

# The Grain Exchange



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## Chairs Messages

### Prairie Cereals Summit 2019

**Dave Bishop** | Alberta Barley chair

Last year, the Prairie Cereals Summit [PCS] saw its inaugural event in Banff, Alberta as a new joint initiative between Alberta Barley and the Alberta Wheat Commission [AWC].

The commissions could not be more proud of last year's event as we reached maximum capacity and in certain instances, sold out of space. We view this as success and believe PCS delivers outstanding value to conference attendees. Adding AWC to the mix created numerous benefits such as cost-sharing, increased sponsorship opportunities, a diverse range of conference topics and speaker attraction. Last year's highlights included the pub tour, feature speaker Gerry Ritz who discussed global trade and country singer Adam Gregory as our banquet entertainment.

The commissions are gearing up for the second annual PCS, taking place again in the heart of the Rockies from December 11-12 in Banff, Alberta at the Fairmont Banff Springs Hotel. Due to last year's record attendance, we have increased capacity for the conference and have another promising agenda.

To start, we will host the Alberta Barley annual general meeting [AGM] on December 11 at the Banff Springs Hotel. I strongly encourage barley growers to attend the AGM as we have numerous progressive updates from the 2018-2019 fiscal year, along with our Alberta Barley election results.

That evening following the Alberta Barley AGM is the famous Banff pub tour. Last year, the pub tour sold out, so to increase capacity we are dividing into two groups for the pub tour and reconvening back at the Rundle Lounge in the Banff Springs Hotel. The pub tour is always a highlight as it's great networking; you can expect delicious food, cold beer, great company and our new barley socks! I promise they are not as itchy as they sound.

The following day, the full-day conference commences. This year's line-up of expert speakers will cover a range of topics such as grain transportation, technology in agriculture, a federal election post-mortem, international trade insights and much more. I am most excited for the Honourable Stockwell Day who will discuss the current landscape of international trade with a focus on China. That evening, we wrap up the conference with a banquet supper and comedy entertainment.

You can register for PCS by visiting [www.albertabarley.com](http://www.albertabarley.com) and going to the Events page. The best part? It's a family-friendly event. Bring the whole family along to enjoy a couple days of mountain air and the beautiful scenery from the Banff Springs Hotel. We will even have a scavenger hunt set up for the kids at the hotel.

We hope to see you (and the family) there in December!



### Next Level Farming and regional leadership

**Gary Stanford** | Alberta Wheat Commission chair

A couple of years ago the Alberta Wheat Commission [AWC], Alberta Barley and Alberta Pulse Growers decided to join forces and offer regional meetings together. Since most farmers grow multiple crops, the three commissions decided this structure would be of most value to local farmers – not to mention a huge cost-savings! Not only did we join forces, we re-branded regional meetings as Next Level Farming.

Next Level Farming meetings provide commission updates, industry news and are educational days delivered to your community. You can expect guest speakers and industry experts to discuss topics such as market insights,

agronomic issues, research and innovation, agriculture safety, rural crime and much more.

In addition, Next Level Farming gives you the chance to meet the directors and the regional representatives [reps] who represent wheat growers in your region as part of the AWC governance structure. If you're from the sunny south, I hope to see you at the AWC and Alberta Barley Region 1 meeting on November 28, at the Lethbridge Coast Hotel. If you see me, please say hello! I am always pleased to meet growers in my region.

For dates and information on the Next Level Farming event closest to you, visit [www.albertawheat.com](http://www.albertawheat.com) and go to the Events page, or check the Next Level Farming calendar on Page 2.

Continued on next page

Speaking of directors and reps; AWC is currently seeking producer nominations for growers interested in joining the board of directors or regional reps. Region 1 has two director and three regional rep positions open for nomination. Region 5 also has two director and three regional rep positions open for nomination.

I could not encourage getting involved enough! Through my involvement with AWC, I have gained knowledge on the many moving pieces that make up our industry which I would not have gained otherwise. Not to mention the

commission's work gave me a playing field to exercise my interest in policy and government relations. If you want to get your feet wet with AWC, the regional rep role is a great place to start.

So, if you are a wheat grower in Region 1 or 5 who is eager to get involved and contribute, I strongly encourage you to submit a nomination form by the deadline of **4:30pm on Friday, November 1**. Nomination forms are available on the AWC website.



**Through my involvement with AWC, I have gained knowledge on the many moving pieces that make up our industry which I would not have gained otherwise."**



## General Manager's Message

Tom Steve, General Manager | Alberta Wheat and Barley Commissions

### Grain industry ownership didn't follow the ABCs

If you've been around the grain industry for any amount of time, as I have, you've probably heard of the ABCD companies. The acronym represents the multinational firms Archer Daniels Midland (ADM), Bunge, Cargill and Louis Dreyfus.

The ABCD companies are thought to control about 70 per cent of the global grain trade, so when Louis Dreyfus recently sold its grain handling network in Canada to Parrish and Heimbecker, it made me think how much times have changed.

In the late '90s the grain landscape in Canada was shifting. Louis Dreyfus and the U.S. food processing giant Conagra announced plans to build grain terminals in Western Canada.

Coinciding with those investments, ADM acquired a 42 per cent interest in Winnipeg-based United Grain Growers (UGG), my former employer. With the prairie wheat pools in financial turmoil at the time, it was understandable that some predicted Canadian ownership of the grain industry would soon become a thing of the past.

While Canadian ownership has certainly declined, things didn't quite unfold as predicted. The pools and UGG evolved into Viterra, which was eventually swallowed by the Swiss-based trading giant Glencore.

ADM exited the grain handling business in Canada altogether when it sold its interest in Viterra and while Bunge has a minority stake in G-3, the company formerly known as the CWB is actually controlled by the Saudi Arabian investment fund Salic. G-3 is building new elevators across the prairies and a massive port terminal in Vancouver which is scheduled to open next year.

What no one could have predicted, including me, is the survival and increasing presence of the Canadian family-owned companies. Winnipeg-based Richardson is now one of the two dominant grain handlers in Canada, along with Viterra. Cargill is a distant third.

Surprisingly, family owned companies Paterson Global Foods and Parrish & Heimbecker are not only surviving in the new environment, they are growing their footprint with new state-of-the-art terminals. P&H is building the Fraser Grain Terminal in Surrey, BC in partnership with GrainsConnect, a joint venture of Australia-based GrainCorp and the Japanese agricultural cooperative Zen-Noh.

Twenty years ago, I doubt a single person would have bet on P&H buying out one of the ABCD companies, or that Canadian companies would be thriving in the post-CWB world.

Just when you think the future is certain, it's not.



**What no one could have predicted, including me, is the survival and increasing presence of the Canadian family-owned companies."**

# 2019 regional wheat grading concerns

Geoff Backman, Business Development and Markets Manager | Alberta Wheat and Barley Commissions

It's harvest time for Canadian wheat and variable weather is again adding risk to grain quality. A dry spring and a cool summer have many farmers raising concerns over a crop that is behind in maturity and the potential for a later harvest. Due to variable harvest weather in recent years, Alberta farmers have grading concerns including the evaluation of their grain deliveries based on falling number, the impact of frost or heat stress on grain kernels and the presence of fusarium damaged kernels. With memories of the 2018 harvest delays still fresh and concerns about quality discounts growing, we've reached out to Alberta Wheat Commission's regional directors for tips to mitigate the risk.

### Rycroft | Peace Region Warren Sekulic

In this part of the world, the harvest concerns are always early frost or moisture that causes sprouting at harvest. This year the crop was later than expected and frost damage is a major concern. When I am impacted by frost or significant rain, I try to segment my wheat if the

weather results in a significant quality drop. I also try to work with my grain buyers to see if they can buy all the wheat as a package to work with me on any quality variations. If the price is right, I also consider making some forward contracts for feed grains as a hedge.

### Red Deer | Central Alberta Trevor Petersen

Frost is the major concern in our region. As we approach harvest we are scouting every day, actively looking for fields that are mature enough to start harvesting. It's important to identify the fields that were hit with poor weather during the growing season that delayed their growth beyond the others. We don't have the time to stop harvest on a field halfway because the crop isn't finished. Once we start harvest, we know which fields we can move on immediately and which we'll leave till the end to give them more time.

### Rosebud | Central Alberta Justin Bell

When we have a late crop, we end up adjusting our fall application of sprays to make sure the crop is ready before going. When frost is a concern we consider swathing depending on the rain forecast over the harvest window due to sprouting concerns. When we do have issues with quality, we separate the grain and try to work with the elevator to take the good and the bad as a package.

### Magrath | Southern Alberta Gary Stanford

Our grade issues often come from a hot and dry growing year, which results in smaller kernels in some of our crop. Our main grading concerns are shrunken kernels and heat stressed kernels which can look a lot like frost damage. We try to mitigate this by separating our production by field as best as we can, given storage limits. Once the crop is in the bin, we'll take samples to as many buyers as possible so we understand what we have.

## NEXT LEVEL FARMING

Join us at Next Level Farming, featuring regional commission updates, market insights, regional agronomy experts and water management information.

Be one of the first 10 people to pre-register for any Next Level Farming meetings to secure a pair of wheat socks!

**We hope to see you there.**

Date	Location	Organizations & Regions	Venue
Nov. 12, 2019	Vulcan	Alberta Pulse Growers Zone 2 Alberta Barley Region 2 Alberta Wheat Commission Region 2	Vulcan Lodge Hall
Nov. 13, 2019	Lacombe	Alberta Barley Region 3 Alberta Wheat Commission Region 3	Lacombe Memorial Centre
Nov. 19, 2019	Barrhead	Alberta Barley Region 5 Alberta Wheat Commission Region 5 Alberta Pulse Growers Zone 3	Barrhead Arena
Nov. 20, 2019	Falher	Alberta Barley Region 6 Alberta Wheat Commission Region 5 Alberta Pulse Growers Zone 4	Falher Curling Rink
Nov. 27, 2019	Camrose	Alberta Barley Region 4 Alberta Wheat Commission Region 4 Alberta Pulse Growers Zone 5	Camrose Best Western
Nov. 28, 2019	Lethbridge	Alberta Barley Region 1 Alberta Wheat Commission Region 1	Lethbridge Coast Hotel

All meetings will take place from 8:30 a.m. - 3:30 p.m.

albertabarley.com | albertawheat.com | 1.800.265.9111  
albertapulse.com | 780.986.9398



Alberta Barley



“Since the backlog of 2017-18 and passage of C-49, CN has taken a proactive approach to opening a dialogue with farmers.”

# CN Council on Right Track

Geoff Geddes | The Word Warrior

They say a one track mind can be detrimental; but if that track leads to better relations between the grain industry and the railways, it might be a trip worth taking. Such was the general reaction to a recent announcement by Canadian National Railway (CN) that it was assembling a farmer advisory council in Western Canada. Consisting of farmer representatives from Manitoba, Alberta, Saskatchewan and British Columbia, the council aims to forge closer ties with producers and improve overall supply chain performance.

To many eyes, those ties have been fraying over the years, so the CN announcement was perfectly timed.

“We’ve had two major grain backlogs in recent years: 2013-14 and again in 2017-18,” said Tom Steve, general manager of the Alberta Wheat and Barley Commissions. “After the 2013-14 backlog, the federal government initiated a comprehensive review of the Canada Transportation Act, which was followed by the introduction of Bill C-49 - the Transportation Modernization Act.”

The passage of Bill C-49 introduced new measures to bring greater accountability to the transportation system. The railways are now required to publish annual Grain Plans, and the legislation allows shippers to negotiate service level agreements with penalties if the railways (or grain shippers) fail to meet their obligations.

“Since the backlog of 2017-18 and passage of C-49, CN has taken a proactive approach to opening a dialogue with farmers,” said Steve. “Some may be skeptical that CN will actually listen and act on farmers’ concerns, but we are prepared to give them a shot.”

Though the stated mandate of the advisory council is providing input to CN regarding grain plans and winter contingency plans, that’s just a starting point.

## Meeting of the minds

“Our overarching role will be to ensure CN has a better understanding of the issues that matter most to farmers,” said Alanna Koch, chair of the advisory council. “That could include everything from trade challenges and regulatory barriers to the need for transportation infrastructure investment.”

Just as necessity is the mother of invention, the genesis for the council was a glaring void that had to be filled.

“Farmers are the ones most impacted by rail service, because it is our products getting moved to market,” said Koch. “In recent years, we haven’t seen railways as committed to that reality as we had hoped. With this council, farmer voices will be heard by CN at a very senior level; it is about developing a more effective working relationship and rebuilding trust.”

As is often the case with relationships, communication will be critical for addressing issues of concern to both parties.

“Communication is key regardless of who you’re talking to, and until now, it was lacking with the railways,” said Dave Bishop, chair of Alberta Barley. “We’ve never had any discussion around matters like how our grain is being shipped from the elevator to port, and it’s crucial to facilitate a

two-way dialogue between the agricultural community and the railways. Farmers need to understand that CN must reduce car allotment in cold weather, for example, and CN must appreciate that farmers have to ship at certain times of the year to serve our customers’ needs and get the best price.”

From CN’s perspective, this initiative — which is the first of its kind in Canada — has a dual purpose: acknowledging shortfalls and tapping opportunities for long-term growth.

## Talk is priceless

“CN is not perfect,” said Sean Finn, Executive Vice-President - Corporate Services/CLO for CN. “We don’t always see eye-to-eye with everyone in Western Canada, so this council is a forum for getting feedback from producers and engaging in open and honest dialogue on issues that unite us.”

If it’s frank discussion that CN is seeking, they came to the right place.

“I thank CN for starting this,” said Jeff Nielsen, president of the Grain Growers of Canada. “The people around the table bring a wealth of experience from a western grain producer standpoint. We hope to see strong cooperation between the council and CN on things like the winter rail program and ensuring that the elements of C-49 come to fruition. Anything that helps the grain industry will also benefit other sectors like mining and lumber that rely on the railways, and we plan to hold CN’s feet to the fire to ensure success.”

To date, the council and CN have had two phone calls to lay the groundwork for collaboration and are committed to meaningful dialogue by phone and in-person following harvest.

“Down the road, I can see us teaming up effectively when we have common concerns, and anytime you speak with one voice, it’s much louder,” said Bishop.

## Bearing down and teaming up

With some daunting challenges ahead, teamwork will be essential.

“The government is tasking us with growing more crops to meet future demands, and we want to keep supplying top quality products to fill that need,” said Nielsen. “It’s essential that we have a rail system to support us, as there’s no sense producing something that can’t be moved.”

For their part, CN is focused on providing that support.

“The Grain Plan has compelled everyone at CN to work together and to interact more effectively with producers, ports, shipping companies and terminals,” said Finn. “If the advisory council can help us implement that plan and move more commodities out of Canada in the years to come, it will be a win-win.”

It seems that both the railway and farmers are getting on board with the new dynamic, and if the goal is shared success, many feel they’re on the right track.



## Value Creation - Where are we now?

Lauren Comin, Director of Research | Alberta Wheat and Barley Commissions

Things have been relatively quiet on the Value Creation front since Agriculture and Agri-Food Canada (AAFC) and the Canadian Food Inspection Agency (CFIA) began their consultations in November 2018.

As a refresher, AAFC and CFIA presented two models that were proposed by the Grains Round Table, a government and industry collaborative that focuses on increasing Canada’s grain industry’s competitiveness. The intention of both models is to increase overall investment in variety development. Currently, the majority of variety development in cereals is carried out by the public sector — AAFC, Universities and provincial governments.

The first model, the “EPR” or end-point royalty model, proposes that producers pay a royalty at the point of delivery. The second model, which has been endorsed by many in the seed industry, is the “Farm Saved Seed” or trailing royalty, which would have producers sign a contract with their certified seed dealer and be invoiced yearly for planted acreage. In both cases, the royalty would flow directly back to the developer of the genetics to allow them to capture a return on their investment in plant breeding.

For more details on the process to date, please visit: <https://albertawheat.com/media/blog-the-wheat-sheaf/value-creation-information>

Since the initial public consultations, which introduced producers to the need for a value creation system and the two models, a producer advisory panel was established to review the materials for the next wave of

consultations. Both Alberta Wheat Commission (AWC) and Alberta Barley are represented on this panel.

With a federal election being held this October, many may not be aware of the Caretaker Convention, which is enacted by governments approaching an election which limits their actions, including public consultations. A consultation, even if completed online, must be available for an extended period of time. This restricts the government’s ability to continue consultations on value creation prior to election. Therefore, it is unlikely that AAFC and CFIA will be able to continue consultations until after the election, once the governing party has been established, ministers selected and mandates handed down. Therefore, movement on the value creation file will likely be delayed until late 2019 or early 2020.

To reiterate, AWC and Alberta Barley have not endorsed either model and will not take a position until certain criteria have been met. AWC passed a special resolution at its January 2019 AGM stating that the board will only support a change in the royalty system that can demonstrate a clear financial benefit to Alberta wheat producers. Both AWC and Alberta Barley joined the other cereal crop commissions in Western Canada to request a more thorough consultation and the release of an in-depth economic analysis for wheat, barley and oats that shows the impact on producers. To date, the economic analysis has not been released. There has also been talk of a third model being put forward but details of this proposal have not been made public.

Alberta Wheat Commission

Join us at FarmTech for Alberta Wheat Commission's

### Annual General Meeting

Hear about the work we're doing for farmers.

📅 January 29, 2020

🕒 10:30 a.m. – 11:30 a.m.

📍 Edmonton Expo Centre, Hall F

Open to the general public

albertawheat.com

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# Building relationships in the malt barley industry

Lee Hart



Kris Smelser, regional manager of the Molson Coors Brewing Company based in Power, Montana knows much more now about the Alberta malt barley industry after being part of the Made in Canada tour this summer.

He says meeting with plant breeders, talking to farmers, seeing their fields of different barley varieties, and connecting with maltsters who process this barley — all part of the first-ever, two-day Alberta tour — has helped him better understand how the malting barley value chain operates in Canada.

“It was interesting to see what local growers were doing and learn about the relationship they have with maltsters — some were even producing a specific barley for a craft brewery,” says Smelser. “It was also interesting to learn about the barley breeding program in Canada and how it differs from the U.S. system. In Canada most breeding programs appear to be publicly funded, while in the U.S. it is mostly private breeding programs.”

Smelser says it is important to understand the Canadian system and the opportunities it may present as his long established U.S. brewery begins to source malting barley from Alberta growers. While the company has its own proprietary barley varieties used for beer making “we are always looking for something better,” he says. “We’re interested in varieties that have improved agronomics that benefit the growers, but also that have the quality and characteristics that meet our requirements in the brewing process.”

Increasing communication between different sectors of the Canadian barley value chain — from plant breeder to brewer — is exactly what the Made in Canada tour was designed for says Geoff Backman, business development and markets manager with Alberta Barley in Calgary. “It was the first of what will hopefully be many opportunities to bring together the various players in that value chain to meet, network and help each other understand the opportunities and challenges of each sector.”

The two-day tour that involved plant breeders, maltsters, and producers was co-sponsored by Alberta Barley, Sask Barley, the Canadian Malting Barley Technical Centre (CMBTC) and the Brewing and Malting Barley Research Institute (BMBRI).

Backman says while breeders are developing excellent varieties with high yield and improved agronomics that farmers are interested in growing it is important to connect the malting and brewing companies to that side of the industry. “And likewise it helps breeders and producers to have greater connections with the malting and brewing side of the value chain,” he says. “This tour was a step toward helping the whole value chain build a stronger relationship.”

Peter Watts, managing director of CMBTC agrees it is important for the various sectors of the malt barley industry value chain to develop a good working relationship.

“It’s all about making the various players aware of the opportunities that are out there,” says Watts. “Plant breeders have and continue to

develop new varieties of malt barley with improved agronomics, improved disease packages and higher yields that can help all players be more profitable and more competitive. So it is important to improve awareness and communications.”

Watts says the challenge for the industry is get maltsters and brewers to accept new varieties. Today the industry continues to rely on two varieties that were developed over 20 years ago, largely because of familiarity, whereas new varieties are unknown so end-users tend to be cautious about their uptake.

“That’s why it’s critical to get these new varieties tested at a commercial scale early in the life of the variety to see if it works in the malt house and meets the brewer’s needs,” he says. “This generally starts with the domestic industry and if early indications are promising, it can be promoted for testing in off-shore markets.”

While Kris Smelser came to learn about the Canadian malting barley industry, a model his company has used in the U.S. for nearly 75 years to procure barley for Molson Coors Brewing Company may have potential application in Western Canada.

Molson Coors, with its own in-house barley breeding program, has developed a closed loop system to have seed of their specific malt barley varieties produced, distributed to selected growers and then returned to their maltsters, with the malt used to produce Molson Coors brand beers. Just in the last couple growing seasons they have begun sourcing Alberta grown barley produced under irrigation.

“It is a system of producing barley that meets our brewing needs that we have used for the past 74 years,” says Smelser. “And recently we began trying to emulate that system in Alberta.”

Stamp Seeds, certified seed producers at Enchant in southern Alberta has contracted with Molson Coors to produce a particular malting barley variety known as Bill Coors 100. Stamps produced the first seed for use by Alberta growers in 2019.

“For 2019 we had a limited amount of seed available to farmers,” says Greg Stamp. Three Alberta farmers were selected as growers of the variety in 2019. He expects wider distribution to growers in 2020.

“It has shown to be an excellent, high yielding variety with agronomics well adapted for production under irrigation,” says Stamp. It also appears to be an earlier maturing variety that ripens about five days ahead of leading feed varieties.

“The earlier maturity certainly helps to spread out the harvest workload and beat weather risk,” he says. “And with higher yields in an area where farmers grow a lot of feed barley it can be competitive with the feed barley market.”

And John McKee, one of the first growers of Bill Coors 100 malting barley in Alberta says he is not only impressed with the barley variety, but also with the overall Molson Coors program. McKee who along with his wife Christine and family operate J & C McKee Conservation Farming at

Stirling, south of Lethbridge says even though he provides “a little extra care and attention” the variety has done well on his farm.

“It is a semi-dwarf variety and not prone to lodging which is a benefit under irrigation,” says McKee. As a long time malt barley producer, he says while some of the more common Canadian varieties yield in the 80 to 100 bushel range, over two growing seasons the Bill Coors 100 is yielding in the 130 to 150 range and even as high as 160 bushels per acre. McKee grew about 200 acres for Molson Coors in 2019.

“We treat it like a specialty crop,” says McKee who also grows cereals, oilseed and pulse crops. “That involves paying attention to a properly balanced fertility program, applying fungicides, as needed, adjusting the seeding rate to reflect the large plump seed and ensuring water is applied at proper timing.” As part of the Molson Coors program McKee also works closely with a company agronomist, who is available by phone and also visits the farm to provide advice on crop management.

The crop is managed to produce protein under 13.5 per cent, and at harvest immediately goes into aeration bins for fall and winter storage until it is picked up by the company for delivery to a U.S. maltster.

“They appear to be an excellent company to deal with,” says McKee. “They are passionate about agriculture and their whole business and are interested in building a relationship with their growers.”

Kris Smelser says it is just part of company culture to build relationships with its farmers. “We have some families that have been producing malt barley for us for 30 to 40 years,” he says. “We found in our business that relationships are important. It is much better for everyone, for example to work with one grower for 10 years than to work with 10 growers for one year.”

Since quality and consistent supply of malt barley is crucial to the brewing industry, Smelser says he sees opportunity for more relationships to be built between growers and processors in the years to come whether it be with larger malting houses and breweries, or even with the more recent introduction of craft breweries.

“As Bill Coors often said “good quality malt barley is to beer production as what grapes are to the wine industry,” says Smelser. “As long as people are drinking beer, the malt barley industry will thrive.”



## Alberta Wheat and Barley Commissions connect with consumers

Megan Evans, Marketing and Events Lead | Alberta Wheat and Barley Commissions

Alberta farmers dedicate themselves to growing the safest food in the world and living as good stewards of the land through sustainable management practices.

Over the past few years producer groups have an added focus to find ways to communicate and educate consumers on modern agriculture. For the Alberta Wheat and Barley Commissions, this initiative is top of mind.

### Life's Simple ingredient

To celebrate the Canadian wheat industry, the Alberta Wheat Commission (AWC) developed a consumer campaign called Life's Simple Ingredient.

From the market research completed in 2016, AWC learned consumers view farmers, doctors/dietitians and chefs as trustworthy sources of information about food. Further, consumers perceived Canadian agriculture's tradition, family values and history as a large part of wheat's identity.

Using those key findings, Life's Simple Ingredient was created to celebrate Alberta's high-quality wheat by sharing recipes, facts and nutrition and community events throughout the province. In the past three years, the campaign has gained a number of followers on social platforms including Facebook, Twitter and Instagram to help share inspiring and educational content.

For 2019, Life's Simple Ingredient took a grass-roots approach by participating in events such as Open Farm Days, Alberta on a Plate and the Calgary Stampede to talk to consumers one-on-

one about Alberta's wheat and modern farming practices.

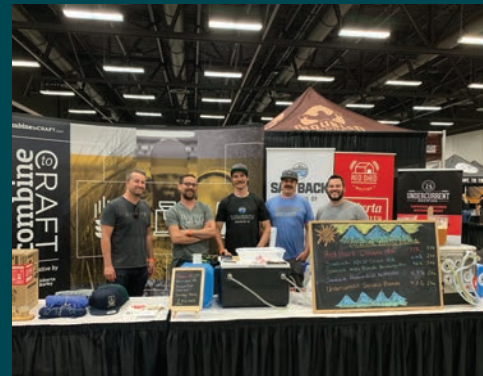
This past August for Open Farm Days, Life's Simple Ingredient went to Horseshoe Canyon, Alberta and set up a station at the country market to share recipes, sell cheese buns from Glamorgan Bakery and chat with rural and urban consumers about the nutritional benefits of wheat. It was a great way to start a dialogue and remind folks that wheat can be both a delicious and nutritious part of their diet.



### Kids' Education

This past Calgary Stampede, the Alberta Wheat and Barley Commissions unveiled our latest kids' education booth, Wally and Betty's Grain Gallery, which showcases the farm to fork process of wheat and barley. The booth uses augmented reality games to help guide the kids through harvesting the crop, milling wheat and feeding cattle high-protein barley.

For future events, Wally and Betty's Grain Gallery will be used at AmazingAg and Aggie Days in Calgary and Lethbridge to further engage and educate students, teachers and parents about the role agriculture plays in the community, the environment and the economy.



### Beerfest

Urban consumers' fascination with using high-quality local ingredients now stretches beyond the plate and into their glass.

At the 2019 Alberta Beer Festivals in Edmonton and Calgary, Alberta Barley shared a booth with micro-maltsters Red Shed Malting and three central Alberta breweries to tell the grain to glass story of our world-class malt barley. Serving craft beer made from local malt while explaining the Alberta advantage of long hot days and cool nights was a great way to engage and educate consumers on their favourite beverage.

# Recently completed research projects show promising results

David Simbo, Research Program Manager | Alberta Wheat and Barley Commissions

Research is the Alberta Wheat Commission's [AWC] biggest investment portfolio with the biggest portion of the commission's budget being invested into research projects. These projects seek to maximize profitability for wheat producers by developing new high-yielding varieties to meet market demand and improving crop performance.

13 AWC-funded research projects were completed in 2019. These completed projects cover a range of topics including, winter wheat development, developing new disease-resistant, high-yielding spring wheat varieties and the use of plant growth regulators as an agronomic tool.

You can review each of the 13 completed projects on [www.albertawheat.com](http://www.albertawheat.com). Below are a few of the completed projects in 2019:

**PROJECT**  
Development of spring wheat (SWS and SP) with higher yield potential for Alberta's bio-economy

**PRINCIPAL INVESTIGATOR**  
Dr. Harpinder Randhawa, Agriculture and Agri-Food Canada, Lethbridge

**OUTCOMES AND FINDINGS**  
Two varieties were registered: AAC Paramount, SWS; AAC Awesome, SP.

Parental lines with improved agronomic and disease resistance packages were developed to be incorporated into new elite lines.

**PROJECT**  
Developing new high yield wheat varieties (CPS and SP), for milling, the animal feed and ethanol industry in Alberta

**PRINCIPAL INVESTIGATOR**  
Dr. Dean Spaner, University of Alberta

**OUTCOMES AND FINDINGS**  
One variety (Sheba) was registered and later changed to a high-yielding CWRS variety.

Two promising lines were entered into their third and final year of cooperative registration trials, HY2082 for the CPS class, and NH050 in the CNHR class.

Over the five-year project (2014 - 2019) five MSc and five PhD students graduated.

**PROJECT**  
Expanding Alberta's capacity for hard red spring wheat breeding and the education of future scientists

**PRINCIPAL INVESTIGATOR**  
Dr. Dean Spaner, University of Alberta

**OUTCOMES AND FINDINGS**  
Eight CWRS wheat varieties were registered:

1. Parata [SeCan]
2. Zealand [Lefsrud Seeds]
3. Tracker [Canterra]
4. RedNet [SeedNet]
5. Ellerslie [SeCan]
6. Jake [Canterra]
7. Sheba [Penwest Seeds]
8. PT786.

**PROJECT**  
Plant Growth Regulators for cereal crops

**PRINCIPAL INVESTIGATOR**  
Dr. Sheri Strydhorst, Alberta Agriculture and Forestry & Dr. Linda Hall, University of Alberta

**OUTCOMES AND FINDINGS**  
93% of the time the PGRs significantly reduced plant height by 3 to 13 cm compared to no PGR application.

90% of the time the PGRs improved standability when lodging occurred.

59% of the time the PGRs treatments delayed maturity by 0.7 to 3 days compared to no PGR application.

56% of the time the PGRs significantly decreased thousand kernel weight by 1.1 to 3g/1000 seeds compared to no PGR.

**PROJECT**  
Best management practices to support the adoption of an ultra-early wheat seeding system across broad-acres in western Canada

**PRINCIPAL INVESTIGATOR**  
Dr. Dean Spaner, University of Alberta

**OUTCOMES AND FINDINGS**  
Seeding rates of 400 viable seeds/m<sup>2</sup> have shown benefit to both yield and system stability over more conventional seeding rates of 200 seeds/m<sup>2</sup>.

Fall-applied residual herbicides can be used in an ultra-early seeding system to maintain high levels of weed control without significant risk of crop injury.

The form of nitrogen had an influence on grain quality by increased availability of nitrogen later in the season through enhanced efficiency products.

All 12 wheat varieties tested showed similar performance in ultra-early seeding and in conventional seeding.

## Grain farmer code of practice

Trevor Bacque | Bacque 40 Communications

### New initiative designed to drive public trust for crop farmers

For a number of years now various agricultural groups have begun to tackle the issue of public trust and transparency with varying degrees of success.

The Canadian Roundtable for Sustainable Crops (CRSC) is hoping a new initiative will be a catalyst to drive positive public perception when it comes to grain farming.

A grain farmer code of practice is being developed from within the CRSC. Currently at the steering committee stage, its members are working to establish its structure, terms of reference and sub-committees. The CRSC Steering Committee chair is Cam Dahl, also the president of Cereals Canada. He believes the codes of practice for the animal industries (e.g., beef code of practice) are good blueprints upon which to draw inspiration.

"We are really looking at that model because those codes of practice have been very useful and effective," he says. "There's a reason why the animal industry has used those."

By mirroring the animal industries' success with a voluntary program, the grain industry will be able to demonstrate to customers and consumers that Canadian crops are being produced in a safe and sustainable fashion.

"It's a tool to help our customers both here in Canada as well as abroad," he says. "There are cases where having a code of practice in place would be very useful to assure against market access issues."

The Code Development Committee chair is former federal cabinet minister and grain farmer, the Hon. Ted Menzies. He knows from his time in government how important it is for people to have one communal source of information. The code of practice is no different in his mind.

"There's no central repository where a consumer can go and see what's the code of practice for this and code of practice for that," he says. "We're hoping for a publicly available place where people can see what farmers are doing."

Documented information will include details such as soil health, erosion, greenhouse gas emissions and more.

Menzies believes the voluntary program, slated to be up-and-running by Q1 2021, will be quite simple to implement because most farmers already operate in a very safe and sustainable manner. Now, it's simply a matter of show and tell.

"You keep records of what improvements you made to your house and in the same way farmers should be keeping track of what they do in their fields. So much of this is already collected for us, it's not going to be onerous."

At ground level, Bentley Alberta, farmer Jason Lenz is optimistic the code of practice will create solidarity within the industry as all members stand to gain.

"A code of practice will pull the ag industry together to work together to encourage public trust," he says. "I think Canadian farmers can be leaders

in turning down the volume of that uninformed noise we keep seeing and hearing in the news and the code of practice will be a big part of that."

Lenz is looking forward to the code of practice being developed and is eager to have one specific group of people involved. Consumers.

"The one thing that I've been pushing is that we can't have a bunch of farmers deciding this," he says. "It can't just be processors. There has to be consumers in this. We have to answer their questions. They have to be involved developing this code of practice."

Stay tuned for the latest information on the grain farmer code of practice in the coming months.



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# Keep it Clean!

Cereals Canada

Canada has a strong reputation for consistently delivering safe, high-quality grain and oilseeds to our international and domestic customers. Our farmers have developed this brand over many years and the Canadian grain industry depends on it to gain access to world markets.

Beginning with crop developers through to exporters and processors, it's the responsibility of every member of the value chain to do all that it can to preserve this hard-won recognition. Working together, we can grow the Canadian brand, preserving the high-value markets we have today and opening new doors for Canadian production.

## Follow the 5 Simple Tips

At the farm level, growers play a vital role in preserving markets. Follow these 5 Simple Tips to ensure your harvested crops meet the requirements of domestic and international customers:

- 1 Simple Tip #1: Use Acceptable Pesticides Only**  
Only apply pesticides that are both registered for use on your crop in Canada and won't create trade concerns.
- 2 Simple Tip #2: Always Read and Follow the Label**  
Always follow the label for rate, timing and pre-harvest interval (PHI).
- 3 Simple Tip #3: Grow Disease Resistant Varieties and Use Practices to Reduce Infection**  
Follow best practices like choosing blackleg and fusarium-resistant varieties, rotating crops and actively scouting for signs of disease.

- 4 Simple Tip #4: Store Your Crop Properly**  
Proper storage helps to maintain crop quality and keeps the bulk free of harmful cross contaminants. Canola must never be stored in malathion-treated bins, for example.
- 5 Simple Tip #5: Deliver What You Declare**  
The Declaration of Eligibility is a legally binding document and incorrect information can be traced back to the farm.

These tips are provided through a cross-commodity initiative called **Keep it Clean!** Visit [keepingitclean.ca](http://keepingitclean.ca) for more information on the **Keep it Clean!** program, including timely grower advisories and useful resources for canola, cereal and pulse growers.



## Barton's recent appointment a glimmer of hope for Canadian agriculture

Erin Gowriluk, Executive Director | Grain Growers of Canada



The year was 2017. Dominic Barton had just released his report to Bill Morneau's Advisory Council on Economic Growth citing Canada's agriculture sector as one which held tremendous growth potential. In turn, the federal budget set an ambitious target to grow Canada's agri-food exports from \$55 billion in 2015 to at least \$75 billion by 2025. Canada's agriculture sector was now in the limelight as a key driver of the economy. Roundtables brought industry stakeholders and government officials together to identify barriers to that growth. Everyone was working towards a common vision.

Then, just as quickly as it had started, the momentum ceased. Canada's once promising relationship with China seemed to sour overnight. Following a series of missteps, Canada's Ambassador to China, John McCallum was shown the door and Canada's agriculture sector became the target of political retaliation.

Then in the lead up to the 2019 federal election, a glimmer of hope. Prime Minister Justin Trudeau announced the appointment of Dominic Barton as Canada's new Ambassador to China. Yes, despite all of the challenges we face with one of our most important trading partners, there is some hope in this appointment. In his role as Global Managing Partner at McKinsey &

Co., Barton worked with many of China's largest state owned enterprises while living in Shanghai for five years. During that time, Barton was clear about his interest in deepening economic ties between the two countries. He also has a unique appreciation for the contribution that Canadian agriculture can make, calling it a "high potential sector." In his 2017 Report, Barton recommended the adoption of a vision statement: "Canada will become the trusted global leader in safe, nutritious, and sustainable food for the 21st century"—one he felt would appropriately reflect the strength of our starting position, as well as the global trends we are positioned to exploit. He also cited the absence of a preferential trade agreement with China as being a barrier to that growth.

While circumstances have changed since Barton penned his 2017 Report, it is clear that he recognizes two things: Canada's agriculture sector is poised to grow but it cannot reach its full growth potential without access to the Chinese market. While the realization of his vision would have been far more achievable under favorable circumstances, the fact that he has one and it includes Canada's agriculture sector, makes him the right person for the job today.

## Consultations on FN and DON as grading factors underway

Geoff Backman, Business Development and Markets Manager | Alberta Wheat and Barley Commissions

Alberta's farmers have noted a major change in grading and it hasn't come from the Canadian Grain Commission (CGC). Since 2016, Alberta Wheat Commission's (AWC) farmer members have had sales of their wheat conditional on falling number (FN) values. Specifically, farmers told AWC that their production was being rejected as milling grade due to samples not testing with a high enough FN, despite their wheat receiving a milling grade under official CGC grading factors. This left farmers with limited marketing options, resulting in significant levels of production entering the feed market at reduced prices.

It is our understanding that the Canada Grain Act allows buyers to reject wheat with low FNs as "out of condition". When exporters are questioned regarding this practice, the message is that it is being driven by the global acceptance of minimum FN requirements in export contracts. This is concerning for producers as it indicates that the CGC's grading factors are not representing the current demands of the global market.

Today the use of FN for evaluating farmer's wheat has become an entrenched and a standard practice in the industry, with even

feed mills conducting the test. Some farmers in Northern Alberta have even reported that certain elevators are demanding a sample from every wheat bin on a farm, and basing deals on the results. The industry-wide adoption of FN testing is a self-evident signal that the CGC grading factors are inadequate for global buyers.

Earlier this year the CGC launched a consultation into the proposed addition of FN and deoxynivalenol (DON) as official wheat grading factors. As these are objective values that would be collected through standardized testing, AWC participated in the consultation with a goal of exploring how far the CGC was willing to go to modernize the grading standards. For this consultation, AWC took the opportunity to contribute a submission and also arrange a call between our members and the CGC. Alberta's farmers had the opportunity to directly explain how they are already subject to FN tests in the country and to stress that objective tests need to be implemented into the grading factors as replacements for antiquated and subjective visual grading factors.

While the CGC heard that farmers are already being subjected to objective testing, the CGC was unable to guarantee that the addition

of objective grading factors would result in the removal of any associated visual factors, although the removal of visual factors for sprouted wheat was being considered. Further, the addition of DON testing was not going to replace the visual grading factor for fusarium damaged kernels. This was disappointing, as the CGC's proposal would result in a set of grading factors with both objective and visual factors. This would lead to an increase in the number of grading factors applied to farmers' production, any of which can determine a wheat's grade.

Overall, the addition of objective grading factors is something supported by our members; however, the expectation has been that the adoption of objective tests would result in the removal of visual grading factors. From our consultations, we now understand that this is not what is being proposed. We continue to ask for real modernization in how wheat grading occurs. The grading factors need to be reflective of those demanded by the global market. Grading should be based on objective tests as demanded by the global market and reliance on visual grading factors should be aggressively minimized.



## A message from Barley Council of Canada's new Executive Director

Erin Armstrong



It's great to be back in the barley world! I'm pleased to have joined Barley Council of Canada (BCC) in July as the new Executive Director following Phil de Kemp's retirement, who served in the role for four years. Prior to the 11 years I spent in the seed industry with CANTERRA SEEDS, I spent 14 years in the malting and brewing industry with Canada Malting and the Brewing & Malting Barley Research Institute (BMBRI). My time in the seed industry also involved working with barley, along with other western Canadian field crops.

BCC represents the barley value chain from research and development, to crop production to processing, with members from across the country. It underwent a thorough strategic review from late 2018 through mid-2019. Following the review and discussions with Cereals Canada, the boards of BCC and Cereals Canada agreed to build on collaboration and alignment between our organizations, leverage our resources and expertise and strengthen our working relationship, all of which is now underway.

BCC's focus areas have been streamlined and now include research, market development, market access, and communication.

BCC is the administrator of the National Barley Cluster, a \$10.2 million investment into barley research jointly funded by Agriculture and Agri-Food Canada and multiple barley industry stakeholders, one of which is Alberta Barley.

BCC is also collaborating with BMBRI and others in the development of a national barley research strategy and a barley research database, and with the Canadian Malting Barley Technical Centre and BMBRI led initiative to develop a malt barley variety uptake plan.

BCC will be facilitating the development of a barley market development strategy, including engaging all parts of the barley value chain in discussions on what else can be done in an evolving international market place for feed, food and malt barley.

Market access issues are critically important in today's volatile trade environment. Cereals Canada has a market access committee which addresses these issues, in which BCC will increase its participation. Communications is another area in which BCC will be working very closely with Cereals Canada. We can amplify our messages without losing the barley voice.

Lots of change is underway in the barley sector as well as across all agriculture sectors, regionally, nationally and internationally, with more to come. With change there is opportunity, and I'm pleased to be able to work with the barley value chain as we all move forward and take advantage of those opportunities!



# The Growing Point

## New high yielding CWRS varieties offer strong disease package and early maturing properties

Jeremy Boychyn, Agronomy Research Extension Specialist | Alberta Wheat and Barley Commissions

If you are not moving forward, you are moving backwards. This applies to variety selection on any farm. When a new variety is registered in Western Canada, it must meet minimal standards in disease quality and agronomic performance as set by “check” varieties already available in the marketplace.

Dr. Dean Spaner is a well-known wheat breeder at the University of Alberta in Edmonton. In addition to his role of developing students into future plant breeders and agronomists, Spaner has released 10 new varieties in the past six years that look to move Alberta producers forward in quality and yield.

Below is a list of some of the varieties Spaner’s breeding program developed. You will notice a focus on early maturing, high yielding and disease resistance.

### Ellerslie CWRS (2018 Registration - SeCan)

This awnless, medium maturing line provides yields 8% better than the Carberry check. With good resistance against leaf, stem and stripe rust, this medium height variety is in the beginning stages of seed production has great potential to provide value in the CWRS class. Available in 2021.

Trent Whiting, Alberta and British Columbia Marketing Rep and Parent Seed Coordinator for SeCan, who works closely with growers and seed producers said, “We are still learning about it but based on the four acres we had in 2018 it should be an excellent fit for anyone looking for an awnless CWRS with high yield, good sprouting tolerance and very good lodging tolerance.”

### Parata CWRS (2015 Registration - SeCan)

This variety holds great potential for those looking for a very early maturing variety. This high yielding, short variety also resists lodging well. Agronomically it has a great test weight and has good resistance to stem and yellow rust. Available in the 2020 season.

Trent Whiting describes this variety as “A perfect fit for those looking for early maturity, high protein and good overall disease package.” Whiting sees this as a direct replacement for AAC Redwater which is moving to the CNHR class next August.

### Jake CWRS (2018 Registration – Canterra Seeds)

This awned variety is an early maturing, medium height, high yielding line with 4% more yield than the check, Carberry. Lodging resistance is good compared to other cultivars with similar height. Great quality characteristics for CWRS along with good resistance to all three forms of rust, common bunt and loose smut. On top of this, it has intermediate resistance to Fusarium Head Blight (FHB). Large leaves make this a very weed competitive line. Jake is currently available.

### Tracker CWRS (2018 registration – Canterra Seeds)

Tracker is another awnless variety that is an early maturing, medium height and high yielding line. Average yield increase is 6% over Carberry. Tracker has strong agronomic characteristics for CWRS including high protein, resistance to the three rusts and high grain protein. It is also intermediate-to-moderately resistant to FHB. Tracker is currently available.

When asked about the Jake and Tracker varieties, Colette Prefontaine, the Alberta Pedigree Seed Territory Manager for Canterra Seeds said “[They are] for those that want to insert an earlier maturing wheat into their program without too much of a yield penalty; specifically, the Parkland and Peace River region comes to mind when discussing these two new varieties from Spaner’s program. All of Spaner’s wheat varieties have a very strong rust and leaf disease package; both Jake and Tracker have improved protein and yield numbers with improved standability.”

### Thorsby CWRS (2013 registration – Canterra Seeds)

Last but not least on the list, Thorsby is an early maturing, high yielding line with medium height and good lodging resistance (hopefully you are starting to see the trend in Spaner’s breeding program). Once again, these genetics have very good leaf and stem rust resistance. Thorsby is currently available commercially.

RedNet and Sheba, two other varieties from Spaner that were picked up by SeedNet and Penwest Seeds, respectively, also hold potential for being a valuable part of the CWRS class. RedNet has shown to have elevated FHB and deoxynivalenol (DON) resistance while Sheba has excellent resistance to rusts and bunts.

After viewing Spaner’s breeding program and seeing some of the varieties in the field, it’s easy to see why people are excited to see these varieties.

From an agronomic standpoint, it is always valuable to trial new varieties on your farm every year to understand potential of new genetics under your management and environment. These varieties are certainly worth trialing on your farm. For more information on varieties available in Alberta, check out [www.seed.ab.ca](http://www.seed.ab.ca).



Dr. Dean Spaner showcasing new varieties developed from the University of Alberta’s wheat breeding program.

**“If you are not moving forward, you are moving backwards. This applies to variety selection on any farm.”**

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# Policy TRACKER

Shannon Sereda, Government Relations and Policy Manager | Alberta Wheat and Barley Commissions

## The UCP's first 100 days in office

August 7, 2019 marked the first 100 days of government for the United Conservative Party (UCP) of Alberta. The 'summer of repeal' amongst other actions saw the **elimination of the Alberta carbon levy** through Bill 1: *the Carbon Tax Repeal Act*. With the Alberta plan repealed, notice was given to the province that the federal government will begin imposing its price on carbon of \$20 a tonne in Alberta on January 1, 2020. Pending the outcome of the federal election (not known at time of writing) Premier Kenney is poised to join other provinces in their constitutional challenge of the tax.

Further, this summer the UCP government undertook comprehensive consultations with farmers throughout Alberta as part of the UCP's promise to **repeal Bill 6 and replace it with the Farm Freedom and Safety Act** which is slated to be introduced in the fall. Some of the changes being considered included: exempting small farms from employment standards, allow for choice of market insurance or Workers' Compensation Board (WCB) as long as basic employment standards of coverage are met, as well as allowing for flexibility in meeting workplace standards in recognition of the unique needs of farming operations. Alberta Wheat and Barley Commissions were active in promoting the consultation dates and locations and encouraging members to participate in the online survey. The commissions submitted a letter to the Minister in support of the consultations, the intention of the changes and the need to retain basic safety standards. Also, we have expressed the need for continued support of AgSafe Alberta – a farmer-driven organization that provides a valuable service and contributes to a culture of safety on farm.

Other consultations underway in the province are related to cutting red tape. The UCP introduced **Bill 4: The Red Tape Reduction Act** seeking to report and reduce red tape including a new "one-in/one-out" rule for every new regulation created. Committed to cutting regulatory burdens to Albertans by one-third, the UCP have launched an online portal for public reporting. The commissions have submitted a lengthy list of identified regulatory issues on farm including: fusarium head blight regulation, orphan wells, water licensing, wetlands permitting, class 1 licensing and right to repair, to name a few. If there are regulatory concerns on your farm please let me know by emailing [ssereda@albertawheatbarley.com](mailto:ssereda@albertawheatbarley.com).

The legislative assembly will reconvene early as they begin sitting on October 8, 2019. You can expect the **provincial budget 2020** to be introduced on October 24, based on the Blue Ribbon Panel Report which was delivered to the public in September. While the Blue Ribbon Panel Report indicates an overall need for a reduction in spending, it remains to be seen how the budget will impact critical areas such as research funding. Alberta Agriculture and Forestry have indicated they will commence consultations on the research priorities of farmers subsequent to the budget. Stay tuned for an analysis from the commissions subsequent to the budgets' release.


## 2019 federal election

Moving on to **federal policy issues**, while the outcome of the **federal election** is not known at the time of writing, the commissions were active together with Team Alberta throughout the federal election. We prepared five questions directed toward party leaders related to: trade, the PMRA regulatory process, carbon pricing, Business Risk Management and the Canada Grain Commission surplus. Any responses received were posted to the newly launched Team Alberta website, [www.teamalbertacrops.ca](http://www.teamalbertacrops.ca). Further, key policy positions were circulated from Team Alberta to all party candidates in Alberta. Now with the election over we will look forward to engaging with government officials in the near future together with the Grain Growers of Canada.

## The Pest Management Regulatory Agency review of chlorpyrifos

Lastly, the **Pest Management Regulatory Agency (PMRA) released another proposed re-evaluation decision** which eliminates almost all agricultural uses of the active ingredient chlorpyrifos which threatens the crop protection product Lorsban. Lorsban is the only known option for

controlling both wheat midge eggs and adult populations. For brown wheat mite, there are no efficacious options to control this pest. With respect to cutworm (both pale western and glassy cutworms) products containing chlorpyrifos are the most effective control in wheat and barley crops. The commissions submitted to the consultation process expressing our concerns with not only the loss of the product but the continued flaws that exist within the PMRA evaluation process itself. This includes the fact that these decisions do not include cost-benefit analysis factors, combined with the assumptions that are made on an overly conservative basis, which do not differentiate between regional application and usage patterns. There are a number of outstanding final decisions that have yet to be released by the PMRA – notably related to the neonicotinoid seed treatments. We will continue to monitor these decisions and keep our members informed.



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## TEAMALBERTA



Team Alberta represents a working collaboration between four of Alberta's crop commissions: Alberta Barley, Alberta Canola, Alberta Pulse Growers and the Alberta Wheat Commission.

We work together with the aim to provide input to policy makers, ensure long-term access to markets, promote the sustainability of the crop sector, and advocate on behalf of farmers while enabling grass-roots advocacy by our farmer members themselves.

With a mission to drive profitability for Alberta's wheat and barley farmers, the Alberta Wheat and Barley Commissions operate with an integrated management team.

Our amalgamated staff results in administrative cost savings that allows the commissions to further advance innovative research, market access, farm policy and government relations. In this new era of collaboration, the Alberta Wheat and Barley Commissions serve as leaders in the Canadian agriculture industry.



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