

Sure Growth October Newsletter

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



NEWSLETTER October 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.





Canadian Weather

Current Updates!

Well, unfortunately Canada lived up to its comic stereotype of weather. A little bit of snow fell the last week of September, putting harvest on a pause. With wet harvest conditions going forward in parts of Canada, you guys will probably want to get back into the fields as quickly as possible to maintain and harvest as much yield and quality as possible. Luckily the ground is still a bit warm so that the snow melts quickly and hopefully there are some warmer windier days in your forecast to help dry that grain for harvest. We hope that the rest of your harvest goes well and that things have not been negatively impacted for you due to this weather. However, due to the conditions we thought we would share some Grain Storage Issues that result from a wet cool fall that Earth Dirt Soil has provided.





Grain Storage Issues with a Wet Cool Fall

"Cooling the grain is really the secret to preventing grain spoilage during storage."

"Temperature and moisture levels in stored grain are key to safe grain storage. Typically, storage grain insects become more of a concern when grain is stored hot. Insects at temperatures like 30 Degrees C multiply very rapidly, however, only a small number of stored grain insects in and around a bin can become established in a bin and under ideal conditions, multiply rapidly. Grain is a good insulator and all the heat trapped in the grain cant easily escape without aeration. Fortunatley, most modern large grain bins are aerated to extract the heat and a large amount of moisture to prevent spoilage. However, aeration may not solve all storage spoilage from fungi and insects. So around Christmas, without aeration and a build up of heat, insect populations and fungal growth can reach easily detectable levels and cause market and quality issues."

Insects:

"Stored grain insects dont infest standing grain, so bins become infested by resident insects in specific bins or by insects flying around the farm yard during the warm summer conditions. The primary insect of concern is the Rusty Grain Beetle, as it is very tolerant to cold conditions."

"The best protection against stored grain insect infestations is to keep the bins clean and treated with a protectant of some kind (diatomaceous earth, insecticides registered for grain bin treatment), and the bin free of moisture."

Fungal Damage:

"Fungal spores can accumulate in bins if they are not cleaned regularly and spores can come into the bin with harvested grain. If temperatures and moisture conditions are sufficient for fungal growth, grain can become contaminated and unfit for human consumption. Fusarium, Aspergillus, and Penicillium species are frequent causes of grain spoilage. In the event of spoilage conditions (usually detected by rising temperatures in the bin and odour of spoiling grain), use caution when handling grain."

Think of it this way:

If you had \$50,000 of cash hanging in a pail in your bin, how often would you check to see that it was still safe? No difference with your grain.





Earth Dirt Soil

"Where Farming and the Future come together."

Sure Growth has teamed up with Earth Dirt Soil!

Earth Dirt Soil is an Agronomist training and Support group. Their intent is to bring coaches and agronomists together so that, they, as a group can teach, coach, inspire, and support to ultimately help farm clients make even better decisions. They help guide us so that we are able to guide you better.

"The group, logo, and name are new, to be sure, but the people behind the venture have quite a lot of experience. The new company called Earth Dirt Soil is set to offer "the kind of coaching coaches need."... Earth Dirt Soil will house at least a few of Agri-Trend's former Senior Agri-Coaches."

[Click Here to Read More!](#)



Soil Sampling 2018

Knowing what nutrients you have left over in the soil helps when the craziness of spring rolls around. Soil samples can help us understand more about your soil, such as how much residual nutrients are left over from the previous crop years. Having this information can save farmers time and money.

in 2018, Aberhart Farms Inc. soil samples determined that there was about \$10/Ac in residual nitrogen from our previous crop year that was still plant available. This

allowed the farm to apply less nitrogen than expected in their season and focus on other nutrient strategies across the farm in addition to reallocating resources to where they were most needed.

In other fields soil sampled, we found up to about \$15/acre in residual nitrogen. This data allows us to target our nitrogen recommendation for each crop, applying the right source, right rate, right time and the right place for our nutrients to follow a four nutrient stewardship. This allows us to reach goals such as increased production, increased on-farm profitability, enhanced environmental protection, and improved sustainability.

Nutrients in the soil are essential, these nutrient levels vary from year to year which is why it is so important to perform soil sampling and testing prior to planting any new crop.



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

Trimble Ag Software Feature

"Tips for Understanding and Maximizing Farm Software ROI" On Demand Webinar

Its more important than ever for farmers to have a firm grip on their return on investment, whether it be in relation to equipment, farmland, applications, or farm software. Trimble's free webinar this month helps farmers understand how they can maximize their farm software ROI to drive profitability and overall efficiency.

In this webinar, farmers will...

- learn how to determine the ROI of Farm Software
- get actionable tips for maximizing farm profits
- hear numerous real-life case studies of how farmers increased their ROI by using farm data

[Click Here to Watch the Available On Demand Webinar](#)

[CLICK HERE TO WATCH THE AVAILABLE ON-DEMAND WEBINAR](#)



Upcoming Events/ Training Opportunities

- 28th Commonwealth Agriculture Conference | November 5th - 8th | Edmonton Expo Center | Edmonton, AB
 - Precision Ag Conference | November 14th - 15th, 2018 | Radisson Hotel | Saskatoon, SK
 - 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
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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 courtney@suregrowth.ca or reach her on her cellphone at 1(306)229-3616.



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