



20/20 Seed Labs Inc - Newsletter

As We See'd' It

February 2009

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Seed Row

'Featuring our clients in the Seed Industry'



Rick Rutherford is one of Manitoba's most innovative seedsmen and has a very impressive track record.

Rick has been involved in many aspects of the Agricultural industry. He has a retail seed business as well as operating his 3,500 acre seed farm. In addition, he also operates a large seed cleaning facility which he recently expanded. He conditions 450,000 to 500,000 bushels of seed annually

[Click here to read the full article!](#)

Events Calendar

**Applied Agronomy
Conference Olds College -
Feb 17, 2009**

**Ag Expo - Exhibition Park,
Lethbridge - Mar 4-6, 2009**

**Northlands Farm & Ranch -
Edmonton - Mar 25-28,
2009**

Greetings!

Welcome to our February edition of "As We See It". I write this section having just landed back in the laboratory after a whirlwind three weeks of trade shows, conventions and meetings.

I have enjoyed meeting up with many of our clients and have also met many new industry folks. I find this time of the year most enjoyable and appreciate the many topics that we have spoken about.

I hope you enjoy the articles we are bringing to you in this newsletter including our new client feature called 'Seed Row' and the new email format of our newsletter.

Sarah Foster, President and Senior Seed Analyst

Germination and Seed Quality

Seed dormancy evident in some areas of the prairies

Seed quality is very much on our minds right now as we know you are either planning to purchase new seed or use your own seed. Overall the quality of seed this year in Alberta and across the Prairies has been relatively good.

There are the odd regions where the growing conditions were too wet and cold leading up to harvest and many fields were swathed and not harvested for several weeks. Seed in this environment will not mature properly and will develop dormancy.

Vigour may be lower than normal

The vigour will almost certainly be lower and therefore seeding dates and planting depth must be monitored more rigorously. At 20/20 Seed Labs Inc, we pride ourselves in giving detailed reports of analysis.

Mechanical damage is prevalent in peas

Pea germinations are moderate and are grading 80% germination with mechanical damage responsible for most abnormalities. These symptoms lead to uneven emergence and more pathogenic activity. Peas are also very susceptible to glyphosate damage.

Seed-borne pathogens are a serious threat

Barley germinations are relatively strong, with some "root rot" (*Cochliobolus sativus*) present in some tests. We are also seeing glyphosate damage when it has been used as a pre-harvest desiccant.

[Click here to read the full article!](#)

Fusarium graminearum Testing

- we are finding a significantly higher number of samples with *Fusarium graminearum* this year. Year to date (Aug-Jan), 6.5% of the cereal samples have tested positive verses 1.9% for the same period last



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or
Toll free 1-877-420-2099

year. Make sure your grain is tested and understand the difference between the types of tests! (DNA verses plate). [Contact us to learn more!](#)



Authorized Exporter Program - this new program is now underway and we are very proud to be the only non-government lab to be able to offer all of our customers the ability to sample and test their seed for export with an ISTA Orange International Certificate. Please contact us for details on joining the AEP.



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