



Life starts with seed

20/20 NEWSLETTER

As We See'd' It

December 2009

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GMO Flax Testing Now Available



**Test for the presence of
CDC Triffid (PF967) -**

20/20 Seed Labs Inc has completed the proficiency requirement of the Canadian Grain Commission and can now accept samples of flax for GMO testing.

Please submit a 500 gram sample directly to our laboratory:

20/20 Seed Labs Inc
#201 509-11th Avenue,
Nisku, Alberta
T9E 7N5

The price per sample is \$105.00 and the turnaround time is approximately 48-72 hours.

Visit <http://www.grainscanada.gc.ca> for information on sampling procedures.

Contact us at 1-877-420-2099 for

Greetings!

Greetings!

I trust that this newsletter finds you all well. The past two months have been very busy with trade shows, workshops, grading courses and presentations.

Please note we do offer grading courses for any new and veteran seedsmen wishing to become graders of tables 1-6. We have the most up to date material and are happy to customize a course to meet your specific business needs.

Our season started very quickly and has continued to keep us on our toes. Seed quality across the Prairies for the most part is good and germinations are quite high. One of our concerns this season however is chemically injured seed; please take a few minutes to read our article which describes the symptoms and reasons for finding abnormal seedlings in some of our pea and cereal germinations.

This newsletter once again is packed with informative advice and helpful tips on seed and seed health testing.

On behalf of everyone here at 20/20 Seed Labs Inc, we would like to extend warm wishes to you and your families for the Christmas season and the New Year. All the best for 2010 and we look forward to being of service to you then.

Sarah

Sarah Foster, President and Senior Seed Analyst

Pre-harvest Chemical Damage

There are 2
main reasons



more information on flax testing.

Join Our Mailing List!



Congratulations to our Controller, Guy Lavoie who recently had a new addition, Lucas, to his family.



for poor seed quality in peas. One culprit is mechanical damage which is caused by handling the seed incorrectly



at various stages of the production process. The other reason is chemical damage by using a pre-harvest desiccant on premature or unevenly ripened plants. This causes chemical injury symptoms as shown in the above photo. Typically glyphosate products can cause seedling abnormalities and it is not recommended for seed. Diquat, which is registered for seed use can also cause injury if applied to crops that are ripening unevenly.

This year both the pulses and cereals are affected and symptoms of chemical injury are being observed in many of our samples. The concern is that the seed quality rarely remains stable and it is difficult to sustain a good germination. A seed lot that tests at grade shortly after harvest will almost certainly decline over time. Resubmitting samples for germination testing in Feb/March is recommended.

Click on the link below to view a recent video that appeared on www.realagriculture.com

<http://realagriculture.com/2009/11/13/agritrade-2009-glyphosate-damage-peas/>

Events Calendar

Come visit us at the following events and bring your seed samples for prompt delivery to the lab:

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**FarmTech 2010
Mayfield Inn
Edmonton
Jan 27-29, 2010**

>>>>>>>

Agromony Update

Meet Your STP



Hi, my name is Dustin Morton and I am the Molecular Technician at 20/20 Seed Labs Inc. I started at the lab in September and have been training on the molecular diagnosis of *Fusarium graminearum*, Clubroot and Varietal IDs.

I was born and raised on a dairy farm in southwestern Manitoba which my parents continue to farm with some beef and mixed crops. I completed the first two years of my B.Sc. Agriculture at the University of Saskatchewan in Horticulture and graduated this past spring from the University of Alberta with a major in Sustainable Agricultural Systems. My wife and I are expecting our first baby in January and are very excited about the new addition to the family. You needn't worry though, as the prompt service and excellent results you've come to expect won't be affected by the constant crying and diaper changes! I look forward to working with you in the

Stettler
Jan 19-20, 2010
>>>>>>>

coming months and wish you all the best in the New Year!

[Contact me at 1-877-420-2099 or click here to send me an email.](#)

Quick Links

[Our Website](#)

seed.ab.ca

Contact us!

newsletter@2020seedlabs.ca

or

Toll free 1-877-420-2099

Document Management Tips

****Export a CSV spreadsheet file of your test results.****

Using our search engine, first narrow your search down to the set of samples you would like to download a spreadsheet for then click on "Export".

If you don't have a username and password for our website please call us at 1-877-420-2099.

RSE Seed Grading Course

20/20 Seed Labs Inc. is pleased to provide a two day Seed Grading Course for seed plant managers, operators, and seed growers.

Courses will be held on Thursdays and Fridays throughout the month of February in 2010. Please call us to register.



Alternatively courses can be held on dates convenient to your schedule at our lab in Nisku, AB or at your location for groups of 5 or more.

Other courses are also available for all grading classes. Please contact us for further information.

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