

SG August Newsletter & Field Day Re-Cap

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SURE GROWTH
• SOLUTIONS INC. •
THE MOST VALUABLE INPUT ON YOUR FARM



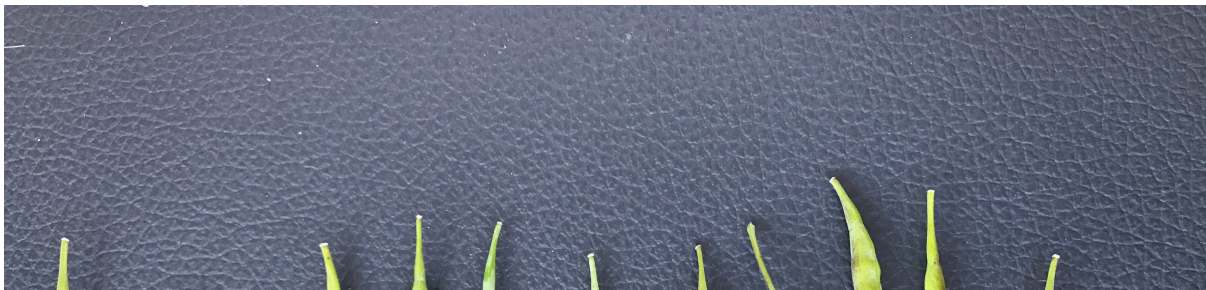
NEWSLETTER August 1st, 2018

Our Mission

Sure Growth Technologies Inc. is a group of professional consultants dedicated to helping growers utilize scarce resources. We strive to simplify, implement and support sustainable and profitable strategic growth of our progressive Ag partners.

Our Vision

We put our Client needs & goals first to provide tailored precision strategies built on sound agronomy and innovative technologies supported by a passionate network of knowledgeable people. Our goal is to be the most valuable input on your farm.





Current Updates!

Bug season is still in effect until ripening of the crop is done. These insects are still out and about. There is still that chance that it can damage your crop yield:

Diamondback Larva: Damage -- mature larvae cause leaf, stem and pod stripping.

Lygus Bug: Damage -- suck sap from leaves, stems, flowers, and pods.

Cause flower blasting and shriveled seeds.

Cabbage Seedpod Weevil: scouting occurs when the insect is an adult, but the most damaging stage is done by the maggot of the cabbage seedpod weevil.

Larvae eat developing seeds, causing yield loss.

Bertha Armyworm:

And many others...

With that in mind keep on the lookout, protect your investment in your crop. Sure Growth has been doing sweeps and bug counts for economic threshold throughout the season, however, we have not been seeing the pressure. But things can change overnight.



Welcome to the 2017 Sure Growth Technologies Field Day

Thanks to our Sponsors

GOLD Sponsors:



SILVER Sponsors:



BRONZE Sponsors:

Sharpe's Soil Services Ltd.



The Sure Growth team would like to send a huge thank you out to everyone who pitched in, making the day so successful! A special shout out to our sponsors for the event, we could not have done it without our Industry Partners. We kicked off the day with some really great informative speakers, then headed out on the tour where we had many other great speakers.





Sure Growth Field Day Highlights

While the entire day was outstanding, we also wanted further thank our speakers for sharing some of their wisdom. We had the pleasure of having some of our Senior Coaches & some very knowledgeable industry partners attend and present at the field day. Some of the biggest takeaways from the day were focused on increasing plant health, increasing yield & increasing profitability.

Product Innovation Specialist with ATP Nutrition - Dan Owen

Stress of a plant can be related to the stress our bodies go through during a hangover. You need to give plants proper nutrition and hormones to overcome the stresses throughout the season. Dan explained that some of the biggest stressors a plant goes through are also during some of the most critical and crucial periods during the growing season. Planting/Germinating, Herbicide Stress, Reproduction, & Fungicide. Every pass over the field you should be feeding your crops, giving them season long nutrition to help them overcome those stressors & maximize your yield potential.

President of SW MB/ SE SK with Taurus Ag - Craig Davidson

Crystal Green is the first continuous release nutrient technology to provide root activated Phosphorous. Craig shed a light on this new amazing product is taking "waste" phos out of water from cities and manufacturing it into a plant usable form of fertilizer. Crystal green is also water-insoluble and is root activated, meaning that the plant controls the release of the product. Additionally, as the plant requires less phosphorous throughout the season, the nutrient release from Crystal Green is reduced, minimizing excess phos in the soil and lowering the risk of tie-up, leaching, and runoff. Another key feature of this product is that it has a low salt index.

Senior Agri-Coach with Agri-Trend - Elston Solberg







"It all comes down to this: Moisture in the ground is a certainty, rainfall is a probability." - Professor Les Henry

So why are we not measuring what we know is in the ground? Elston has been doing work with the experts at South Country Equipment and Crop Intelligence to help develop their Soil Moisture Probes and Analysis App. Crop Intelligence is a way of

measuring your crops "Water Driven Yield Potential." Once you know your crops water driven yield potential it is easier to make in-season decisions to help capitalize on the extra potential crop yield.

Senior Agri-Coach with Agri-Trend - Mike Dolinski

Crops go through many stages of stress throughout the growing season and how a plant manages and overcomes the stress periods will determine how it will set its yield. Mike shared some pictures that showed us just how early in the plant's lifecycle reproduction starts in a plant. It is important to make sure that plant stress is reduced as much as possible throughout the season to ensure we capture as of the crops genetic yield potential as possible.

| BLACKLEG FIELD RATING SCALE | |
|--|---|
| Score blackleg for each clipped tap root using the following scale | |
|  <p>0</p> | No diseased tissue visible in the cross section. |
|  <p>1</p> | Diseased tissue occupies 25% or less of cross section. |
|  <p>2</p> | Diseased tissue occupies 26-50% of cross section. |
|  <p>3</p> | Diseased tissue occupies 51-75% of cross section. |
|  <p>4</p> | Diseased tissue occupies 75% or more of cross section. |
|  <p>5 Peng, AAFC Saskatoon</p> | Diseased tissue occupies 100% of cross section, with significant constriction of affected tissues; tissues dry and brittle; plant dead. |

2018 Scouting

2018 scouting has come to an end for Sclerotinia and Fusarium Head Blight. However, Justin and Courtney are still keeping a close eye on the Blackleg that is

showing up in Canola. Blackleg increases the risk of yield losses in a canola. This disease likes the warm moist regions of the field, it thrives in climates where it rains a lot. If you have been experiencing this type of weather it would probably be beneficial to go out and scout your canola for the early symptoms of Blackleg. Managing the disease is as easy as having a good rotation year to year, growing resistant varieties, growing certified seed and watching for the volunteers/weeds. Keeping those things in mind while walking through your canola field will be very helpful when it comes to diagnosing Blackleg.

Scouting is Key, catching it early & Protection through fungicide application

Get in touch with us at Sure Growth as our team if you would like assistance in assessing disease risk!



[Watch On-Demand Precision Ag Webinars from Trimble](#)

Trimble Ag Software Feature

Crop scouting is something that can benefit each and every field. With the Trimble Ag webinar app that is linked below, learn three key reasons to scout including yield and investment preservation, hear how some people share their real-life scouting tips for farms that vary in sizes, and lastly, there is a demonstration of how the Trimble Ag Software works. These webinars are very beneficial when it comes to learning how to use the app itself for scouting but also learning from other peoples experiences.

Click Here to Watch the Available On-Demand Webinar





Upcoming Events/ Training Opportunities

- Langenburg Sharpes Crop Services Field Tour Day | August 2nd, 2018 | Langenburg, SK
- 2018 International Clubroot Workshop | August 7th, 2018 | The Sutton Place Hotel | Edmonton, AB
- 28th Commonwealth Agriculture Conference | November 5th - 8th | Edmonton Expo Center | Edmonton, AB
- Grain World 2018 Conference | November 13th - 14th, 2018 | Winnipeg, MB
- 9th Canadian Workshop on Fusarium Head Blight and 4th Canadian Wheat Symposium | November 19th | Fairmont Winnipeg Hotel | Winnipeg, MB
- Agricultural Excellence Conference | November 26th - 28th | Fort Gary Hotel | Winnipeg, MB
- Farm Forum Event 2018 | December 4th - 6th | Calgary Telus Convention Center | Calgary, AB

The Sure Growth team is continuing to update our clients with a monthly newsletter. If you have something interesting that you would like to share with the other growers and our team, please feel free to let us know! You can email Courtney at ctuck@AGRI-TREND.com or reach her on her cellphone at 1(306)229-3616.



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