

G Mustard Grower

Mustard is a Must

Winter Edition 2016

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Chairman's Message

by Richard Marleau, Chair SMDC

I hope this newsletter finds you warm and well before the holiday season. As the days get colder we look forward to the coming festivities and any excuse to stay out of the elements.

Sask Mustard had a busy year and we look forward to seeing you at our Annual General Meeting, January 12 at 8:30 am at Prairieland Park, to review our activities.

There were four openings on the board of directors this fall, three of which were occupied and one vacant. There were three nominations received, including my own, and no elections were required as all nominees were acclaimed. Congratulations to Derek Dewar who will be serving his second term and Dean Haack serving for the first time. Special thanks to Murray Horkoff for his contributions at the board table over the past three years.

There will be an opportunity to fill the last position on the board by appointment at the AGM in Saskatoon. The board of directors are looking for growers to express their interest in the vacant board position during the annual meeting. If you have questions about what is involved with being on the board please contact myself or one of the other directors.

I would like to welcome the new provincial oilseeds specialist Mathew Bernard and look forward to working with him in the future. Mr. Bernard received his Bachelor of Science in Agriculture and Master of Science from the University of Saskatchewan in plant biotechnology. His previous

industry roles involved research and development in crop protection, as well as breeding. He began his career with the Saskatchewan Ministry of Agriculture in October 2016 and will be speaking at CropSphere 2017.

If you have any questions, comments or suggestions for SMDC activities, please contact myself, the office or any of the other directors to express them.

Best wishes for the holiday season and all the best in 2017.

Warm regards.

Richard Marleau
Chair, Sask Mustard

Mustard on the Menu

Cranberry-Orange Chutney
with Mustard Seed

Prep Time: 40 minutes Makes 5½ cups (1.25 L)
Serves 70 (1½ tbsp/20 ml/serving)

1⅓ cups / 325 ml	granulated sugar
½ cup / 125 ml	red wine vinegar
3 tbsp / 45 ml	olive oil
½ tsp / 2 ml	cumin
½ tsp / 2 ml	fennel
½ tsp / 2 ml	yellow mustard seed
1 cup / 250 ml	sliced red onion
1-1½ inch / 3.75 cm	piece fresh ginger, peeled, cut into matchstick-size strips
1 tbsp / 15 ml	minced, seeded Serrano chile pepper
¾ cup / 175 ml	water
1 lb / 500 g	fresh or frozen cranberries, thawed
½ cup / 125 ml	dried cranberries
¼ cup / 60 ml	orange peel, cut into matchstick-size strips
pinch	salt

Instructions

1. Measure, prepare and set out all ingredients and utensils prior to beginning actual recipe.
2. Bring sugar and vinegar to boil in heavy small saucepan, stirring until sugar is dissolved. Remove from heat and set aside.
3. Heat olive oil in large saucepan over medium heat. Add cumin, fennel and mustard seed. Stir until mustard seed starts to pop, about 2 minutes.
4. Add onion and cook until beginning to brown, stirring continuously.
5. Add ginger and chile peppers. Stir until chiles soften, about 2 minutes.
6. Add vinegar mixture, water, cranberries, orange peel and salt.
7. Simmer until juices thicken, stirring often, about 20 minutes. Cool, cover and chill. Place in jars.
8. Keeps well in the refrigerator for 3-4 days. Freezes well.

Per serving (70.92 g): 26.94 Calories, 0.06 g protein, 5.55 g carbohydrates, 0.29 g fibre, 4.96 g sugar, 0.63 g fat, 0.09 g saturated fat, 0 g trans fat, 0 mg cholesterol, 5.71 mg sodium

This recipe appears in the new
Mustard Makeovers & More
cookbook.

Market Outlook
Report Nov. 2016

Marlene Boersch
Mercantile Consulting Venture Inc.



Well known market analyst Marlene Boersch will provide the market outlook presentation at this year's annual meeting. In the article below, she examines the mustard supply situation

Canadian Mustardseed Balance Sheet				
	2013/14	2014/15	2015/16	F2016/16
Area Seeded ('000 ac.)	366	499	346	524
Area Harvested	361	482	329	511
Yield (bu/aca)	18.91	18.02	16.59	20.13
Production ('000 mt)	155	197	123	233
Imports	2	1	2	0
Total Supply	193	208	160	238
Exports	138	126	115	125
Total Domestic Use	45	48	40	45
Carry-out Stocks	10	34	5	68
Stock-Use Ratio	5.5%	19.5%	3.2%	40.2%

Merc., Nov. '16

It was a long, drawn out harvest this year, but the final SAF crop report states that Saskatchewan mustard seed was 99% harvested as of November 21st. This means that the full effect of both the increased area seeded to mustard seed and the better yield this year will be realized in the production number for this crop year.

Specifically, acreage seeded to mustard seed increased by 51% over last crop year, yield is ~ 21% better, and at 233,000 mt, the resulting 2016/'17 production is almost 90% higher than it was for 2015/'16. But due to the small ending stocks, supply this year is 'only' 49% higher than last year.

Quality took a bit of a toll this fall, albeit certainly not to the degree that cereals and pulses suffered downgrades. This year the #1 grade mustard seed pool is 14% smaller than 'normal',

but most of that shortfall shows up in the # 2 category. Hence 93% of this year's mustard seed still grades in the top 2 grades compared to the 96% 10 year average. This outcome will not be disruptive to export marketing, and there will

be more than sufficient supply to meet the anticipated mustard seed export demand.

Mercantile is projecting total mustard seed exports of 125,000 mt, up 9% from last crop year. Note that Agriculture and Agri-Food Canada is only projecting 115k mt of exports for this crop year. But Canada should be able to recapture some of the market share lost last year due to low supplies.

For example, total 2016 exports were 31% below those in 2015 and a full 38% below 2013 exports. Looking at

SK Mustardseed Quality				
	#1 CAN	#2 CAN	#3CAN	Sample
2006	84	15	1	0
2007	73	25	2	0
2008	83	14	3	0
2009	88	10	2	0
2010	64	23	8	5
2011	82	16	2	0
2012	84	12	3	1
2013	86	13	1	0
2014	56	30	12	2
2015	80	18	2	0
10 yr avg.	78	18	4	1
2016	64	29	6	1

Source: SAF, Nov. 21/'16

Do you have a story idea for the next newsletter, or an opinion on the mustard industry, or a great mustard recipe you want to share?

Please contact us at 306-975-6629 or email us at info@saskmustard.com.

the various countries, exports to the U.S. were 25% lower in 2016 than in 2015, and 16% lower than in 2013. Some of these variations are directly related to mustard seed acres in the U.S. In addition, export tonnage to Northern Europe was down 53% in 2016 relative to 2015, and down 72% relative to 2013. Especially some of the more recent drop is related to supply problems from Canada, but the other side of the story is increasing mustard seed production and supply from Black Sea countries, and especially Russia. Russian mustard seed production is very variable, but it increased by 26,000 mt (or 55%) from 2000 to 2015. Ukrainian mustard seed production is even more variable, but increased by 71,000 mt, or nine-fold. This means that in years of low supply, we are giving openings to Eastern European suppliers into our 'traditional' markets in northern Europe.

One positive piece of news is that a 'grocery' boat (a vessel loaded with relatively small tonnages of multiple commodities) that loaded in Thunder Bay carried 2,800-mt of mustard seed for Europe. Not a big tonnage, but a start.

Meanwhile mustard seed bids have remained firm, but this seems primarily related to farmers holding on to the product rather than selling their overages during harvest. However, our balance sheet shows that there is no shortage of product, and supply pressure will likely catch up with firm prices. Brown mustard seed may be the exception to this because of lower production and limited farm supplies.

Mustard Seed Exports by Destination				
Country (MT)	2013	2014	2015	2016
World	133,374	129,425	120,225	82,568
United States	60,868	62,552	67,553	50,920
Belgium	18,394	17,942	20,102	10,879
France	4,727	4,873	2,443	4,577
Japan	5,903	5,187	5,586	3,688
Senegal	1,942	3,049	3,282	2,095
Thailand	757	1,785	2,034	1,883
Korea, South	1,487	1,661	2,390	784
Brazil	1,040	1,470	789	634
Netherlands	8,005	7,582	2,906	972
Ecuador	295	581	893	509
Australia	820	1,158	946	701
Peru	479	635	668	409
Germany	17,447	11,417	2,099	574
Guatemala	261	395	310	361
Morocco	408	515	497	528
Bolivia	600	420	700	622
Greece	766	556	464	350
Venezuela	1,714	768	250	306
Switzerland	1,952	948	1,598	278
United Kingdom	696	494	474	192
El Salvador	133	133	152	133
Poland	1,663	906	540	322
South Africa	129	318	255	124
Finland	425	280	121	89
Chile	66	290	212	84
Other	2,395	3,510	2,961	553
% exports to USA	0.46	0.48	0.56	0.62
% exports to N. Eur.	0.38	0.33	0.25	0.21
% exports to Japan	0.04	0.04	0.05	0.04

Source: based on StatsCan data; note that data is based on calendar year, not crop year.

Sask Mustard AGM and Information Meeting at Prairieland Park

The Sask Mustard annual meeting remains on the Thursday of Crop Production Week, but for 2017 it will be in Hall E of Prairieland Park. There's a separate entrance to Hall E, so you won't need to pay to go into the Crop Production Show unless you want to.

Thursday, January 12, 2017

8:30 a.m.	Registration	11:00 a.m.	Variety breeding update <i>Bifang Cheng, Mustard Breeder, AAFC</i>
9:00 a.m.	Chairman's Address <i>Richard Marleau</i>	11:30 a.m.	Mustard promotion initiatives <i>Adele Buettner, Sask Mustard General Manager</i>
9:15 a.m.	The market for mustard ingredients <i>Carol Ann Patterson, The Pathfinders Research & Management Inc.</i>	12:00 p.m.	Lunch
9:45 a.m.	Agronomic news and views <i>Matthew Bernard, Oilseeds Specialist, Sask Ministry of Ag</i>	12:45 p.m.	Annual General Meeting
10:15 a.m.	Coffee	1:30 p.m. *	Mustard Market Outlook <i>Marlene Boersch, Mercantile Consulting Venture Inc.</i>
10:30 a.m.	A layman's guide to mustard breeding <i>Howard Love, Mustard Breeder, M21</i>		

* could be earlier or later depending on length of annual meeting

An Update from Sask Mustard

By Kevin Hursh

Saskatchewan's mustard acreage and production increased in 2016 thanks in large part to the attractive contract prices available in advance of seeding. By harvest time, spot prices for all three types of mustard were considerably lower than contract prices, but net returns were still favourable compared to other cropping options.

We hope the new Mustard Production Manual has been useful to producers. It is available at the recently remodeled www.saskmustard.com. Thanks to the Saskatchewan Ministry of Agriculture for compiling this information and for keeping it up to date.

Mustard 21, a collaborative effort of the Saskatchewan Mustard Development Commission and the Canadian Mustard Association, continues to be the vehicle for investing in new mustard varieties and conducting agronomic research. Having producers, processors and end-users all working together provides a great advantage to the sector.

The mustard industry is well represented on the Special Crops Value Chain Roundtable along with crops such as canaryseed, forages, herbs and spices, sunflowers and hemp. A main activity of the roundtable has been to lobby the federal government for a more favourable research funding

formula for minor acreage crops in the next agriculture policy framework.

The SMDC board of directors has invested time and resources into understanding existing markets and potential new markets for mustard and mustard ingredients. Our thanks to food scientist Dr. Carol Ann Patterson for all of her help and guidance. Investigating new food and industrial markets will help the board make appropriate investment decisions with the levy dollars collected from producers.

More information on marketing and activities from the last year will be available at the annual meeting.



Introducing Matthew Bernard Provincial Specialist, Oilseed Crops

Matthew is the Provincial Specialist, Oilseed Crops with the Saskatchewan Ministry of Agriculture. Matthew is a farm boy from Trossachs, Saskatchewan. He received his BSA and MSc from the University of Saskatchewan in plant biotechnology, where his thesis research investigated the molecular events underlying the biosynthesis of omega fatty acids (the “healthy oils”) in oat seed. His previous roles in private industry involved R&D in crop protection as well as breeding. He began his career with the Saskatchewan Ministry of Agriculture in October 2016, and still helps at the family farm whenever possible.

Minor Use Update for Mustard

By Ken Kirkland and Eric Johnson

Roundup Weather Max Preharvest

on yellow/white, brown and oriental.

This use is registered under the User Requested Minor Use Label Expansion (URMULE) program. The manufacturer assumes no responsibility for herbicide performance. Those who apply glyphosate to mustard do so at their own risk.

Authority 480 Herbicide (sulfentrazone).

Registration has been received through the Minor Use Program to add control of kochia at a rate of 219 ml/ha pre-plant or pre-emergence in mustards (yellow/white (*Sinapis alba*), brown/oriental (*Brassica juncea*) and Ethiopian (*Brassica carinata*). Apply in spring prior to planting or up to 3 days after planting, but before seed germination. When applications after planting are delayed greater than 3 days injury may occur. No

incorporation required but requires ¼" of rainfall to activate.

Precautions:

- Do not apply to soils classified as sand containing less than 1% organic matter.
- Do not apply to soils with pH greater than 7.8.
- Crop injury may occur in years with greater than normal rainfall.

This use is registered under the User Requested Minor Use Label Expansion (URMULE) program. The manufacturer assumes no responsibility for herbicide performance. Those who apply sulfentrazone to mustard do so at their own risk.

Quinclorac and Dicamba. Research continues at Agriculture and Agri-Food Canada, Research Station, Scott in 2016 to determine the tolerance of

yellow mustard. The Clever formulation of quinclorac is registered in brown and oriental mustard. **Note: Import tolerances (Maximum Residue Limits) for quinclorac residues in mustard have yet to be established by certain importing countries. Producers should check with their commodity buyer before application.**

Over the past decade, all the potential herbicides available have been screened to determine if mustard exhibits acceptable levels of tolerance. The screening has not identified any new potential candidates for registration. Considering the lack of new herbicide introduction, this activity will diminish until potential new products become available.



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New Director for Sask Mustard

Four director positions on the board of Sask Mustard were open this fall. Richard Marleau and Derek Dewar were returned as directors by acclamation. Murray Horkoff chose not to let his name stand again as a director. Dean Haack of Gravelbourg was nominated and elected by acclamation. Dean will begin his term at the annual meeting January 12 in Saskatoon. One position on the board remains open.



Hi. My name is Dean Haack. I farm and ranch with my wife Darcy in the RM of Glen Bain. We have 3 grown children who are all graduated and have moved on with their lives.

I am a 4th generation farmer on the family homestead which I take great pride in. On the grain side of my farm I seed oilseeds, pulse and cereal crops with a little chem fallow. On the ranch side we run Char-Red Angus cattle, having all calves feed out to slaughter weight.

I am looking forward to being on the Mustard Commission, getting to know the farmers and share ideas with the board members. One thing I would like to see is more chemical options for us mustard growers.

Sask Mustard board vacancy to be filled by appointment

The Sask Mustard board plans to fill the one vacant director spot with an appointed director chosen at the annual meeting in January. This will be a one-year appointment. Hopefully, the individual will allow his or her name to stand for election when the fall of 2017 rolls around.

At the annual meeting, registered mustard producers in attendance who are interested in serving on the board will be asked to identify themselves. If more than one

mustard producer is interested, each will be given a few minutes to introduce themselves to the meeting and say why they'd be interested in serving on the board. Then the mustard producers in attendance will vote. The successful producer will be appointed as a director.

Directors have their expenses covered and are also paid a per diem for time spent on Sask Mustard business.



Mustard Buyers List

1309497 AB Ltd O/A W A Grain & Pulse Solutions

PO Box 6345
Innisfail AB T4G 1T1
Tel: 204-582-2774
Fax: 306-582-2766

Agricom International Inc

213-828 Harbourside Drive
North Vancouver BC V7P 3R9
Tel: 604-983-6922
Fax: 604-983-6923

All Commodities (AC) Trading Ltd

1600 Two Mile Road
Winnipeg MB R2N 4K1
Tel: 204-339-8001
Fax: 204-339-8002

**Alliance Pulse Processors Inc
O/A A G T Foods**

6200 E Primrose Green Dr
Regina SK S7V 3L7
Tel: 306-525-4490
Fax: 306-525-4463

Besco Grain Ltd

PO Box 1390
Carman MB R0G 0J0
Tel: 204-736-3570

Broadgrain Commodities Inc

900 - 18 King St E
Toronto ON M5C 1C4
Tel: 416-504-0070
Fax: 416-504-0080

Canadian Exotic Grains Ltd

PO Box 444
Eston SK S0L 1A0
Tel: 306-962-4751
Fax: 306-962-3251

Diefenbaker Seed Processors Ltd

PO Box 69
Elbow SK S0H 1J0
Tel: 306-644-4704
Fax: 306-644-4706

Farmer Direct Co-Operative Ltd

1024 Winnipeg St
Regina SK S4R 8P8
Tel: 306-352-2444
Fax: 306-352-2444

Grain Millers Inc

301 - 10400 Viking Drive
Eden Prairie MN 55344
Tel: 952-983-1289
Fax: 952-983-1339

Ilta Grain Inc

8427 160th St
Surrey BC V4N 0V6
Tel: 604-597-5060
Fax: 604-597-4933

Montana Specialty Mills L L C

701 2nd St S
Great Falls MT 59403
Tel: 406-761-2338
Fax: 406-761-2338

Mountain States Oilseeds

PO Box 428
American Falls ID 83211 0428
Tel: 208-226-2041
208-226-9916

Olds Products Company of Il

10700 88th Ave
Pleasant Prairie WI 53405
Tel: 800-233-8064
Fax: 262-947-3517

Paterson GlobalFoods Inc

22nd Floor 333 Main St
Winnipeg MB R3C 4E2
Tel: 204-956-2090
Fax: 204-947-2386

S S Johnston Seeds Ltd

Box 3000
Arborg MB R0C 0A0
Tel: 204-376-5228
Fax: 204-376-2201

Sakai Spice (Canada) Corp

4201 2nd Ave N
Lethbridge AB T1H 0C8
Tel: 403-320-9445
Fax: 403-320-9446

Schluter & Maack G M B H

PO Box 408
Pilot Butte SK S0G 3Z0
Tel: 306-771-4987
Fax: 306-771-4980

**Seaboard Specialty Grains
& Foods**

201-2595 Quance St E
Regina SK S4V 2Y8
Tel: 306-565-3911
Fax: 306-565-3912

Sunrise Foods International Inc

200-306 Queen St
Saskatoon SK S7K 0W2
Tel: 306-931-4576
Fax: 306-931-6770

Victoria Pulse Trading Corp

600-850 West Hastings St
Vancouver BC V6C 1E1
Tel: 604-733-1094
Fax: 604-733-1097

Viterra Inc

2625 Victoria Ave
Regina SK S4T 7T9
Tel: 403-382-3418
Fax: 866-382-2243

Westland Agro Ltd

PO Box 551
Gravelbourg SK S0H 1X0
Tel: 306-648-3273
Fax: 306-648-3611

To check whether a
buyer is licenced and bonded by the Canadian
Grain Commission, go to www.grainscanada.gc.ca.

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Mustard Grower

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The Saskatchewan Mustard Development Commission

The Saskatchewan Mustard Development Commission (SMDC) was established in 2003 to represent the province's mustard growers.

The SMDC vision is "Investing in the future for mustard grower profitability," and the SMDC mission is "Growing the mustard industry for the benefit of growers through research, communication, and market development programs."

Mustard Grower is a publication of the Saskatchewan Mustard Development Commission (SMDC). *Mustard Grower* is committed to truth and accuracy; however SMDC disclaims any responsibility for any errors or omissions. Articles, opinions and comments expressed in *Mustard Grower* are not necessarily supported by the SMDC.

