

NOTE FROM OUR GENERAL MANAGER

I'd like to reach out and thank our customers for their continued support of Sturgeon Valley Fertilizers. We've been serving this community for well over 50 years and this last year has certainly been like no other. Just when we thought fertilizer prices had leveled off at record highs, Russia invaded the Ukraine and we've watched wholesale prices jump up to another new level. SVF has continued to invest in more fertilizer infrastructure so we will have 90% of our total needs on-site when seeding starts. More than ever before it's crucial that we are aware of your input needs. Fertilizer, chem, and seed are all extremely difficult to access on short notice, so please work closely with our team to ensure we have what you need when you need it. We are very much looking forward to a safe and successful year.

~Doug Laird



RESEARCH 2022

Hello friends and family of Sturgeon Valley Fertilizers! SVF is getting ramped up for another busy season and wanted to share some exciting research we will be working on this year. This company is dedicated to staying up to date on innovation and new products being brought into the marketplace. We will continue to do research on these products and bring them forward to our customers to keep them profitable and grow the highest yielding crops possible!

01. TRIAL

One trial we are very excited about will feature Crystal Green; This is a root activated phosphorus and magnesium-based product (5-28-0-0-10Mg) from Taurus Ag. The roots of the plant release citrates which causes the crystal green to slowly be dispersed into solution. The continual release allows the phosphorus to be available throughout the season when the plant needs it most. The phosphorus can't be tied up or run-off. Crystal green also has a very low salt index and is very seed safe. This trial will be over 3 years at 3 different sites, and will compare nutrient uptake, P availability, and the effect on vigor and yield in field crops.



02. TRIAL

The second fertilizer trial we will have this year is Sul4+ (0-0-0-17-21Ca) also from Taurus Ag. Sul4+ is a controlled release sulfur product that also contains a large amount of Calcium. Sul4+ has a very low salt index and helps to feed the biology of your soil. The trial will allow us to see the effect of adding Calcium to acidic, low calcium soils. There will be 10 trial sites with a strip of Sul4+ overlaid across their typical fertilizer blend at 250lbs/acre.

Biological stimulants have been a hot topic in the agriculture industry lately, so we will be dipping our toes in this arena as well. Envita by Nexus BioAg (azotic) and Utrisha N from Corteva use biologicals to increase the efficiency of Nitrogen use and boost yield in your crops. These products are very interesting with the rising cost of fertilizer we are facing. We will compare the two products and see if there is a boost in the health and yield of field crops. Increasing nitrogen later in the growing season could increase the protein in your HRS wheat. We would be very excited to do on farm-trials with these products, if anyone has an interest in participating please let us know.

03. TRIAL



We have been looking into cereal inoculants focusing on BioniQ by Nexus BioAg this year. This product is said to use biologicals to improve nutrient and moisture uptake in cereal crops. It will help support root and shoot growth and improve yield of the crop. We will be testing if this product will increase yield while also remaining profitable.

04. TRIAL

05. TRIAL

Biological food sources for your soil have also been spoken about lately as well. Phycoterra by Heliae Agriculture and Stella Maris by Acadian Plant Science are a food source for your soil that can improve soil health and thereby crop health. They help improve water holding capacity, and nutrient availability. Our goal is to see if these products stand up to their claims and if we can see a return on investments.



06. TRIAL

For our final trial, SVF will be continuing with our SVF Super Canola Plot. The trial will consist of our trusted varieties, as well as many new and experimental varieties the companies are bringing forth. We hope to find the highest yielding and most reliable varieties to bring to our growers.

PRODUCT RESOURCES

CRYSTAL GREEN

WWW.CRYSTALGREEN.COM

SUL4+

WWW.TAURUS.AG/PRODUCT/SUL4R_PLUS_FERTILIZER/

ENVITA

WWW.NEXUSBIOAG.COM/PRODUCTS/ENVITA

UTRISHA

WWW.CORTEVA.CA/PRODUCTS-AND-SOLUTIONS/CROP-PROTECTION/UTRISHA-N.HTML

STELLA MARIS

WWW.ACADIANPLANTHEALTH.COM/ACADIAN-SEAPLANTS-LIMITED-LAUNCHES-ACADIAN-PLANT-HEALTH/

PHYCOTERRA

WWW.PHYCOTERRA.COM

BIONIQ

WWW.NEXUSBIOAG.COM/PRODUCTS/BIONIQ

SVF

Sturgeon Valley Fertilizers is committed to making our farmers profitable and remain on the leading edge in agriculture. We thank you to all those growers and companies that participate and help make all the research we do at SVF possible. We are excited for another growing year, and we hope this is the best one yet!

~From our team at Sturgeon Valley Fertilizers

