s predictive models can help with decision-making through:

- Predictive crop yield models from time series of soil, seeding, weather, satellite and harvest yield data.
- Disease detection: Deep learning algorithms can distinguish between healthy and diseased leaves and identify different diseases.
- Optimized stocking rate and weight gain models with biomass measurement over growing season paddocks.
- Drought assessment
- Canopy chlorophyll content to determine plant stress, including nitrogen deficiencies.

# Company solves obstacle avoidance issue with autonomous technology

**A**utonomous solutions are becoming ever-more viable for on-farm tasks.

Attendees at this year's Ag in Motion™ event will see some of the latest developments at the Mojow Autonomous Solutions Inc. booth.

Mojow, an Edmonton-based company, has a mission to streamline on-farm operations through innovative digital technologies, artificial intelligence and robotics.

Availability of skilled labour to do time-sensitive tasks is one of the biggest challenges facing farmers today. Autonomy offers a safe and productive alternative to address that challenge.

Mojow is now developing EYEBOS, a small, rugged and economical sensor suite that contains multiple cameras and GPS combined with a powerful computer for real time data processing. When machinery is in operation, the EYEBOS automatically collects images captured by the cameras and passes them through a neural network that classifies each pixel. It then creates a complete digital twin representation of the farming activity.

Digital twins contain geo-referenced information about field boundaries, roads, field entrances or any condition of interest to farmers. The digital twin created by EYEBOS becomes the foundation of Mojow's autonomous navigation controller.

Continuous intake of real time image data from the peripherals of the tractor allows the navigation controller to react to changing conditions, much like a human operator does now.

In its demonstration, Mojow will use a late model Case Magnum 380 prototype tractor driving in a continuous loop track at its booth.

Owen Kinch of Mojow said the on-site demo provides producers with a close look at the technology, thanks to a ride-along inside the tractor cab.

"If farmers are interested, they can ride inside the cab of the autonomous tractor with one of Mojow's engineers to get a first-hand look from within the tractor cab," he said. "It will give farmers an opportunity to talk directly with Mojow staff and learn about the technology presented."

It will also be a chance to see computer



vision techniques that push autonomy to levels not seen before.

"While the tractor is traveling the continuous loop track, a staff member will place a large rock within the path the tractor is driving," said Kinch. "The tractor will drive around the rock autonomously without human intervention."

"After the tractor drives around the rock, the rock will be removed during the same demo and the tractor automatically drives back on the original path."

"The rock can be placed anywhere within the continuous loop track and the tractor will avoid the rock in real time without any work stoppages."

Kinch said the technology is a big step forward.

"Real time obstacle detection and avoidance — nobody has shown they can do this yet," he said. "Not Case, not John Deere. Nobody. This is a big deal."

And the next step is practical use, said Kinch.

Mojow has been field testing its

tractor prototype at Lakeland College in Vermilion, Alta. The college operates a 1,200-acre student-managed farm with support from farm staff and faculty members. And it is less than a two-hour drive from Mojow's main office in Edmonton so the company can easily engage with researchers, faculty and students from Lakeland.

"Together we work collectively to increase the capacity of the Canadian agri-food innovation ecosystem," said Kinch.

"In the fall of 2021, Mojow heavy harrowed 1,000 acres autonomously on a grain farm located in southeast Saskatchewan. In 2022, Mojow's goal is to apply greater than 10,000 acres autonomously with a farm implement."

"During spring of 2022, Mojow successfully applied over 2,000 acres with a land roller near Langham, Sask."

The company is seeking another 8,000 acres of land to heavy harrow this fall, preferably near Highway 16 between Edmonton and the Saskatchewan border.

Kinch asked interested producers to contact Mojow Autonomous Solutions Inc.



Come see us at Booth #710,  
Mojow Demonstration Area.  
Demonstrating all day  
but Official Launch at  
1:00 p.m. daily.



# TOTAL FARM SOLUTIONS

**#WeAreAGI**

**VISIT US  
AT AG IN MOTION**

**BOOTH #677**

JULY 19 - 21, 2022 | LANGHAM, SK



**AGI PRESENTS BLUE RODEO**

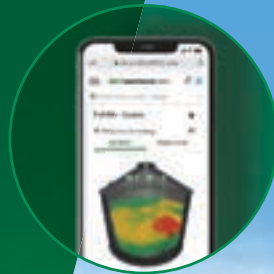
**CELEBRATING  
FARMERS &  
AGRICULTURE**

**JULY 20 AT TCU PLACE**

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- OR -

VISIT THE AGI BOOTH



**AGI**

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# RAVEN TO HIGHLIGHT ADVANCES IN AG AUTONOMY

Recent developments in precision farming are a 'must see' at Ag in Motion this year



All things in precision agriculture, especially on the path to autonomy, are of huge interest to the industry right now," said Rachel Hennen, who works in marketing and strategy for Raven Industries.

"There have been huge advancements in the precision space in the last 10 years. Technology is advancing even faster every year. So yes, interest is huge right now in all Raven technology."

Hennen said interest is also high because precision farming technology has applications across several production aspects.

"There is interest in all areas and applications on the farm with autonomy," she said. "Most show the highest interest in applications that need to be done in high labour times of the year like spring seeding and harvest."

"There is also a lot of interest in

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There is also a lot of interest in autonomy taking some pressure off on jobs that are slow, monotonous and dirty"

autonomy taking some pressure off on jobs that are slow, monotonous and dirty, but still need to be completed in a timely manner — things like rock picking and rolling in Western Canada."

Producers are in for some surprises in how far the technology has developed in the two years since Ag in Motion could be attended in person.

"It is going to be exciting to be back

at the show and share with the industry the amount of research and development Raven has done in the field of autonomy," said Hennen.

"There have been some major leaps and bounds with the performance of our OMNi autonomous equipment in the last two years. There has been a lot of time and research put into how autonomous machinery will work in conjunction with conventional equipment in the fields."

"I think people are going to be really impressed with the learning and strides we have made with our customers in how autonomy is being adopted at the stages we are at."

Raven Industries will display and demonstrate the new OMNiPOWER 3200 and show the advancements made within the platform.

"We will also be showcasing a lot of Raven technology inside of our booth, things like our newest Slingshot field connected products and features like job sharing with multiple machines in the field," said Hennen.

"There are a lot of technologies in the precision space that help farmers. The biggest way we can help is to make in-field jobs easier for both machines with and without operators in the field. Current farming practices require timely and accurate applications, and any technology that makes that easier for all operators with all skill sets is imperative."

Producers will see what is ready to take home and use, as well as technology now in the development stage.

"Raven will be displaying our currently available products, but we will most certainly be discussing with show attendees what we will be seeing next and down the road in agriculture," said Hennen.

Raven was founded in Sioux Falls, South Dakota, in 1956 as a designer and manufacturer of high-altitude research balloons. In 1978, the company began developing precision agriculture products designed to feed a growing population.

Today, it is dedicated to advancing farming by providing high-value products and systems that help farmers help the world.

# IN THE DRIVER'S SEAT:

## Ag in Motion gives chance to test new sprayers

**W**hen deciding on which sprayer to purchase, farmers have a number of different things to consider — how the machine drives, where the controls are, how easy it is to rinse, how nozzles are changed, where the boom sits. The list is endless. Farmers also have to consider size and width in order to accommodate different sizes of fields and roads according to their farming needs. At Ag in Motion™, the decision-making process is made easier with the sprayer Ride & Drives.

The sprayer Ride & Drives are an opportunity for farmers to test drive sprayers to experience first-hand the differences between manufacturers and machines, and to make decisions based on what fits best. Drivers will have 1,500 feet to accelerate in order to evaluate how fast the sprayer can travel and the machine's handling capabilities before turning around. Ride & Drives allow farmers to experience these machines in a real-world setting.



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# Crop plots give the real ground truth

**I**t's one thing to read about developments in crop, but it's better when you can see the developments first-hand, and that is why crop plots are important to producers.

More than 30 companies have planted and maintained crops this year and they will all be available to see at the 2022 Ag in Motion show. The plots cover everything from seed varieties to fertilizers, plant health and crop protection products.

"The crop plots at Ag in Motion are like one-stop shopping for farmers to see and learn it all," said Kaitlyn Kitzan, spokesperson for Ag in Motion and Discovery Farm. "It's a place for companies to showcase their newest innovative varieties, crop protection products, fertilizers, etc. It is a chance for farmers to see varieties and products side by side to make business decisions."

The companies invest a lot into their plots to make sure they look best for the show, added Kitzan.

Several new companies have plots this year, including Northern Nutrients, Mustard 21 Canada Inc., KOCH Agronomic Services, HumaTerra Regan Ag Inc. and SaskBarley/Sask Wheat.

Ross Guenther with Northern Nutrients said their plots show how they hope to treat rock phosphorous so the nutrient can be used more quickly by crops.

The work is being done because access to phosphorous is becoming more difficult because there is no Canadian source and imports from China face an export ban, said Guenther.

There is a large phosphate rock deposit in Quebec that "is affordable for farmers," he added, but traditionally phosphorous in the rock is unavailable to the plant.

Northern Nutrients is working on a manufacturing process to boost rock phosphorous availability to a crop, said Guenther.

There is interest in the work because soils on the Canadian Prairies generally need phosphorous and in recent years in-field sources have declined.

Rick Mitzel, Executive Director with Mustard 21 Canada Inc., said his organization's plots are windows that producers can look through to see what is new.

"In our plots we want to show the latest varieties of mustard available," he said. "Growers have been asking for new varieties of mustard that are higher yielding and that is what Mustard 21 is working on."

Growers will see a new hybrid mustard that is creating a lot of interest, said Mitzel.

"What we will be showing at our plot is AAC Hybrid Brown 18 and AAC Yellow 80. The Yellow 80 is a yellow mustard but is a composite variety. The benefits of the Hybrid Brown (are) that it yields 20 per cent more than open pollinated brown varieties. AAC Yellow 80 will show growers higher yielding yellow mustards of 10 per cent higher yielding than open pollinated varieties."

Mitzel said he encourages producers "to stop by the booth to find out how to get higher yielding varieties of mustard and hear about how hybrids are changing the ability to grow more bushels per acre.

"With the current prices of mustard, growers are a lot more excited about growing mustard than in the past."

KOCH Agronomic Services' plot focuses on maximizing fertility "by utilizing full rates of nitrogen stabilizers with urea and UAN," said company spokesperson Derek Wilfing, adding that the plots are a response to producer requests.

"People will be able to see on show day how best to use full rates of nitrogen stabilizers on their farms, maximizing ROI and efficiency of their fertility in their operations," he said.

"The 'must see' in July will be the demonstration of how to use a urease inhibitor, nitrification inhibitor and dual inhibitors in Western Canada to maximize your nitrogen on your farm," he said.

"It is complex, as the soil interactions, application methods and nitrogen sources all vary. There is not a one and done solution that fits on every farm.

"The 'buzz' one can expect this summer at the KOCH Agronomic Services plot will be around the fact that our nitrogen stabilizers have full rates to inhibit the nitrogen cycle compared to most others offerings as 'stabilizers.'

"There is a lot to understand in the nitrogen cycle and the right rate of stabilizers is the first step to maximizing your fertility when influencing soil interactions."

Mitchell Japp with SaskBarley/Sask Wheat said plots create a place to interact directly with producers.

*Continues on next page ►*



"First and foremost, SaskBarley and Sask Wheat will be at Ag in Motion to connect with wheat and barley growers," he said.

"The plots will be a focal point for discussion, highlighting some of the research and extension programs SaskBarley and Sask Wheat have."

The plots offer a range of comparisons.

"The plots are a demonstration of three seeding rates, four barley and four wheat varieties and four herbicide management regimes," said Japp.

"We will also demonstrate the interaction of agronomic management practices, such as how competitive varieties and high seeding rates can enhance weed control. This demonstration is particularly appropriate in 2022, after concerns of reduced availability of herbicides arose in early spring.

"The varieties selected for the demonstration were registered between 2013 and 2021, from public breeding programs that receive investment from farmer levies."

While looking at the plots will be informative, he encourages producers to talk with staff onsite.

"See the plots but also come and chat with Sask Wheat and SaskBarley directors, staff (extension, policy, research) as well as special guest speakers including Agriculture and Agri-Food Canada wheat breeder Richard Cuthbert and more," he said, adding the "guest speakers will be talking about varieties, weed management, agronomy and the variety development process."

Questions about anything wheat and barley related?

"Come and talk with experts in the field and the farmer directors for both SaskBarley and Sask Wheat about the plots or other projects the commissions have on the go," said Japp.

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## Crop Plot Companies at Ag in Motion

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# BMO Livestock Central brings it all together for farmers

More than 60 companies will exhibit livestock-related products and services this year at Ag in Motion, most located in BMO Livestock Central

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**B**MO Livestock Central at Ag in Motion™ once again brings it all together for livestock farmers — timely demonstrations of new equipment and technologies, engaging presentations on a variety of timely topics and new exhibits showcasing the latest products and services.

BMO Livestock Central is located on the southwest corner of the Ag in Motion™ show site, south of Manitoba Drive.

BMO has supported Ag in Motion's BMO Livestock Central since its inception in order to keep close connections with its agriculture clients and provide them with the best services.

"BMO has a longstanding history of supporting and providing customized solutions to Canada's agricultural community," says Lynda Taylor, National Head Agriculture, Canadian Commercial Banking, BMO Bank of Montreal.

"Supporting Ag in Motion demonstrates our strong commitment and passion to the agricultural way of life and ensures hard-working people continue to produce and grow their best."

Among the activities this year at BMO Livestock Central is a demonstration on **Low-Stress Cattle Handling**. Attendees will learn first-hand how to apply the concepts of the Merck Animal Health CreatingConnections™ to continuously improve the way they interact, move and transport cattle. By implementing the recommended techniques, livestock farmers will reduce risk of injury as well as the many negative effects of stress that can be experienced during handling by both animals and farm employees.

During the exciting **Stock Dog Demonstration**, you'll see not only how specially bred and trained dogs can help handle livestock efficiently, but also learn from Jared Epp of the Saskatchewan Stock Dog Association about the instincts that fuel the amazing abilities of these canines.

At the **Livestock Handling Equipment Demonstration**, attendees will be able to view, compare and analyze features of the latest equipment designed to help livestock farmers move animals more safely and easily, and to help them complete various tasks such as hoof trimming and vaccination.

Beef farmers are examining how they can improve their herd profitability and management through carefully planned genetics. Again, this year Ag in Motion is presenting you with examples of various breeds and the answers to all your breeding questions at the **Bullseye Beef Breeds Showcase**.

In addition, the carefully curated Ag in Motion **Livestock & Forage Speaker Series** returns this year with timely presentations on important topics that will educate and inspire livestock producers.

Topics span water quality, reducing pasture drought risk and new livestock watering technologies, to choosing the right perennial forage, how to use 'virtual fencing' and the latest research on the optimal stage to harvest annual cereals in swath grazing/green feed systems.

On July 21, the VIP Dairy Producer Brunch sponsored by BMO and SaskMilk and Western Producer starts at 8:30 a.m. at the Watering Hole.



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# BMO LIVESTOCK CENTRAL DAILY EVENT SCHEDULE

## TUESDAY, JULY 19, 2022

Schedule subject to change. Visit [aginmotion.ca](http://aginmotion.ca) for current schedule.

TIME	TOPIC	SPEAKER	LOCATION
10:00 - 10:30 a.m.	Livestock & Forage Speaker Series: Water Quality & Algae Demonstration	Rikki Wilson, Sask. Ministry of Agriculture	Livestock Pavilion
10:30 - 11:30 a.m.	Livestock Handling Equipment Demo		Cattle Pen
11:30 - 12:00 p.m.	Bale Wrapping Demonstration		Demonstration Area south of South Service Rd.
12:00 - 1:00 p.m.	Low-Stress Cattle Handling Demo	Lee Sinclair, Merck Animal Health	Cattle Pen
1:00 - 1:30 p.m.	Livestock & Forage Speaker Series: Perennial Forages in Short Rotations	Ken Wall, Federated Co-operative Ltd.	Livestock Pavilion
1:30 - 2:30 p.m.	Water Purification Demonstration		Inside SW gate near Beef Breeds Showcase
2:30 - 3:00 p.m.	Livestock & Forage Speaker Series: Identifying and Managing Weeds in Pastures	Cassandra Schroeder, Sask. Ministry of Agriculture	Livestock Pavilion

## WEDNESDAY, JULY 20, 2022

TIME	TOPIC	SPEAKER	LOCATION
10:00 - 10:30 a.m.	Livestock & Forage Speaker Series: Reducing the Risk of Drought on Pasture	Lorne Klein, Agrologist	Livestock Pavilion
10:30 - 11:30 a.m.	Livestock Handling Equipment Demo		Cattle Pen
11:30 - 12:00 p.m.	Bale Wrapping Demonstration		Demonstration Area south of South Service Rd.
12:00 - 1:00 p.m.	Stock Dog Demo sponsored by BMO	Jared Epp, Sask Stock Dog Association	Cattle Pen
1:00 - 1:30 p.m.	Livestock & Forage Speaker Series: Using Forages to Manage Soil Salinity & Alkalinity and Salinity Measurement Demo	Ken Wall, Federated Co-operative Ltd.	Livestock Pavilion
1:30 - 2:30 p.m.	Water Purification Demonstration		Inside SW gate near Beef Breeds Showcase
2:30 - 3:00 p.m.	Livestock & Forage Speaker Series: Crop Staging at Cutting and Feed Quality	Dr. Greg Penner, U of S, & Catherine Lang, Sask. Ministry of Agriculture	Livestock Pavilion

## THURSDAY, JULY 21, 2022

TIME	TOPIC	SPEAKER	LOCATION
8:30 - 10:00 a.m.	VIP Dairy Producer Brunch sponsored by BMO and SaskMilk (invitation only)		The Watering Hole
10:00 - 10:30 a.m.	Livestock & Forage Speaker Series: New Technologies in Livestock Watering	Travis Peardon, Sask. Ministry of Agriculture	Livestock Pavilion
10:30 - 11:30 a.m.	Livestock Handling Equipment Demo		Cattle Pen
11:30 - 12:00 p.m.	Bale Wrapping Demonstration		Demonstration Area south of South Service Road
12:00 - 1:00 p.m.	Low-Stress Cattle Handling Demo	Lee Sinclair, Merck Animal Health	Cattle Pen
1:00 - 1:30 p.m.	Livestock & Forage Speaker Series: Virtual Fencing — Using Satellite Technology for Fencing	Andre Bonneau, Sask. Ministry of Agriculture	Livestock Pavilion
1:30 - 2:30 p.m.	Water Purification Demonstration		Inside SW gate near Beef Breeds Showcase
2:30 - 3:00 p.m.	Livestock & Forage Speaker Series: Test Your Guess — Bale & Cow Weights Demo	Dale Weinbender, Sask. Ministry of Agriculture	Livestock Pavilion



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# Moving livestock with stock dogs

**STOCK DOG DEMONSTRATION** | Whatever type of livestock you manage, a well-trained stock dog can make managing herds or flocks of animals much easier



*Jared Epp has trained stock dogs for the past 17 years and will demonstrate their skills at Ag in Motion.* | FILE PHOTO



**T**hose with an interest in how the amazing abilities of a top stock dog can improve their farm operation will not want to miss this demonstration by Jared Epp of the Saskatchewan Stock Dog Association.

Epp will provide livestock producers with an exciting look at how and why a well-bred and trained dog can be an excellent investment.

Epp is a contract conservational, grazing shepherd, which means that for part of each year, he brings both his sheep and dogs — specially trained to independently handle large groups of sheep under his guidance — to farmland areas where invasive weed control by chemical application is not possible.

Jared and his wife Tasha also have a small farm near Dundurn, Sask., where they raise border cheviot sheep, in addition to raising and training border collie stock dogs for themselves and for others through private lessons and clinics.

## TRAINING PHILOSOPHY

“There have been several significant influences that have helped me form my training philosophies and values related to working border collies,” Epp says.

“One of these is my many days working as a conservational sheep grazing shepherd.

“During the last 17 years, I’ve developed a great appreciation for the immense value of dogs that are specifically and suitably bred, raised, and trained to manage and move livestock. I am passionate about sharing these experiences and ideas with others.”

## INSTINCTS AND EASE

During the demonstration, Epp will explain not only how a specially bred and trained dog works but also the instincts behind why they work so efficiently.

Special attention will be given to the effectiveness of using dogs to do low-stress livestock handling.

Whatever type of livestock you manage, a well-trained stock dog can make managing herds or flocks of animals easier, with the added benefit of providing you with a dependable four-legged friend.

The Stock Dog Demonstration will be held on Wednesday, July 20 at 12:00 p.m. in the Cattle Pen in BMO Livestock Central.





# Managing movement for productivity and health

## LOW-STRESS TIPS |

Visit the livestock handling equipment demonstration

**E**ffective and low-stress livestock handling has been recognized as an important factor in keeping animals healthy and productive. The times when livestock need to be moved can be enormously stressful for both animals and people.

Stress lowers livestock productivity, conception rates and immune and rumen function, increases the chance of illness and potentially decreases rate of weight gain. There is also risk of injury to people and animals during the movement and handling of livestock.

Much research has been done to understand how to prevent stress during cattle movement through identifying potential equipment issues that might have a negative impact.

When purchasing a handling system, buyers need to consider how the animal could react to different components.

Shadows, moving parts or parts that make noise and flimsy walls can all cause animal stress.

Conversely, equipment that's comfortable and designed with the animal's perceptions in mind makes getting the job done easier for both livestock and their caregivers, preventing injuries, increasing efficiency, and keeping stress levels low.

Ag in Motion™ is again pleased to offer participants livestock handling equipment demonstrations that showcase the latest in equipment for producers to safely handle and move their animals with ease.

"The livestock handling equipment demonstration has been a huge draw in past years for attendees to Ag in Motion," says show director Rob O'Connor.

"Using live animals in the



Be sure to check out the livestock handling equipment demonstration every day at 10:30 a.m. at BMO Livestock Central along Manitoba Drive. | FILE PHOTO

### Handling systems will be featured by the following companies:

- Hi-Hog Farm & Ranch Equipment
- Arrowquip
- Tuff Livestock Equipment
- Huber Ag Equipment
- Goldridge Industries

demonstrations makes a big difference in participants being able to easily see the variations between systems and see how they work in real-world situations."

**Hi-Hog Farm & Ranch Equipment, Arrowquip, Tuff Livestock Equipment, and Huber Ag Equipment** will all be on hand to showcase various types of handling equipment every day during Ag in Motion.

Hi-Hog Farm & Ranch Equipment, for example, will showcase equipment

such as its standard half-circle tub with a 21-foot 'S' alley, and a new head-holder for its squeeze chute.

Huber Ag Equipment will be demonstrating the Combi Clamp sheep- and goat-handling system, used to conveniently achieve low-stress vaccination, drenching, weighing, foot trimming, pregnancy checks and many other tasks.

"We're celebrating ten years in business this year, and we've been at Ag in Motion every year since it started," says Myrna Huber, co-owner of Huber Ag Equipment.

"It's always exciting to meet customers and talk with them about equipment that can make life easier."



The Livestock Handling Equipment Demonstration takes place along Manitoba Drive in BMO Livestock Central daily at 10:30 a.m.



ABOVE: Lee Sinclair of Merck Animal Health and Coy Schellenberg demonstrate cattle handling at the Saskatchewan Verified Beef Production workshop, at the 2018 Ag in Motion event. | FILE PHOTO

# Merck Animal Health's CreatingConnections™

**DEMONSTRATION** | Learn the cutting-edge concepts of low-stress cattle handling

**P**revention really is the best medicine. Low-stress cattle handling, combined with best practices and innovative concepts, will help you raise healthier cattle, improve animal well-being and reduce costs through implementing proven techniques.

During this practical demonstration, Lee Sinclair, Account Manager with Merck Animal Health, will present **Merck's CreatingConnections™** program to help cattle producers like you continuously improve the way you interact with, move and transport cattle.

What you can learn and put into practice might surprise you. You might even find that by implementing the techniques, fewer caregivers will be needed to move or load cattle.

The best part is a more enjoyable experience for all involved. Sinclair has been sharing the Merck Animal Health CreatingConnections™ concepts with cattle producers since 2016.

"We believe it's our responsibility to share best practices and innovative concepts that positively impact animal health," he says.

"Preventing physical and psychological stress to your animals through low-

stress handling offers real health benefits. Studies show it improves an animal's immunity, response to vaccination and reproductive performance, while lowering the incidence of death and disease. Low-stress handling also prevents injury to animals and their caregivers."

Effective human-animal communication also reduces stress on employees, which improves job satisfaction and can help with retaining employees over time.

"You'll appreciate the economic benefits of low-stress handling, too. Cattle handled with low-stress methods are more productive and cost-effective to raise – whether you're measuring feeding efficiency, net gain, meat quality or milk yield," Sinclair adds.

After the presentation, visit **[www.creatingconnections.info](http://www.creatingconnections.info)** to access videos and other resources to review how to effectively approach, move and handle cattle for cow-calf, stocker, feedlot and dairy operations.

And, for the many cattlemen who also use horses, there are horsemanship videos on the website as well.



The Low-Stress Cattle Handling Demonstrations will be held on Tuesday and Thursday at 12:00 pm in the BMO Livestock Central.





Farm Fresh Water will demonstrate water purification systems. | PHOTO: FARM FRESH WATER

# Water purification demo

**H**ave you wondered how to improve your farm's water quality to use in the home, for livestock or with your sprayer? Check out two reverse osmosis demonstrations located on First Street near the southwest entrance.

The first demo will feature well water without the use of softener salt to make clean, clear water equivalent to bottled reverse osmosis water.

The second one will turn dugout water into potable, drinkable, spot-free water without the use of chemicals.



Located inside the SW gate near Bullseye Beef Breeds Showcase, the demo will take place daily at 1:30 p.m.



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# Lessons for livestock producers

## LIVESTOCK & FORAGE SPEAKER SERIES |

A variety of topics  
each day in the  
livestock pavilion in  
BMO Livestock Central

**L**ooking for practical guidance on timely topics? Be sure to attend the sessions of this year's Livestock & Forage Speaker Series.

Attendees will learn about water quality and algae from **Rikki Wilson** of the Saskatchewan Ministry of Agriculture, reducing the risk of drought on pasture from agrologist **Lorne Klein** and new technologies in livestock watering from **Travis Peardon** of the Saskatchewan Ministry of Agriculture. Each day brings a unique line up of speakers.

### TUESDAY: PERENNIAL FORAGES IN SHORT-TERM ROTATIONS

How can forages in short-term rotations address soil erosion and mitigate losses in organic matter?

**Ken Wall** of Federated Co-op Ltd. will speak about these benefits and more, including the latest on how forages can help reduce nitrogen fertilizer costs. Many farmers are already seeing positive results by using perennial forages in their rotations, especially on marginal crop land. However, those new to the practice will need guidance on choosing the right forages for farm region, soil type and intended use.



Visit the speaker's tent at the livestock pavilion daily and learn from industry experts on a variety of forage topics. | PHOTO: SASKATCHEWAN MINISTRY OF AGRICULTURE

### WEDNESDAY: CROP STAGING AT CUTTING AND FEED QUALITY

Wondering about the optimal stage of maturity at harvest for annual cereals used in swath grazing or greenfeed systems? This has now been re-defined, says **Dr. Greg Penner** of the University of Saskatchewan.

"We are incredibly excited to share and discuss these findings as our research has shown we can have substantial increases for the yield of digestible nutrients and greater carrying capacity under swath-grazing settings without increasing producer cost," says Penner.

"We will also cover how stage of maturity for a variety of annual cereals affects nutrient composition, nutrient yield, feed intake, digestibility, and feed residue left in the field."

### THURSDAY: USING THE VIRTUAL FENCE

In many parts of the world, technology is already being used to control cow movement with the use of virtual fences.

**Andre Bonneau** of the Saskatchewan Ministry of Agriculture will explain how collars, paired with GPS technology, can guide livestock to pre-determined areas to achieve better use of pasture.

"The technology may be able to push cattle into less desirable pasture, such as forested areas and undesirable grasses," Bonneau explains.

"It may also allow managers to control access to sensitive habitat, riparian areas, and other areas where, at times, grazing is a valuable management strategy."

Check out the complete schedule for the **Livestock & Forage Speaker Series** on page 26.

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The Bullseye Beef Breeds Showcase will highlight Hereford, Charolais, Speckle Park and Limousin cattle this year. | PHOTO: SASKATCHEWAN MINISTRY OF AGRICULTURE

# Highlighting genetic diversity

**BULLSEYE BEEF BREEDS SHOWCASE** | Get answers to your breed difference questions

**W**hile Ag in Motion™ is renowned for showcasing new equipment, technology, and ideas for farmers to incorporate on their operations, it also includes a demonstration of different beef breed genetics.

More and more, beef farmers are examining how they can improve their herd profitability and management through genetics. Again, this year, farmers can get up close and personal with examples of various breeds at the **Bullseye Beef Breeds Showcase** on First Street in BMO Livestock Central.

Breeders have described the hands-on design of Ag in Motion as a perfect venue to showcase genetics.

On display at the Showcase this year are Hereford, Charolais, Speckle Park and Limousin cattle.

The Speckle Park achieved recognition as a distinct pure breed in 2006, and it's also the first and only cattle breed to be developed in Saskatchewan.

It is described as having features such as excellent fertility, high milk flow, fault-free structures and a quiet, tractable nature.

Today, there are dozens of purebred Speckle Park members in the breed association and thousands of registered cows in Canada, with Speckle Park genetics being exported to other countries such as Australia, New Zealand, Ireland and Denmark.

The presence of Limousin cattle in Canada began in 1968 with the first imports from France.

Tim Andrew, who runs Andrew Ranches in Alberta with his family, says the breed grew quickly in popularity because it has the smallest average birthweight of all the continental breeds (leading to easy calving) as well as outstanding carcass returns and an excellent mothering ability.

The Andrews are excited to again showcase the Limousin breed at Ag in Motion.

“Where else do you get to talk to people from all over Canada and the world about how Limousin cattle can improve your return?” says Andrew.

“We are not only in the Showcase, but once again are supplying the animals for the **Livestock Handling Equipment Demonstrations**.

“This is an outstanding opportunity to reveal the improvements that the Limousin breed has made towards docility.”

## BREEDS ON DISPLAY

- Hereford (Saskatchewan Hereford Association)
- Charolais (Saskatchewan Charolais Association)
- Speckle Park (Leading Edge Speckle Park Breeders/ Green Hills Livestock)
- Limousin (Andrew Ranches)



# Live demonstrations abound during Ag in Motion

This show features three new demonstration areas covering over 74,000 square feet

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**T**he 2019 Ag in Motion™ farm expo was bigger and better than ever before, but it's safe to say this year's event will compare in size and excitement.

"We are thrilled to have so many new exhibitors, over 500 in total," says Owen Smelski, Ag in Motion Exhibitor Manager.

"There are so many start-ups who will show off drones and other technologies, and many new product launches as well. It's an unparalleled opportunity for producers to see what's out there and make those critical comparisons and buying decisions."

This year's show features three new outdoor demonstration areas, plus company-led demonstration sites covering more than 74,000 sq. feet.

"These demos will be much more 'ride and drive' oriented than in the past," says Smelski. "It's the first year Case IH corporate and Mojob Autonomous Solutions Inc. will be exhibiting, and they will be joined by Claas, New Holland, Horsch Canada, Croplands Equipment, Bourgault Industries and many others."

Smelski says he is particularly excited about



the Smart Seeder MAX, from Clean Seed Ag Technologies, a revolutionary air drill planter made in Saskatoon with 60 rows, each able to lay down five different variable rate products on the go.

BMO Livestock Central and its three demo areas is also larger than ever. The Warman Tool Centre will have hot bargains and Irrigation Alley will feature the latest in irrigation and drainage technology. The FCC Ag Pavilion and Scotiabank Farm Pavilion will house an additional 150 exhibitors, many of them family-run businesses.

"We're sure you'll be stunned by this year's show," says Smelski. "It is truly bigger and better than ever."

“

These demos will be much more 'ride and drive' oriented than in the past”

# NEW PRODUCT spotlight

## Axiom Applied Analytics



■ The demonstrations included at Ag in Motion will illustrate these solutions:

- M300 Four Rotor UAV equipped with MicaSense Blue Edge and Red Edge Multi-Spectral Sensor.
- Satellite Analysis Sentinel I & II & Astor.

Both analyses completed prior with field-based demonstration to illustrate the data collection process with UAV.

At Axiom Applied Analytics, our agricultural solutions enable timely data-driven decision making. Thanks to enhanced satellite-based & multi-spectral algorithms, we can identify precise problem areas, save time and resources, and cut costs and losses.

Utilizing our agriculture solutions, producers will always be a step ahead.

- Crop monitoring and damage assessments
- Nutrient, fertilizer, and soil analysis
- Weed assessment and management
- Carbon measurement
- Land cover classification
- Land use classification
- Crop classification



## IntraGrain Technologies



■ Bin-Sense® Solo is the newest addition to the Bin-Sense product line up, bringing producers a full-range of grain storage monitoring systems to fit the scale of their operations. Bin-Sense Solo provides a cost-effective wireless grain monitoring solution, particularly in small-to-medium size bin configurations.

Bin-Sense Solo uses cellular technology to send producers daily information on the conditions of their grain. From anywhere in the world, you can log in to your mobile device or web browser to check to make sure your grain is safe. When you know your bin conditions, you can make smart decisions about managing your grain to preserve its quality.

Bin-Sense Solo operates without any requirements of being connected to a direct power source making it ideal for placement in bins with remote field locations. With a simple do-it-yourself installation and setup, you'll be up and running

with Bin-Sense Solo in no time. Contact your local Bin-Sense dealer for full details.

Bin-Sense is property of IntraGrain Technologies. At IntraGrain, we strive to be a supplier of choice as we create technologies that connect people to their operations. We help producers make effective decisions, eliminate waste, reduce risk and maximize returns.



# Mojow Autonomous Solutions Inc.



■ Mojow Autonomous Solutions Inc. is a digital Ag technology company based in Edmonton, Alberta, incorporated in February 2020. Mojow's mission is to streamline on-farm operations through innovative digital technologies, artificial intelligence, and robotics.

One of the biggest challenges farmers face today is the availability of skilled labor to execute time-sensitive operations that impact farming outcomes. Autonomy offers a safe and productive alternative to address that challenge head on.

Mojow is currently developing EYEBOS. EYEBOS is a small, rugged, and economical sensor suite that contains multiple cameras, as well as GPS, combined with a powerful computer for real time processing of collected data. When machinery is in operation, the EYEBOS automatically collects images captured by the cameras and passes them through a deep

neural network that classifies each pixel, to create a complete digital twin representation of the entire farming entity. Digital twins contain geo-referenced information about field boundaries, roads, field entrances, or any condition of interest to farmers. The digital twin that EYEBOS creates, becomes the foundation (or main input) of Mojow's autonomous navigation controller. The continuous intake of real time image data from the peripherals of the tractor, allows the Mojow navigation controller to react to changing work environments, much like a human operator does today.

Visit our booth at Ag in Motion to see additional 'key' enablers of autonomy — using camera vision techniques to push autonomy to new levels not seen before. We will be demonstrating a handful of our patented technologies currently under development.

# Nutrien Premium Fertilizer Technologies



■ Smart Nutrition™ MAP+MST® delivers high-powered performance in a small particle size. Featuring both sulfur and phosphate, Smart Nutrition MAP+MST is engineered to slowly release nutrients throughout the growing season.

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- Increased nutrient availability for quicker crop uptake
- Slow release keeps sulfur available throughout growing season
- Safe for seeds, handling and storage



## WHAT IS MST?

Micronized Sulfur Technology (MST) is a patented technology where the elemental sulfur source has been micronized, resulting in an average particle size of 15 micron. The small particle size allows for quicker elemental sulfur oxidation and increased surface area.

## WHAT IS MAP+MST?

MAP+MST integrates the micronized elemental sulfur directly in the manufacturing of Mono-Ammonium Phosphate (MAP) granules. This creates a uniform distribution of MST in each granule, providing maximum soil to fertilizer contact and an increased oxidation rate for quick crop use.

# Lallemand Plant Care



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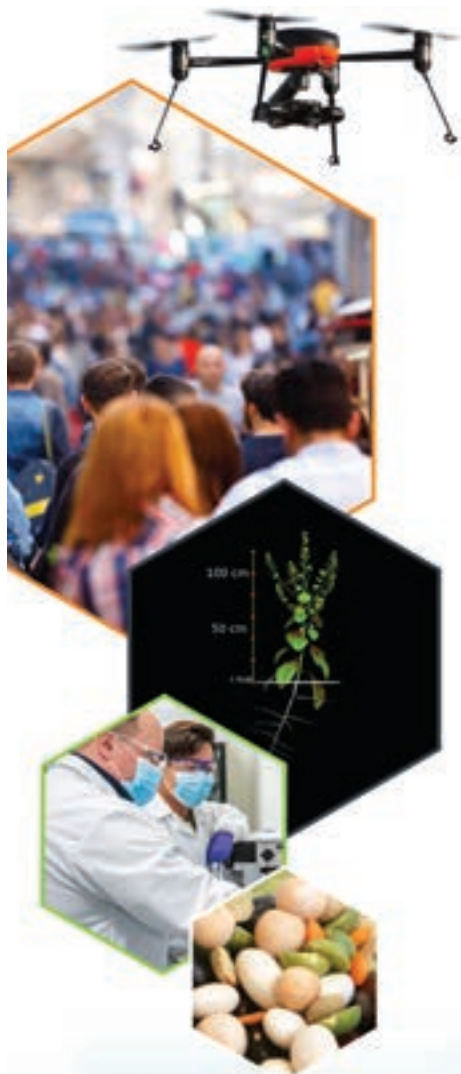
■ LALFIX® START SPHERICAL is a new granular inoculant that combines two unique rhizobium strains with a plant growth promoting microorganism (PGPM), *Bacillus velezensis*. New to the Canadian market, this robust and proven PGPM increases root mass and enhances phosphorus solubilization. Formulated with Lallemand's innovative high porosity granule structure, LALFIX START SPHERICAL is the next generation of granular inoculants.





Visit AGI at Booth 677 for live demonstrations of these products and to get special show offers and pricing. [aggrowth.com/digital](http://aggrowth.com/digital)





# Global Institute for Food Security

Finding solutions to the challenges facing the global food system requires an approach that moves at the speed of business.

Founded in 2012 in a partnership between Nutrien, the Government of Saskatchewan and the University of Saskatchewan (USask), the Global Institute for Food Security (GIFS) works with a diverse range of partners to discover, develop and deliver innovative solutions for the production of globally sustainable food.

Located within one of the world's strongest agri-science ecosystems, GIFS is helping to build a food-secure world from Saskatchewan-out, working with industry, producers, researchers, governments and consumers to decrease the time between the discovery of innovative science and its delivery to market at home and around the globe.



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# Information available at Irrigation Alley

**I**rrigation can be an important aspect of a farming operation and those who have it or are considering using it will find information at Ag in Motion's Irrigation Alley.

Jillian Brown, Executive Director with the Saskatchewan Irrigation Projects Association, says interest in irrigation is growing.

"Producers in Saskatchewan are some of the most innovative in the world. However, water has and continues to be our number one limiting factor for agricultural productivity.

"Conversely, in Saskatchewan, we have some of the most underutilized and sustainable freshwater capacity. As an example, more water leaves Lake Diefenbaker through evaporation than irrigation. The primary purpose of the dam in its development was for irrigation," says Brown.

"Bridging this innovative nature and our water resources comes through irrigation infrastructure. Given existing high crop



Jillian Brown

prices, geopolitical challenges and drought conditions, this is at the front of producer's minds now more than ever."

Brown says attention is coming from all over the province.

"Interest is ... limited only by access to water but the area with the greatest likelihood of potential water access would be centred around the new works planned to extend from Lake Diefenbaker.

"The major announcement of irrigation infrastructure investment by the Saskatchewan government for the Lake

Diefenbaker and Qu'Appelle south projects will transform Saskatchewan's crop production capacity. Beginning at the west side pump station and extending north of Asquith to the North Saskatchewan River ... means the Lake Diefenbaker expansion could see as much as 340,000 new irrigated acres," added Brown. "In addition to up to 120,000 acres of new irrigation capacity that will be made possible by the Qu'Appelle south development," added Brown.

"However, there are several other smaller projects currently being invested in and led by the Water Security Agency that are spread throughout Saskatchewan, in addition to numerous privately developed projects led by farmers."

Brown noted that drip irrigation technology is a new and interesting topic being explored by farmers.

She will be speaking in the Knowledge Tent presented by MNP about Saskatchewan's irrigated production opportunities, challenges, regulations and impacts on people and the economy.



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# OFF THE BEATEN PATH

DEMONSTRATION RESEARCH

## TOUR

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See the itinerary





# fun zone



The fun zone at Ag in Motion features 4-H Saskatchewan, Ag in the Classroom, Farm & Food Care Saskatchewan and the 'official' 4-H fun zone. It's an activity area where the kids can play, learn and have fun. Families are also welcome to hang out in this zone as they take a break from the many other show activities. The Fun Zone is outside the FCC Ag Pavilion.



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## SPEAKER SERIES: Data, resilience, irrigation and auctions



**F**armers have always been quick to adapt new ideas for their operations.

The MNP Driving Decisions Speaker Series is a perfect opportunity to pick up valuable knowledge that could lead to the next positive change.

The Speaker Series, presented by MNP, is a place for attendees to hear from experts, story tellers and innovators. There will also be a daily New Product Launch Showcase, as well as luncheon speakers discussing various timely topics.



Among the speakers is **Andrew Van Os** of MNP, who will discuss the reasons that some farmers make \$90 per acre more than their neighbours despite similar soil

and weather conditions.

Since 2019, MNP has led research on how use of data collected on the farm can make a good farm into a great one.

Van Os plans to talk about the tools, processes and techniques that influence a farm's profitability, yield and production costs, all of which can be improved through strategic use of a farm's specific data.



**Cynthia Beck** from the University of Regina will speak on the problem solving and resilient nature of agricultural producers.

There are times when they experience situations beyond their control. Drought is one example. Stressful situations like that, and the circumstances of life in general, can affect mental health and wellbeing, and that affects the farm's productivity and the bottom line.

Beck will share strategies to improve personal wellbeing and manage through difficult times.



Irrigation has increasing importance to agriculture in Saskatchewan, and **Jillian Brown** of the Saskatchewan Irrigation Projects Association

will discuss that evolving role in her presentation.

Irrigation has a key role in the ongoing economic success of the province. Its expansion will strengthen the agricultural sector and could enable Saskatchewan to become a world leader in value-added processing and other industries. Brown's presentation will highlight Saskatchewan's irrigated production opportunities, its challenges, how it is regulated, and its impacts on Saskatchewan people and the economy.



**Josh Linville** with StoneX Financial Inc. will walk through events of the last two years that have created a high priced and tightly supplied fertilizer market.

He will also cover the current state of the fertilizer market and advise on what to watch as farmers navigate uncertain times ahead.



**Luke Fritshaw** of Ritchie Bros. will discuss his firm's end-to-end customer solutions for buying and selling used heavy equipment, trucks and other assets.

Ritchie Bros. helps thousands of people around the world to appraise, sell, inspect, buy, refurbish, ship and finance assets every month.

With its multiple onsite and online selling platforms and commitment to customer service, Ritchie Bros. is trusted because it makes buying and selling easy, efficient and transparent.



**Trevor Scherman** with ScherGain will discuss how combine settings have changed even though the combine function itself hasn't really changed.

Scherman wants to build a community of growers that are successful at setting combines and allow them to share that information on a platform. This will help farmers better understand where to start when it comes to setting combines and ultimately putting more grain in the bins.



**Joy Agnew**, Associate VP Applied Research at Olds College, will discuss the Pan-Canadian Smart Farm Network. For the last two years,

Olds College Smart Farm, Discovery Farm Langham, and the Student Managed Farm at Lakeland College have been working together to build a collaborative framework for Canada's Smart Farm initiatives.

This Pan-Canadian Smart Farm Network will accelerate knowledge and data sharing, create connections, and support the development and adoption of smart agriculture technologies and practices to benefit agriculture technology developers and users. The presentation will provide an overview of network activities and progress to date and highlight the expertise and infrastructure available at each of the Smart Farm network sites.

The Knowledge Tent presented by MNP is located between 5th and 6th Street, just south of Alberta Drive.

# MNP DRIVING DECISIONS SPEAKER SERIES

Knowledge Tent located between 5th and 6th Street  
just north of the Scotiabank Farm Pavilion

Tuesday, July 19		Wednesday, July 20		Thursday, July 21	
10:15-10:45	<b>New Product Launch Showcase</b>	8:30-10:45	<b>AgTech Breakfast</b>	10:15-10:45	<b>New Product Launch Showcase</b>
11:15-11:45	Combine Settings. Please Help! <b>Trevor Scherman</b> , ScherGain	11:15-11:45	Fertilizer Market Outlook <b>Josh Linville</b> , StoneX Financial Inc.	11:15-11:45	All About Buy & Sell Platforms <b>Luke Fritshaw</b> , Ritchie Bros. Auctioneers
12:00-1:00 Luncheon Speaker	Getting to Great — Improving Farm Profitability Through Data <b>Andrew Van Os</b> , Field Optimization Program Lead, MNP and Kelly Bromm, MNP Lunch brought to you by MNP	12:00-1:00 Luncheon Speaker	Opportunities for Irrigated Agriculture in Saskatchewan <b>Jillian Brown</b> , Saskatchewan Irrigation Projects Association Lunch brought to you by Southern Irrigation	12:00-1:00	Wellbeing as an Ag Producer <b>Cynthia Beck</b> , MSC, Advocate for Ag Mental Health Presented by Saskatchewan Ministry of Agriculture
1:15-1:45	Pan-Canadian Smart Farm Network <b>Dr. Joy Agnew</b> , Associate VP, Applied Research, Olds College	1:15-1:45	<b>New Product Launch Showcase</b>	1:15-1:45	Getting to Great — Improving Farm Profitability Through Data <b>Andrew Van Os</b> , Field Optimization Program Lead, MNP and Kelly Bromm, MNP
		4:30-6:00	<b>Cultivating Connections Happy Hour</b>		





# Vote for your favourite innovation at Ag in Motion

An early look at the latest innovations in farming is a major highlight of Ag in Motion™.

The Innovations Program is presented by TD Agricultural Services.

"TD is proud and committed to serve and support the diverse needs of producers, operators and Agribusinesses," said Amie Evans, District Manager of TD Agricultural Services for Manitoba and Saskatchewan North.

"We are excited to sponsor this program as it highlights products or concepts that are new to the market that positively impact and advance the agricultural industry."

Showcasing innovation is at the heart of Ag in Motion, said Naomi Paley, spokesperson with Ag in Motion and Discovery Farm.

"One of the main reasons that farmers attend Ag in Motion is to see the latest showcase of new products and technology that can benefit their business, and we want to connect them with companies that have great solutions to offer," she said.

While in-person events have been on hold for two years, research and development has continued, so attendees can expect to see many innovations designed to help the agriculture sector in new ways.

"We are expecting to see many digital and autonomous innovations this year," said Paley. "All the categories in the program are really 'must watch' areas for farmers. They will highlight innovative ideas and inventions that will touch one or more aspects of every farmer's operation."

In terms of buzz, there is a new category and a new award which Paley said producers will want to see and take part in.

"New categories for the 2022 Innovations Program include Environmental Sustainability and the Farmers' Choice award," she said. "Although environmental sustainability is not a new concept to agricultural producers, new innovations and technology are creating opportunities for farmers to appreciate economic benefits while enhancing their environmental sustainability."

"The Farmers' Choice Award is really



DOT Launch event at Ag in Motion, 2019, shared new innovation with farmers.

66

We are expecting to see many digital and autonomous innovations this year"

all about letting farmers, the heart and soul of the industry, have their say in the competition and tell us which innovations they would choose as a winner."

The Farmers' Choice Award is a separate category for farmers to vote on that encompasses all five category winners. Farmers will be given one week to vote on their favourite.

The voting for the Farmers' Choice award will be done via polling through the Ag in Motion website. Voting will open on the website after the announcement of winners at the Monday night reception July 18. Ag in Motion will announce the Farmers' Choice Award on social media and the website post-show.

As for innovations in various categories, all registered 2022 exhibitors at Ag in Motion were invited to submit their application before June 10 to the Innovations Program. First-time exhibitors may be nominated by the Selection Committee for Innovation Awards without having applied.

The program categories are:

- i. Agronomics:** a new technology that improves crop production including genetics, crop protection product application (non-mechanical), and the process of producing a crop.
- ii. Livestock:** A new technology to enhance the production, health and well-being of animals.
- iii. Equipment:** A new technology to assist farmers and agricultural professionals with enhanced production and greater efficiency.
- iv. Business Solutions:** A new technology to assist farmers and agriculture professionals with management and decision making of their farm businesses and clients.
- v. Environmental Sustainability:** A new technology that will help farmers enhance stewardship while bringing value back to the farmer.

A Selection Committee will review the applications in each category based on the eligibility criteria, relevance to the agricultural community and quality of the application.

Innovation in Agriculture Reception, hosted by Ag in Motion and Agricultural Manufacturers of Canada, and presented by S3 Group, will be held in Saskatoon July 18 where the winners in each category will be announced.

All finalists and winners will receive special signage at the show to recognize their achievement and direct farmers to their booths.





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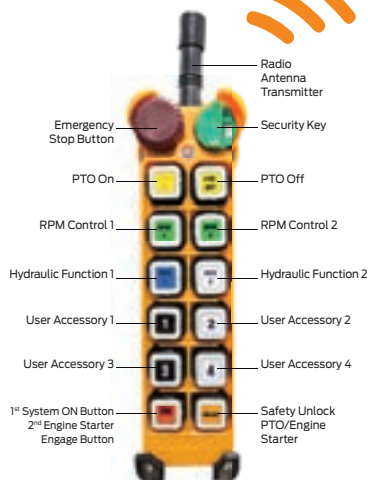
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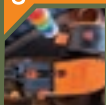
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# When the STARS come out

Spectacular outdoor event for a great cause

**A**gin Motion is about seeing the latest trends in agriculture, but it's also a time to relax and enjoy some great entertainment.

That's where Field of STARS, presented by Nutrien, takes centre stage.

Field of STARS, now in its fifth year, is a casual, country-themed dinner and dance with live and silent auctions. It carries the vital goal of raising funds for STARS Air Ambulance.

"It's so important," said Jeri-Lynn Johnston, Director of Donor Relations and Development for the STARS Foundation. "It helps keep the helis (helicopters) in the sky."

STARS has an annual budget of \$21 million to keep its two helicopters flying with staff able to provide services to people in times of medical emergency.

The service is ready to fly at any time to wherever it is needed in Saskatchewan. STARS might undertake an emergency airlift from the scene of a highway or farm accident or transfer a patient from one facility to another.

The non-profit, community-built air ambulance organization provides specialized pre-hospital critical care and rapid transportation for critically ill and injured patients across the province.

Whenever you see a bright red STARS helicopter fly overhead or land in your community, it means a team of trained emergency care experts are giving assistance to someone in need.

And the need for service is large.

This year marks 10 years since STARS Air Ambulance established operations in Saskatchewan. Since then, it has flown more than 8,600 missions to more than 500 communities in the province. In 2021 alone, STARS flew 901 missions.

Half of its annual funding is provided by the government and the remainder must be raised by other means. Field of STARS is a key fundraiser each year, said Johnston.

"It's huge in making sure we reach our goal," she said. "We do receive a lot of support from the agriculture community."

Those attending Field of STARS will see special concert performances by two

greats of Canadian music, Charlie Major and Jess Moskaluke.

Major was inducted into the Canadian Country Music Hall of Fame™ in 2019 and has been at the forefront of the Canadian country music scene since the early 1990s, when he released his debut album, *The Other Side*.

Major has sold nearly half a million records in Canada alone, winning three Juno awards and seven Canadian Country Music Association awards.

Jess Moskaluke is an international artist of pop-infused country music. She is the first Canadian female country artist since Shania Twain to achieve Music Canada platinum single status with her hit, *Cheap Wine and Cigarettes*, according to her website.

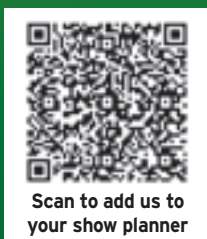
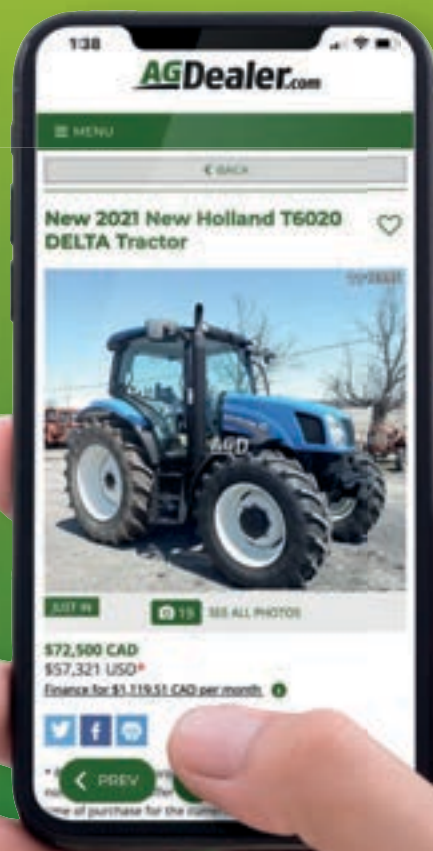
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## Cultivate connections at special happy hour



**B**ack by popular demand but in an exciting new form, the Cultivating Connections Happy Hour presented by Saskatchewan Young Ag-Entrepreneurs event at Ag in Motion™ is just what's promised in its name — a chance for young farmers and ag professionals to network, discuss timely topics and form relationships across the industry.

Hosted by Saskatchewan Young Ag-Entrepreneurs (SYA), and sponsored by FCC, the Cultivating Connections Happy Hour kicks off at 4:30 p.m. on July 20 in the Ag in Motion Knowledge Tent. Those wishing to attend must pre-register.

"Join us for happy hour refreshments and snacks up front, followed by themed table talk discussions facilitated by ag industry mentors," says Event Committee Chair Carlie Bowditch.

"We're proud at SYA to be an organization that continues to create opportunities for the next generation

of ag leaders to help them improve their farm business performance and fully enjoy their careers through making lifelong, professional connections.

"Young farmers and others will get a lot out of the targeted networking, insights and discussions at this event. There is something for absolutely everyone."

SYA General Manager Carla Borsa echoes those thoughts.

"This event really speaks to SYA's vision of embracing emerging young agriculture leaders and elevating those with leadership qualities to become the leaders of tomorrow," she says. "It's critical that Canada's young farmers and ag professionals have opportunities to grow and reach their potential."

The table talk discussions will be facilitated by a range of ag leaders from entrepreneurial ventures, ag corporations and 'advocates' who will share details on

how they have successfully advocated for agriculture in the public sphere.

"We know that attendees, no matter what part of farming they are in, will go away feeling connected, inspired and more passionate than ever about agriculture," says Borsa. "We're so pleased to be hosting this event."


The Cultivating Connections Happy Hour presented by Saskatchewan Young Ag-Entrepreneurs is "the best opportunity of the year to network with both fellow young agriculturalists and high-calibre ag industry professionals," she added.

To pre-register, contact SYA at [info@saskyoungag.ca](mailto:info@saskyoungag.ca).

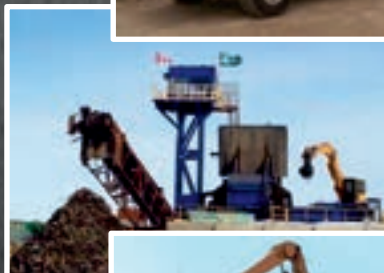


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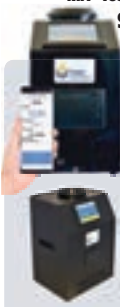


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# Have breakfast, with AgTech on the side

**A**g in Motion™ strives to provide opportunities that advance, elevate and connect the ag community. This is exactly what the AgTech Breakfast is all about.

"We are very happy to support the developing AgTech sector through a special event like this. Providing an opportunity for invited farmers, AgTech investors and those leading new ventures to network and discuss the latest innovations benefits the entire industry," says Ag in Motion Show Director Rob O'Connor.

"At this exciting invitational event, hosted by partners AgWest Bio, SREDA, Agtech Accelerator, RBC, Bioenterprise, Innovation Saskatchewan and FCC, start-ups will also pitch their ideas to seek funding and other supports as they work towards commercialization or expand their market reach."

The AgTech Breakfast is also an opportunity to help connect those in agriculture to solve global problems, says Bre Walkeden at Cultivator powered by



Conexus, a tech startup incubator that recently launched the Agtech Accelerator program in partnership with Economic Development Regina and Emmertech.

"We'll be promoting the Agtech Accelerator 'Million Acres Project,' a large network of producers around the world," Walkeden says.

"The project fosters discussion and problem solving among farmers and ranchers from many regions and climates,

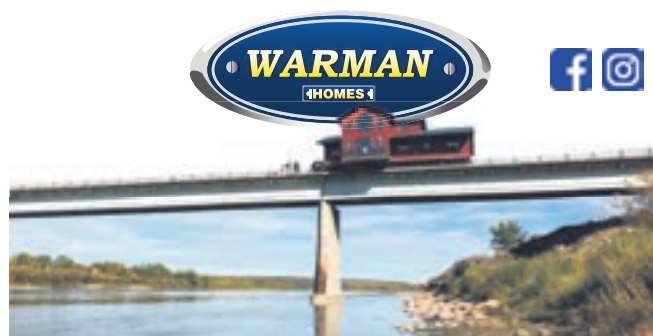
each with their own insights and expertise."

The Agtech Accelerator team says some of its first cohort startups will be pitching at the Agtech Breakfast to increase awareness of their companies and receive feedback from the farmers who attend.

At this event, FCC will promote its AgExpert farm management software, showing producers how using this tool in their operations can optimize profitability.

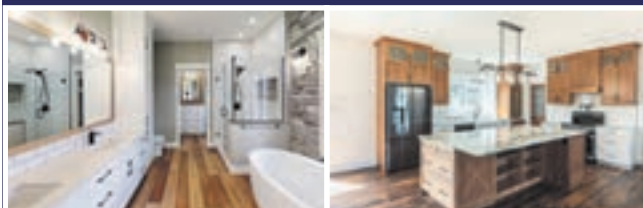
"Digital agriculture platforms like AgExpert will help us meet the challenges facing Canadian agriculture," says Krista Kilback at FCC.

"We also want to encourage more innovation in agriculture and this event is a perfect opportunity to do that. At Ag in Motion, we meet industry producers and partners who are as passionate about ag tech as we are. The AgTech Breakfast is just one of the ways Ag in Motion can support and foster the growth of AgTech today and continue to build a strong and stable ag industry for the future.



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# Demonstration Research Tour covers wide array of projects



**W**ithout ongoing research, Canadian farmers wouldn't have the best information with which to produce food efficiently and sustainably.

Sharing research results is a priority at Ag in Motion™, where visitors are welcome on the Demonstration Research Tour to see some of the demonstration research happening at the Discovery Farm, the 610-acre site, which is also the home of Ag in Motion.

This year's tour will showcase the Water Management Project, one of several led by Blake Weiseth, Applied Research Lead at Discovery Farm Langham and Agriculture Research Chair at Saskatchewan Polytechnic.

"We're evaluating critical strategies that growers can use to optimize water and nutrient use efficiency," says Weiseth. "I'll also be sharing results from the 4R Phosphorus Project, a three-year multi-site study co-led with Dr. Jeff Schoenau at the University of Saskatchewan that investigates best stewardship practices relating to run-off and more."

Weiseth will provide updates on the Salinity Project, a five-year exploration of crop yield and surface soil characteristics in saline areas.

Tour attendees will also visit the Yara Incubator Farm,

where different fertility treatments are tested, and the Väderstad Industries Canola/Forage Intercrop Project, where soil health and sustainability are examined when forages are added to the crop rotation.

The Väderstad Industries Pelta vs. Conventional Canola Seed Treatment Plant Placement project is another part of the tour, as is the Nutrien Ag Solutions Innovation Acres. The tour includes the FCL Xtreme Site and two projects from Vaderstad Industries.

New projects at Discovery Farm Langham this year include the Norstar Lime Trials and the Lucent Bio-Activation Station.

"The EcoTea™ Soil Health Discovery Project is also new," says Weiseth. "It's an exciting multi-year initiative incorporating diverse microbial seed, foliar and soil applications with bio-stimulants, cover crops, tillage practices, rotation and more."

"We really hope to see you on this tour, where you can see first-hand the innovative and critical research going on at Discovery Farm Langham."

The other Discovery Farm site, the home of Canada's Outdoor Farm Show, is in Woodstock, Ont. Both are hubs for demonstration research, events and knowledge transfer initiatives.

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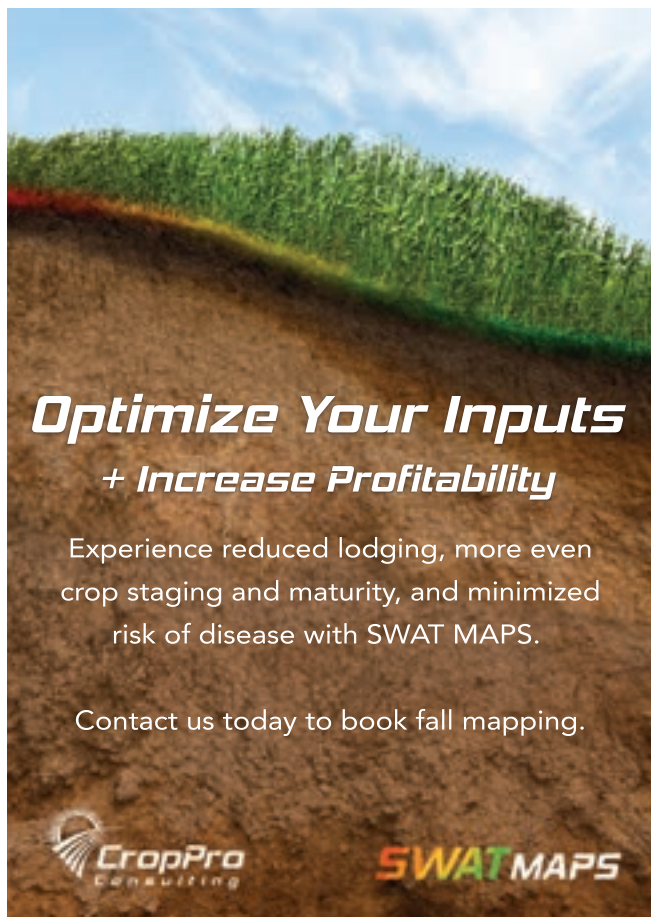
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# Väderstad, Seed Hawk celebrate milestone during Ag in Motion

**A**g in Motion™ is more than a farm technology and equipment show. It is also a celebration of agricultural history and its pioneers.

In celebration of the 30th anniversary of the Väderstad Seed Hawk line of revolutionary seed drills, Väderstad Industries will have a vintage Seed Hawk drill at the south entrance of the show.

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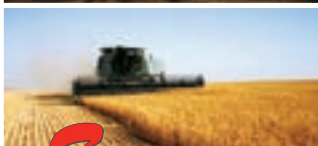
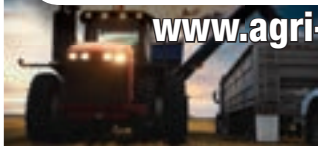
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Norris Crop Consulting	AG36		
Norstar Industries Ltd.	AG81		
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Merck Animal Health	LP21		
PMT Inc.	LP8		
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Accupipe Inc.	SB65		
Ace Pump Corporation	SB86		
ADM Fertilizer	SB20		
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AGRI STAINLESS	SB50		
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Cleanfix North America Inc.	SB19		
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LandView Drones	SB35		
Lethbridge College, School of Agriculture	SB14		
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National Bank	SB15		
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Poulin's Pest Control	SB32		
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Prairie Proud	SB3		
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Quantum Genetix	SB72		
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Romafa Metal	SB46		
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Saskatchewan Blue Cross	SB83		
Saskatchewan Crime Stoppers	SB66		
SaskTel	SBO606		
Schippers Canada Ltd.	SB49		
Scotiabank	SBO505		
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Triple Jay Cee Tire	SB78		
TWA Solutions	SB73		
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