



### **Seed Draw**

We are excited to announce our early order seed draw again this year. Have your seed orders submitted by the end of November and you will be entered into a draw to receive a \$500 gift card! Contact your agronomist for more information!

### **Fall Compaction**

The increased precipitation across southern Ontario has raised concerns about fall compaction which can have long term effects on the soil structure. The presence of compaction can restrict water and root infiltration and effect crop emergence and cause plant stand variability in the spring. Tips to avoid compaction this fall:

- ✓ Avoid over filling grain charts and combine bins to reduce overall equipment weight
- ✓ Use wide tires with lower inflation pressure
- ✓ Keep trucks out of the fields. Consider unloading at the ends of the field and establish a grain chart path
- ✓ Use cover crops to help maintain soil structure

The use of tillage can help to alleviate some of the negative effects of compaction but should be used in conjugation with the avoidance measures listed above. The use of tillage tools that lift and shatter such as an inline ripper can be beneficial to alleviate compaction layers but ensure that the soil conditions are proper to not cause further damage.

### **Tillage Talks & Residue**

How do we manage residue without destroying soil structure and soil health, but at the same time allowing for a proper seedbed which allows the subsequent crop to establish with the best chance of success? If continuous no till was an option for everyone then equipment and fuel companies would be severely affected, not to mention the savings on labour. If you are no-tilling after corn, then the stalk chopper heads should be put away so as to not leave a blanket of residue on the ground which tends to keep the soils cooler and wetter next spring. Vertical till units are great for doing minimum tillage as long as conditions are dry, and you aren't dealing with compaction issues in your subsoil. There is no perfect answer to the question of tillage and residue management but often the correct response is the hybrid response that encompasses equal parts of conventional tillage, min tillage, and no till. This approach along with cover crops and adequate fertility is often the correct approach. With any tillage strategy consider the economic, environmental, and ecological impacts of your decision and put your best foot forward.

Real agriculture's 'Tillage talks' has some more great information on various tillage options.

### **Crop Removal**

Many good decisions need to be made throughout the year and growing season to capitalize on the full crop potential every year. Nutrient uptake or utilization to produce a bountiful crop and the crop removal values associated with a large harvest need to be appreciated and understood to insure we have the opportunity to do it all again next year if the environment conditions allow. Applying fertilizer in the fall is about good agronomy and replenishing the soil bank for next year. Time management constraints in the spring and the fact that fertilizer (P and K) when exposed to freeze and thaw cycles, physically breaks down faster, encourages us to get the job done in the fall if possible. Although nobody is happy about it, another incentive is the trend of higher fertilizer prices going into the spring. Applying recommended products in the fall is about good agronomics and economics for a positive ROI. Bigger yields mean bigger annual crop removal and hence replenishment may in fact be bigger than your typical fertilizer use pattern.

Check out AgPhD Fertilizer Removal app or OMAFRA's pub 811 Table 9-15 Average nutrient (N, P<sub>2</sub>O<sub>5</sub>, K<sub>2</sub>O) removal by common field crops, more importantly talk to your Holmes Agro representative and design a program that fits you and your farm's needs.

### **Holmes Agro Credit Policy**

Our credit terms are net 20<sup>th</sup> day of the following month for eligible charge accounts, as per our credit application and agreement. Payments: Setting up online or telephone banking is simple. Select Holmes Agro as the payee and use your 5-digit account number, which is listed next to your account name on invoices and statements. Holmes Agro bill payments are available at the following financial institutions: Bank of Montreal, CIBC, Meridian Credit Union, National Bank, RBC Royal Bank, Scotiabank and TD Canada Trust.



## CLEANFarms 2021



Thank you to everyone who participated in the Cleanfarms program over the past year. We have wrapped up empty jug collection for the 2021 year and will start up again in April of 2022 ☺

## Fun Facts

**Did you know** – there are more soil microbes in a tablespoon of dirt than there are people on the earth according to Ohio State University.

**Did you know** – a 200-bu corn crop creates more than 10,000 lbs/acre of residue.

## 2022 Seed Showcase

### Brevant Corn

|                 |      |                                                                        |
|-----------------|------|------------------------------------------------------------------------|
| <b>B83R36AM</b> | 2425 | Solid yielding early day variety. Good stay green and stress tolerance |
| <b>B87R76AM</b> | 2550 | Taller plant with great emergence. High yielding dual purpose option   |

### Brevant Soybeans

|               |      |                                                                         |
|---------------|------|-------------------------------------------------------------------------|
| <b>B011DE</b> | 2550 | New variety with Enlist, Some natural tolerance to SCN, solid emergence |
| <b>B039Y1</b> | 2600 | High yield potential, good tolerance to white mould, bushy type plant   |
| <b>B061FE</b> | 2675 | Mid-full season option with Enlist. Good emergence and standability     |

### Pride Corn

|                |      |                                                                             |
|----------------|------|-----------------------------------------------------------------------------|
| <b>A4646G2</b> | 2300 | Fast establishment and vigour, fast dry down and outstanding test weight    |
| <b>A5225G2</b> | 2600 | Strong emergence and vigour with aggressive populations                     |
| <b>A5404G2</b> | 2625 | Shorter plants with strong standability, early flowering and quick dry down |
| <b>A5383G8</b> | 2675 | Below ground insect protection, versatile workhorse type hybrid             |

### Pride Soybeans

|                   |      |                                                                         |
|-------------------|------|-------------------------------------------------------------------------|
| <b>PS0098 XR</b>  | 2550 | Very good stress tolerance with strong yield potential                  |
| <b>PS0229XRN</b>  | 2600 | Medium short plant, works best with narrow rows. Great disease package. |
| <b>PS0420 XRN</b> | 2675 | New Xtend variety with SCN and phytophthora resistance                  |

### ProSeeds Soybeans

|                  |      |                                                                                     |
|------------------|------|-------------------------------------------------------------------------------------|
| <b>SI 007XTN</b> | 2450 | Good short season option with SCN protection and solid yield potential for maturity |
| <b>PRO 03X74</b> | 2575 | Providing great standability and high yield potential. Can move north of zone well  |
| <b>SI 0620SE</b> | 2650 | Mid-season enlist variety with competitive yield potential                          |

### Syngenta Corn

|                    |      |                                                                                     |
|--------------------|------|-------------------------------------------------------------------------------------|
| <b>NK8204-3220</b> | 2550 | Strong emergence with good root system Viptera trait for WBC control                |
| <b>NK8519-5222</b> | 2650 | Great standability and strong drought tolerance. Option for below ground protection |

### Syngenta Soybeans

|                |      |                                                                                     |
|----------------|------|-------------------------------------------------------------------------------------|
| <b>S01-C4X</b> | 2525 | High yield potential with an early Xtend soybean variety                            |
| <b>S04-J6X</b> | 2625 | Great emergence, solid stress tolerance while maintaining a top end yield potential |
| <b>S07-K5X</b> | 2700 | Tall plant with excellent standability, extremely white mould tolerant, big yields. |

Talk to your Holmes Agro representative about which variety will work best to fit your agronomic needs in 2022!

## Upcoming Events

November 4, 10, 15, & 23<sup>rd</sup> – Ontario Young Farms Forum Webinars

November 9, 16, & 23<sup>rd</sup> – Cover crop grazing Webinars Hosted by OMAFRA, BFO, OSF

November 15, 17, & 19<sup>th</sup> – Virtual Women's Grain Symposium

November 30<sup>th</sup>, December 1 & 2<sup>nd</sup> – Forage Focus Webinars

January 4<sup>th</sup> to 11<sup>th</sup>, 2022 – Grey Bruce Farmers Week

January 5<sup>th</sup> & 6<sup>th</sup>, 2022 – Southwest Agricultural Conference

\*\*\*\*\* Please email [laura@holmesagro.com](mailto:laura@holmesagro.com) to sign up for our e-newsletter \*\*\*\*\*

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