



Save The Date – Orangeville Grower Expo Day

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Save the date for the Orangeville Grower Expo Day at the Orangeville Holmes Agro Research Farm on Wednesday, July 24th, 2024! We are excited to introduce our newest agronomy team members, discuss a variety of agronomic topics, and share field trial results from our plot research at the Research Farm. Please RSVP to the Orangeville office at 519-941-0450! Details to follow.

Watch It Grow with Envita

Envita is a biological product from Syngenta that uses bacteria to help fix nitrogen from the air in every cell of the plant. Once applied, the product enters the plant systemically and moves through the roots, stems and leaves. Envita can be used on a wide range of crops including corn, wheat, soybeans, potatoes and carrots!

- Fixes nitrogen across a broad range of row and specialty crops including corn, canola, cereals, soybeans and potatoes, not just legumes.
- Nitrogen fixation in every cell of the plant, not just the roots.
- Continuous source of nitrogen where and when plants need it.
- Easy to use and with good tank mix compatibility to fit into most spray programs.



It is best applied early in the season, to allow the bacteria to start fixing nitrogen right away and early in the morning when the stomata are open, because of this, foliar applications are recommended. Although the full benefits of Envita are not yet known, past trials have shown promising results. Some 2021 - 2022 field trials on corn had an average yield increase of 5.3 bushels per acre! Ask your Holmes Agro agronomist about including Envita with your spring herbicide program! Check out the Syngenta website for more information. www.syngenta.ca/productsdetail/envita

Choosing Your Topdress Nitrogen Rate

Now that the corn is in the ground with the nitrogen applied up front, how do we determine the 2nd pass N rate? This depends on several factors, a few of which include; how much N was put on up front? When was the planting date? When is the expected tassel date? What is the yield potential to date? How much rainfall has the crop received? Was there manure in the rotation?

With answers to these questions, we can determine the rate range a specific corn crop would need in the 2nd application to promote the yield goal we can strive for. Before applying the 2nd application, we also must determine whether a field is justified in using a variable rate to apply the nitrogen source. In this practice we are putting a higher rate of nitrogen where we are expecting a higher corn yield and a lower nitrogen rate where we are expecting a lower corn yield. We recommend using more than one layer to produce a variable rate script. With topdressing the 2nd application of nitrogen on corn, these layers can include but are not limited to a variable rate seed map used to plant, in-season imagery, previous yield data or previous grid/zone soil sample data. Variable rate can be used several ways throughout the growing season and can be incorporated into topdressing corn as well. Talk to your Holmes Agro crop advisor about fine-tuning your 2nd pass nitrogen rate and if a variable rate top dress application is a good fit for your field!



BASF Holmes Agro Euchre Tournament

Save the date for a BASF Holmes Agro Euchre Tournament on Wednesday, July 17th, 2024, at the Shelburne Ag Society. We are excited to co-host this event as an appreciation event for Holmes Agro customers made possible by the BASF team. Please RSVP to the Orangeville office at 519-941-0450 by Friday, June 28th! Details to follow.

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Watch Us Grow – Staff Update

We want to take the opportunity to introduce Bennett to our Holmes Agro team. Bennett comes with a farm background working on a beef farm and recently graduated from Olds College. Bennett's role is a new position as an Agronomy Intern. He will be scouting potatoes and cash crops over the next few weeks. When not scouting he will be supporting the operation at both Redickville and Orangeville. Please take time to introduce yourself and looking forward to seeing Bennett's passion and enthusiasm to learn and connect with everyone.

Returns for the 2024 Season

We accept returns for any **unopened, undamaged** seed, skids, bulk bags or unopened chemical jugs. We do ask the following:

1. If we are picking up returns at your site, we prefer it if you can be there to help load. If you cannot be, please leave returns out for us, and if required, we will ask for approval to use your equipment.
2. If you are bringing returns to any of our locations, please ensure all products are on a skid to help ease the unloading process. Please call ahead to let us know you are bringing back returns.
3. **Corn and soybean seed returns are due by June 12th.** We are no longer accepting cereal and forage returns. Please call the office should you have questions. Please return all **unopened crop protection products** as soon as you are finished with the product or **by July 31.**



'Watch It Grow' Signs

Keep an eye out for our redesigned 'Watch It Grow' signs as they are placed along fields this month to continue to raise awareness of the crops grown locally. If you would like a 'Watch It Grow' sign by your field let your Holmes Agro rep know!

Scouting update – The warm weather during May has advanced many crops with the majority of corn emerging and at or beyond the 3-leaf stage and winter wheat at T3 fungicide timing. Be sure to begin checking fields for weed escapes and the ideal staging for your winter wheat heading fungicide.

4 R Nutrient Stewardship – Right Source

Holmes Agro is a 4R-certified retailer, and we actively promote the “4R” approach to nutrient management. One of these components is using the “Right Source”, a key decision in any fertilizer recommendation and a current soil test will help identify areas of strength and improvement required. Understanding how different nutrients are available within the soil (mobile vs immobile) and how this impacts plant uptake impacts decisions on what products are best suited for that field and crop. The ability to apply micronutrients either as a coating or within a homogeneous prill allows for a more even distribution of key micronutrients for all plants, and often at a lower rate of application because of placement. There are several strategies available for nitrogen applications to include inhibitors and slow-release products for risk mitigation of off-site movement and environmental losses. Technology advancements in fertilizer products and applications offer improved system management. Talk to your Holmes Agro Agronomist to discuss what solutions best suit your needs.



Clean Farms Spring 2024 Collection

Clean Farms collections are NOW OPEN! To keep ahead of the volume of recycling bags growers MUST call ahead when they have jugs/bags to return. As always, jugs must be triple rinsed, with lids and labels removed. Check cleanfarms.ca for container rinsing procedures and more information!

Upcoming Dates

June 12th – Unopened corn & soybean seed return deadline
July 17th – Holmes Agro BASF Euchre Tournament
July 24th – Orangeville Grower Expo Day
July 31st – Unopened crop protection products return deadline
September 10 – 12th – Canada's Outdoor Farm Show
October 1 – 5th – International Plowing Match and Rural Expo

***** Please email laura@holmesagro.com to sign up for our e-newsletter *****

Jeff Nicole Laura Greg Taylor Scott John Lydia Dennis Brooklyn Claire Travis