FIELD NOTES

JUNE 2017 EDITION

Good news for SaskBarley check-off





Greetings from your Board of Directors.

This past winter has been eventful for SaskBarley on a number of fronts. At our 2017 annual general meeting, a unanimous motion was passed to amend SaskBarley's checkoff rate and to assume the responsibilities that had previously been funded by the Western Canadian Deduction, which will sunset on July 31, 2017. This is good news for Saskatchewan barley producers. With this mandate, we will: continue to fund breeding programs like the Crop Development Centre at the University of Saskatchewan and the Agriculture and Agri-Food Canada barley program in Brandon, MB.; partner with organizations like the Western Grains Research Foundation: and fund the Canadian

Malt Barley Technical Institute in Winnipeg. The consolidation of the barley check-off deductions will also result in a reduction in administration costs because there will only be one organization handling the funds, and because the number of transactions will be similar as before. This translates into more money available for research and market development. For more information about this change, flip to Pg. 6.

SaskBarley will also be holding elections this fall, along with a number

of other commissions. SaskBarley is working with these other commissions to simplify the process of voting and make it easier and more convenient for producers. This includes changing our bylaws and governance to allow for online voting, and simplifying the process of authenticating voter eligibility. The objective is to increase voter turnout and to provide a stronger voice for barley producers.

SaskBarley has also officially issued a call for nominations for this election

– flip to Pg. 3 to learn more about the nomination process and for nomination forms. This information is also available on our website. We encourage anyone interested to apply. It truly is rewarding work.

As always, please contact us for more information.

Jason Skotheim, Chair





Upcoming Events

Taste of Saskatchewan

July 11-16, 2017 Kiwanis Park, Saskatoon

SaskBarley will be a sponsor of the Chef's Series exhibit at Taste of Saskatchewan, which runs from July 11-16 in Kiwanis Park in Saskatoon. The exhibit will feature top Saskatchewan chefs competing to prepare dishes featuring Saskatchewan-grown foods, including barley. The exhibit will also celebrate the link between Saskatchewan-grown barley and beer.

Taste of Saskatchewan has been running for more than 20 years, and brings in approximately 100,000 people each year to enjoy tasty foods from more than 30 Saskatoon restaurants. The festival also features beer gardens and live music.

Agribition

November 20-25, 2017 Evraz Place, Regina

SaskBarley will be a sponsor of Agribition 2017, taking place November 20-25 at Evraz Place in Regina. We will be sponsoring the Commercial Cattle Show reception, taking place Friday, November 25, in the Watering Hole, right after the conclusion of the Commercial Cattle Show. If you plan to be in attendance, make sure to come by for a drink and see the latest on feed barley research at our booth!

CropSphere 2018

January 8-10, 2018 TCU Place, Saskatoon

CropSphere 2018 will be held at TCU Place, in downtown Saskatoon (same venue as 2014-2016). We had planned to stay at Prairieland Park for 2018 but, in light of their current space issues and delayed expansion plans, they are not able to host us for 2018.

We feel that a move back to TCU is in the best interest of the event for 2018. This space will allow us to give our attendees and sponsors the best experience in terms of location, space, speakers and sessions, food and beverage, and networking opportunities.

Visit www.cropsphere.com to learn more about next year's event. A full agenda and registration information will be posted this fall.

SaskBarley AGM 2018

January 8, 2018 TCU Place, Saskatoon

SaskBarley's 2018 annual general meeting (AGM) will take place Monday, January 8, 2018 at TCU Place. Watch for more information about this meeting from SaskBarley later this year.



2016-2015 Board Of Directors

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Call for Nominations for SaskBarley 2017 fall elections



The Saskatchewan Barley Development Commission (SaskBarley) is currently seeking nominations to fill three positions for the Board of Directors.

The producer-elected and -directed Board ensures producers have the resources, leadership and provincial, national and international representation to strengthen Saskatchewan's competitive advantage and makes

certain that producers' interests are protected.

To be eligible to sit on the Board, you must be a registered barley producer – i.e. any levy paying barley producer who has not requested a refund for 2016/17 (Aug 1, 2016-July 31, 2017).

Director responsibilities include:

 Supervising the management of the business and affairs of SaskBarley, including overseeing the management, strategic direction, and governance of the organization.

- Attending meetings approximately six times per year and conference calls as required.
- Representing SaskBarley at other meetings and events throughout the year.

Nomination forms are included in this newsletter or can be found at saskbarleycommission.com.

You can also request the forms by calling 306-653-7232.

Nomination forms must be signed by two or more registered barley producers. If the registered producer is a corporation, partnership or other legal entity, it can designate a representative to vote and to hold office. A proper form of designation (available online or from the Returning Officer) must accompany the nomination form for every director nominee or director nominator of a corporation, partnership or other legal entity.

Completed forms should be mailed, faxed or emailed to:

Returning Officer: Ann M. Smith Levy Central Manager

Mail:

PO Box 21038, Saskatoon, SK S7H 5N9

Courier or in person:

2335 Schuyler Street, Saskatoon, SK S7M 5V1

Email:

smitha@levycentral.ca

Fax:

306-975-6850

All nominations must be received no later than 4 PM CST, September 15, 2017.

Please direct any questions related to elections to Returning Officer, Ann Smith, at 306-975-6853.

Questions related to the Commission, the Regulations governing formation of the same or the collection of the levy should be directed to Delaney Seiferling, Communications Manager at 306-250-1099.

Voting Process and Results

If a vote is required, ballots will be mailed out to all Saskatchewan barley producers in late October. An electronic voting option will also be available. Election results will be announced in December and officially presented at the SaskBarley AGM in January 2018.

Director Nomination Form

Please print, except where signature indicated: I, will allow my name to stand for election to the Board of Directors of the Saskatchewan Barley Development Commission (SaskBarley). I am a producer registered with Sask Barley. A registered producer is any levy paying barley producer who has not requested a refund for 2016/17. (Aug 1, 2016-July 31, 2017).			
Nominated Candidate's Signature:			
Printed Candidate's Name:			
Name barley was sold under:			
Address:			
Telephone: Fax:	Email:		
My nomination is supported by the following 2 or more registered	d barley producers - SEE NEXT PAGE>		
Pursuant to Section 27 of the Barley Development Plan Regulations: (2) If a registered producer is a corporation, partnership or other organization, it must appoint an individual who is a director, partner, shareholder, member, officer or employee as its representative. (3) Appointment of a representative pursuant to subsection (2) must be filed with the commission in a form and manner acceptable to the commission. (4) A corporation, partnership or other organization is entitled to hold office only through a representative appointed pursuant to subsections (2) and (3).			
A proper form of designation (available online or from the Returning Officer) must accompany the nomination form for every director nominee or director nominator affected by this regulation.			
A Candidate Biography MUST accompany this nomination form. Candidate biographies must:	Nomination form & accompanying material must be received at the address below no later than 4:00pm, September 15, 2017.		
• be a MAXIMUM of 350 words in length	Earlier submission is recommended to allow time for verification and,		
• include a colour head & shoulders photo (.jpg format, at least 100Kb) submitted along with the candidate bio.	if required, additional information to complete the nomination form. Ann M. Smith, Returning Officer		
follow the format shown below:	Agricultural Council of Saskatchewan, Inc.		
First name, Last name	Mail: PO Box 21038, Saskatoon, SK S7H 5N9		
Farm operation information	Courier: 2335 Schuyler Street, Saskatoon, SK S7M 5V1		
Related experience	Email: smitha@levycentral.ca		
Outline opportunities and challenges for barley growers	Fax: 306-975-6850		
Other comments			
It is advisable to get more than two producers to fill out the form below supporting your nomination in case one of them is not currently a registered producer.			
Pursuant to Section 27 of the Barley Development Plan Regulations: (2) If a registered producer is a corporation, partnership or other organization, it must appoint an individual who is a director, partner, shareholder, member, officer or employee as its representative. (3) Appointment of a representative pursuant to subsection (2) must be filed with the commission in a form and manner acceptable to the commission. (4) A corporation, partnership or other organization is entitled to make nominations or hold office only through a representative appointed pursuant to subsections (2) and (3).			
A proper form of designation (available online or from the Returning Officer) must accompany the nomination form for every director nominee or director nominator affected by this regulation.			
Please print, except where signature indicated:			
Registered Barley Producer #1	Registered Barley Producer #2		
Signature:	Signature:		
Personal Name/Farm Name (name under which barley was sold):	Personal Name/Farm Name (name under which barley was sold):		
Address (PO Box or street):	Address (PO Box or street):		
City, Postal Code:	City, Postal Code:		



Designated Representative Appointment Form

Pursuant to Section 27 of the Barley Development Plan Regulations: (2) If a registered producer is a corporation, partnership or other organization, it must appoint an individual who is a director, partner, shareholder, member, officer or employee as its representative. (3) Appointment of a representative pursuant to subsection (2) must be filed with the commission in a form and manner acceptable to the commission. (4) A corporation, partnership or other organization is entitled to hold office only through a representative appointed pursuant to subsections (2) and (3).

This form is required to be submitted for both director nominees or director nominators.

As			
(Title, e.g. President, Secretary, etc.)			
of			
(Name of corporation, partnership, or other organization)			
(Address of Corporation, Partnership, or other organization)			
I hereby appoint			
(Print name of Designated Representative)			
to be the designated representative for the above corporation, partnership, or other organization as registered with the Saskatchewan Barley Development Commission.			
(Print Your Name)	(Signature)	(Date)	
(Fillit four Ivallie)	(Signature)	(Date)	



An update on SaskBarley check-off

You might notice a change in the way your barley check-off is administered, starting August 1

As of August 1 of this year, you will probably notice a change to your barley check-off payments.

The change is not an increase or decrease in the amount of check-off you pay, it's simply a change in the way it is administered and labelled.

Going from two check-offs to one

Up until now, you have been paying two checkoffs. The first is the SaskBarley check-off, of \$0.50 per tonne, which is used to fund research, market development and communications administered by SaskBarley. The second is the Western Canadian Deduction (WCD, also known as the Western Wheat and Barley Check-Off), which was \$0.56 per tonne and supported barley research programs

funded through the Western Grains Research Foundation (WGRF) and the Canadian Malting Barley Technical Centre (0.03 of this levy goes towards administration costs).

As of July 31 of this year, the WCD program will end and the \$0.56 per tonne will go directly into the SaskBarley check-off instead. This means you will only see one check-off deduction as of August 1, at a rate of \$1.06.

This change was made effective after a motion was brought forward at our annual general meeting earlier this year, for SaskBarley to take over the administration of the WCD.

The good news is that the changes will bring many advantages to barley check-off payers, including: increased efficiency and effectiveness of check-off administration; stronger and more direct representation for Saskatchewan barley farmers; and long-term stability for market development and public research programs that have and continue to serve farmers well.

We will also continue to provide long-term funding for the programs that the WCD supported, including core barley breeding and research programs and the Canadian Malting Barley Technical Centre, as long as they continue to provide value to Saskatchewan barley producers.

History of the WCD

The WCD was established by the federal government in 2012 as a transitional check-off on wheat and barley, with the intention that it would continue to provide stable funding for the Canadian Malting Barley Technical Centre (CMBTC) and to research initiatives administered through the Western Grains Research Foundation (WGRF). These initiatives included core funding agreements for public breeding, variety development and cluster projects. Prior to 2012, an export check-off on barley sold by the Canadian Wheat Board provided funding to these programs.

However, the WCD was designed to be temporary; to provide an operational bridge until each newly established provincial producer commission, including SaskBarley, had the capacity to assume check-off responsibilities internally. The WCD is set to expire as of July 31, 2017.

If you have any feedback on this issue, please feel free to get in touch with us at 306-653-7232 or info@ saskbarleycommission.com.

New Opportunities for Barley

Ongoing research at the Canadian Feed Research Centre is exploring potential for barley in feed

There's a lot of potential for barley in feed these days, says Rex Newkirk, the Ministry of Agriculture's Research Chair in Feed Processing Technology.

Newkirk is currently exploring a few of these

areas of potential, through the Canadian Feed Research Centre in North Battleford, SK.

One of his main areas of focus is exploring barley as a high-quality source of fibre in feed diets.

"In the past, we would have seen fibre barley as a negative thing, something that reduces the energy of our product therefore limiting some of the value of applications," he says.

But there's a growing

pushback in Canada and Europe against using antibiotics for treating gastrointestinal diseases and chronic neuritis in animals, so now researchers are looking at the gut differently.





Research being done by U of S students at the Canadian Feed Research Centre is looking at using hulless barley as a source of fibre for chickens and other livestock. CREDIT: Namalika Karunaratne

"Not only do we have to make the animal efficient and get them to grow fast, we also have to maintain a healthy gut and part of that has to do with the fibre in the diet," says Newkirk, who is also an Associate Professor at the University of Saskatchewan (U of S). "We're interested in what's naturally occurring in our crop that represents an opportunity to create a healthy environment and modify those ingredients to create a healthier gut."

The research, being carried out by U of S PhD student Namalika Karunaratne and supervised by Newkirk and U of S Professor Hank Classen, is currently looking at using hulless barley as a source of fibre for chickens and other livestock, due to its high beta glucan content.

"This fibre is probably beneficial because it's easily fermented, which will encourage the type of microorganisms that we want in order to have a healthier gut."

They are currently in the testing phase of this research.

Newkirk is also looking at the potential of increasing gut health by breaking off the hull in barley and breaking down the cellulose to make a much more fermentable material. He is also looking at the potential of the gizzard – the muscular part of a chicken's stomach that is used to grind food – to play a role in gut health.

"We now know that if we can get the gizzard to grind material, it will stay there longer, allowing the acid more time to treat it and kill microbes, changing the digestive tract for a healthier gut."

Overall, looking at the positive fibre aspects of barley may help to potentially make it more attractive as a feed ingredient, Newkirk says.

"If we can prove this then people will start actively seeking out barley for these feed diets and it would help us get larger segments of the market and higher prices."

Newkirk has also begun working on a project, partially funded by SaskBarley, that aims to deal with fusarium problems through processing. He has sourced a BoMill machine, which uses NIR transmittance to rapidly analyze grain at a rate of about 30,000 seeds a second.

"It shines infrared light through seed, allowing us to look at each seed from a chemical perspective. Basically, it looks at every seed and decides if it's high or low quality and then kicks out the low-quality seed."

Newkirk will begin this research later this year.

Overall, Newkirk has one goal for all his barley research, he says.

"I'm interested in learning, how do we help farmers get as much value out of their crop as possible," he says.

"My job focus is feed and how do we get as much value from the feed perspective as possible. But at the same time, I'm also interested in the whole value chain and getting as much value from this product as possible so if that means that three quarters of what we put through there goes to malt, so be it. We are really looking at all those opportunities."

About the Canadian Feed Research Centre

The Canadian Feed Research Centre (CFRC), opened in 2014, is a research feedmill owned by the University of Saskatchewan.

The CFRC's purpose is to research, develop and commercialize new and better high-value animal feeds from low-value crops and co-products from bioprocessing and biofuels industries.

The CFRC offers a broad range of research-scale capability, from laboratory to pilot plant to larger industrial-scale research.

The centre has three sizes of production, from laboratory scale capability, to pilot scale capability (approximately 5 tonnes/ hour), to industrial capability (approximately 20 tonnes/hour). The industrial component of the centre is leased out to industrial clients when it's not being used for scale-up projects or testing large quantities. The industrial component is also useful for teaching grad students, Newkirk says.

"It allows grad students to get in there and learn how things work from a real-world perspective and how things would work in a real place at full-scale production."

THE SASKATCHEWAN BARLEY DEVELOPMENT COMMISSION:

The Saskatchewan Barley Development Commission was established in 2013 under the Agri-Food Act, 2004

SASKATCHEWAN BARLEY DEVELOPMENT COMMISSION (SASKBARLEY)

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Canadian Publication Mail Agreement # 42883517