

# Canaryseed News

News from the Canaryseed Development Commission of Saskatchewan (CDCS)  
& the Canaryseed Association of Canada (CAC)



## CDCS Annual General Meeting – January 12

Our annual Canaryseed meeting will be the afternoon of Monday, January 12 at the Saskatoon Inn.

For Crop Production Week 2015, some groups are still meeting at the Saskatoon Inn. Other groups are part of CropSphere at TCU Place on the Tuesday and Wednesday. A few groups are holding their meetings at Prairieland Park in conjunction with the Crop Production Show. The website [www.cropweek.com](http://www.cropweek.com) will be the best starting point for determining what's happening where.

As for our Canaryseed meeting, there's lots of interesting agronomic work to tell you about and we hope to finally have some real progress on human food approval. And of course we'll have a market outlook presentation. The market

outlook speaker is Alyssa Mistelbacher, a market analyst with FarmLink. Her focus is pulse and special crops.

We'll have another Canaryseed newsletter in late December with a full agenda for the annual meeting. There will also be information on [www.canaryseed.ca](http://www.canaryseed.ca).

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# Beginning of the end for itchy canaryseed?

*By Kevin Hursh*

“Did you hear the story of the farmer who insisted on growing more and more acres of itchy canaryseed every year?” asked the fellow who helps me with seeding and harvest. “Eventually, no one would work for him.”

He’s been dropping not so subtle hints for the past couple years that he’s getting tired of working with itchy canaryseed and to tell you the truth, I am as well.

The first day of combining isn’t usually too bad, but after five or six days, it gets really irritating. The tiny white hairs from the seed are all over the combine and you can’t help get them on your hands and inevitably you touch your face or rub your eyes.

The truck driver, often one of our sons, has it the worst particularly on those days when there’s no way to get away from all the dust while unloading.

The itch doesn’t seem to bother some producers as much as me. Maybe they have thicker skins or newer combines. I’ve also had producers tell me that the itchy component is a good thing because it discourages some producers from growing the crop, thus keeping the price higher.

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*Dr. Randy Kutcher from the University's Crop Development Centre and graduate student Louisa Paulina examined many canaryseed fields this summer to assess leaf mottle infection levels.*

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The more recent glabrous (hairless) varieties, CDC Togo and CDC Bastia are a pleasure to work with, but since they often don't yield as well as the older itchy varieties of Keet and Cantate, most of the production continues to be itchy.

The newest variety from Pierre Hucl's breeding program at the University's Crop Development Centre is CDC Calvi. It closes the yield gap a bit more. As breeding work continues, hopefully the yield gap between itchy and glabrous can be erased.

It's amazing to me that a price premium has never materialized for glabrous. Many years ago when the first glabrous variety, CDC Maria, was released, the term Canario was coined to differentiate the two. Unfortunately, buyers didn't really care what type they were buying. Maybe that was because the buyers weren't the people actually working with the product. Eventually, the term Canario was dropped.

## Canaryseed Research at Indian Head

The CDCS board travelled to Indian Head in July to get a tour of Bill May's work on canaryseed. Bill is with Agriculture and Agri-Food Canada at Indian Head. Much of the work occurs through IHARF, the Indian Head Agriculture Research Foundation. The work includes a micro and macro nutrient study which is where this photo was taken. Through Bill's work, we now know that chloride (applied as potassium chloride) often produces a yield response in canaryseed. There isn't a visual response, but there's more seed in the heads. In this study, other nutrients are being tried to see if they have an effect. The value of adequate phosphorus seemed clear when we looked at the trial.

In recent times, with some canaryseed being used in the health food market, there are a few buyer requests for glabrous.

All of Pierre's variety development work is with glabrous. Pretty difficult to get staff in open air plot seeders and combines to work with the itchy stuff.

All varieties registered to date are grey-seeded, meaning they have a grey colour when the hull is removed. Pierre Hucl also has yellow-seeded lines that are expected to be more aesthetically appealing for many food uses.

Food use approvals in Canada and the U.S. have been based on both glabrous grey-seeded and glabrous yellow-seeded types. Itchy canaryseed does not figure into the approvals.

As higher yielding glabrous varieties are developed and as a food market gradually develops, the days of itchy canaryseed may be numbered. Doesn't hurt my feelings.



*Left to right: Bill May, Kevin Hursh, David Nobbs, Gene Lahey, Lucas Sutherland and Lance Stockbrugger.*

## Canaryseed supply, demand and price projections from the market outlook for principal field crops report published by Agriculture and Agri-Food Canada in September.

### Canaryseed

For 2013-14, exports increased sharply from 2012-13 on higher EU-27 demand, mostly from Italy and Belgium. The EU-27 and Mexico remained the main markets, followed by the U.S. The average price decreased despite tight carry-out stocks.

For 2014-15, production is estimated at 146 Kt, up 15 Kt from last year, on a sharp rise in area which offsets an expected drop in yields. Supplies are forecast to tighten marginally on the lower carry in stocks. Exports are forecast to fall to 135 Kt due to the limited supply, and carry-out stocks are expected to tighten. The average price is forecast to increase from 2013-14.

	Canary Seed (a): September 18, 2014 (a)		
	2012-2013	2013-2014 (f)	2014-2015(f)
Area Seeded (kha)	136	85	121
Area Harvested (kha)	132	85	111
Yield (t/ha)	1.14	1.54	1.31
Production (kt)	150	131	146
Imports (kt) [b]	0	0	0
Total Supply (kt)	167	153	146
Exports (kt) [b]	137	164	135
Total Domestic Use (kt) [c]	8	n/a	6
Carry-out Stocks (kt)	22	n/a	5
Stocks-to-use Ratio (%)	15	n/a	4
Average Price (\$/t) (d)	585	500	510-540

(a) August-July crop year.

(b) Imports and exports exclude products.

(c) Total Domestic Use = Food and Industrial Use + Feed Waste & Dockage + Seed Use + Loss in Handling. Total domestic use is calculated residually.

(d) Producer price, FOB plant, average over all types, grades and markets.

kha: kilohectares

t/ha: tonnes per hectare

kt: kilotonnes

\$/t: dollars per tonne

n/a: not available

(f) forecast, Agriculture and Agri-Food Canada, September 18, 2014

# Human Food Use of Canaryseed

*by Dr. Carol Ann Patterson*

Regulatory approvals....still in motion and moving forward!

It's hard to believe one year has passed since the last report on the regulatory status of glabrous canaryseed appeared in September 2013's newsletter. Patience is indeed the key to the regulatory approval process.

That being said, there has been progress in both Canada and the United States. From the Canadian perspective, issues raised during the review process in 2013 and 2014 regarding mycotoxins, heavy metals and allergenicity have been addressed and the CDCS is awaiting further discussions with and hopefully a decision by Health Canada this year.

The good news on the U.S. side is that glabrous canaryseed has been deemed safe for human consumption for its intended conditions of use (e.g. baked goods, etc) based upon the consensus of a comprehensive review by three qualified US experts. This has resulted in a "Self-Determined GRAS". Consequently, the CDCS is now pursuing a "Letter of No Objection" from the US Food and Drug Administration (FDA) and has submitted a GRAS Exemption Claim and supporting documentation to that agency. Discussions are ensuing.

On another note, the CDCS received significant funding from the Agriculture Development Fund of the Saskatchewan Ministry of Agriculture to evaluate the nutritional composition of new brown and yellow glabrous varieties developed by Dr. Hucl's team and to further explore potential food uses of this gluten-free grain. This information will definitely support and encourage the use of glabrous dehulled canaryseed by the food industry.



## Nominations Open for Canaryseed Directors

**N**ominations are being accepted for three directors of the Canaryseed Development Commission of Saskatchewan (CDCS). Directors serve a three-year term and are eligible for re-election for one further term.

The CDCS was constituted by the *Saskatchewan Agri-Food Act* in February 2006. The CDCS board consists of seven elected directors who, as representatives of all Saskatchewan canaryseed producers, direct the operations and programs of the CDCS.

Directors are not paid a salary; however, they do receive a per diem for the actual days spent on CDCS business. Expenses are also reimbursed.

CDCS Directors attend approximately five regular board meetings per year and are sometimes called upon to represent the CDCS at meetings and major conferences that help shape the canaryseed industry. The total time commitment is typically fewer than six days per year.

To stand for office, nominate, or vote, a person must be a registered producer with the CDCS. A registered canaryseed producer is any producer who has had a Saskatchewan canaryseed levy deducted in the last three years. All producers selling Saskatchewan-grown canaryseed to registered buyers are automatically registered with the CDCS. A producer is no longer registered if they have requested a refund of their levy within the last two years.

A registered producer that is a corporation, association, society, or other designation is entitled to vote and to hold office through a designated representative who has been appointed in writing.

Nomination forms as well as Designated Voting Representative forms are available from the CDCS office, telephone: 306.975.6624. Forms must be returned to the Returning Officer no later than 12:00 p.m. (noon) on November 13, 2014. Forms need to be signed by three registered canaryseed producers. You may want four or five signatures in case someone who signs isn't actually registered.

An election (if required) will be held by mailed ballot with election results announced at the Annual General Meeting in Saskatoon, SK, January 12, 2015.

### Important Dates to Remember

**November 13, 2014** - Nominations close 12:00 p.m. (noon)

**November 27, 2014** - Ballots (if needed) to be mailed to registered producers

**December 19, 2014** - Last day for ballots to be received

**January 12, 2015** - Election results announced at the CDCS Annual General Meeting in Saskatoon

# Registered Canaryseed Buyers

Agra Canex Ltd.  
PO Box 669  
Eston SK S0L 1A0  
T: 306-962-4990  
F: 306-962-4994

Agricom International Inc.  
213 - 828 Harbourside Drive  
North Vancouver BC V7P 3R9  
T: 604-983-6922  
F: 604-983-6923

Agritel Grain Ltd.  
PO Box 808  
Beausejour MB R0E 0C0  
T: 204-268-1415  
F: 204-268-3805

All Commodities (AC) Trading Ltd.  
1600 Two Mile Road  
Winnipeg MB R2N 4K1  
T: 204-339-8001  
F: 204-339-8002

Alliance Pulse Processors Inc.  
PO Box 30029  
Regina SK S4N 7K9  
T: 306-525-4490  
F: 306-525-4463

Bornhorst Seeds Ltd.  
PO Box 71  
St. Gregor SK S0K 3X0  
T: 306-366-2158  
F: 306-366-2220

Broadgrain Commodities Inc.  
18 King Street East, Suite 900  
Toronto ON M5C 1C4  
T: 416-504-0070  
F: 416-504-0080

Clancy Seeds Ltd.  
PO Box 637, 153 1st Street SE  
Carrot River SK S0E 0L0  
T: 306-768-3566  
F: 306-768-3599

Commodious Trading Incorporated  
1205 Maple Road  
North Saanich BC V8L 5P7  
T: 250-652-7807  
F: 778-426-1807

Export Packers Company Ltd.  
107 Walker Drive  
Brampton ON L6T 5K5  
T: 905-792-9700  
F: 905-792-7421

Fill-More Seeds Inc.  
PO Box 70  
Fillmore SK S0G 1N0  
T: 306-722-3353  
F: 306-722-3328

Globeways Canada Inc.  
120 Traders Boulevard,  
Office 118 & 103  
Mississauga ON L4Z 2H7  
T: 905-712-1010  
F: 647-439-1335

GrainEx International Ltd.  
PO Box 7, 108 Broadway Street  
Sedley SK S0G 4K0  
T: 306-885-2288  
F: 306-885-2039

Ilta Grain Inc.  
8427 - 160th Street  
Surrey BC V4N 0V6  
T: 604-597-5060  
F: 604-597-4933

Keyser Farm Ltd.  
PO Box 339  
Cupar SK S0G 0Y0  
T: 306-723-4949  
F: 306-723-4656

Legumex Walker Canada Inc.  
1345 Kenaston Boulevard  
Winnipeg MB R3P 2P2  
T: 306-986-2200  
F: 306-664-3321

Maviga N.A., Inc.  
209 - 845 Broad Street  
Regina SK S4S 5Z8  
T: 306-721-8900  
F: 306-721-8988

Naber Specialty Grains Ltd.  
PO Box 1390, Highway 41A  
Melfort SK S0E 1A0  
T: 306-752-4115  
F: 306-752-2909

North West Terminal Ltd.  
PO Box 1090  
Unity SK S0K 4L0  
T: 306-228-3735  
F: 306-228-3877

Paterson GlobalFoods Inc.  
333 Main Street, 22nd Floor  
Winnipeg MB R3C 4E2  
T: 204-956-2090  
F: 204-947-2386

Prime Seeds International Inc.  
201 - 50 Lonsdale Avenue  
North Vancouver BC V7M 2E6  
T: 604-990-2500  
F: 604-990-2520

S.S. Johnson Seeds Ltd.  
PO Box 3000  
Arborg MB R0C 0A0  
T: 204-376-5228  
F: 204-376-2201

Seaboard Specialty Grains & Foods  
2595 Quance Street East, Suite 201  
Regina SK S4V 2Y8  
T: 306-565-3911  
F: 306-565-3912

Simpson Seeds Inc.  
PO Box 1136  
Moose Jaw SK S6H 4P8  
T: 306-693-2132  
F: 306-693-4489

SNTAJ Inc.  
35 - 303 Sunny Glenway  
Toronto ON M3C 2Z5  
T: 205-304-3769  
F: 270-447-1173

Toepfer International, Western Grain & Processing Division Ltd.  
#9 - 2155 Airport Drive  
Saskatoon SK S7L 6M5  
T: 306-657-3455  
F: 866-543-0703

Ventures West Processors Ltd. (dba Canpulse Foods)  
PO Box 280  
Kindersley SK S0L 1S0  
T: 306-463-4410  
F: 306-463-0060

Viterra Inc.  
2625 Victoria Avenue  
Regina SK S4T 7T9  
T: Local Viterra Facility

# The Canaryseed News



## **THE CANARYSEED DEVELOPMENT COMMISSION MISSION:**

*To coordinate research and market use expansion for the advancement of the canaryseed industry for the benefit of growers and other stakeholders.*

The Canaryseed Development Commission of Saskatchewan was established in 2006 under the Agri-Food Act, 2004

**CANARYSEED DEVELOPMENT COMMISSION OF SASKATCHEWAN (CDCS)  
& THE CANARYSEED ASSOCIATION OF CANADA (CAC)**

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