

Corn & Soybean Variety Highlights

Luke Hartung, CCA-ON, 4R-NMS, CCS

Many corn and soybean fields across the NWC region are looking excellent. As we move closer to harvest, here are a few varieties to keep in mind and see how they do in the plots:

Grain Corn:

- **Dekalb 33-37**- 83 day, 2500chu— Early to full season grain corn option. This hybrid has good stalk strength, and works well across all environments.
- **Dekalb 39-55**- 89 day, 2700chu— Really excited about this hybrid. Excellent performance in plots last season, and in its 1st year across many fields it looks excellent. High yield potential from this hybrid.
- **Pride 5383G8**- 85 day, 2675chu—Looks good on both corn on corn and first year fields.
- **Pride 5959G2**- 90 day, 2725chu—Hybrid only in plots for this season, but for the past two years it has stood out in the plots. Looks excellent again, will be one to look at for 2022 planting.

Silage Corn:

- **Dekalb 42-05**, 92 day, 2800chu—Tall showy plant, consistent across all soil types. Also a great option for full season grain or cob meal.
- **Dekalb 49-09**, 99 day, 2950chu—This showy plant will give growers big tonnage and quality feed. Looks to fit well across all environments, but will shine on the nice loamy fields with good fertility.
- **Pride 6018**, 94 day, 2850chu—Steady Eddie. This hybrid has been a stand out corn silage and cob meal for past couple of seasons, and it looks to do it again this year.

Soybeans:

- **Dekalb 03-25XRN**, 0.3 RM, 2625chu—This bean came strong out of the ground this spring and has looked impressive all season long.
- **NK S04-J6X SCN**, 0.4 RM, 2675chu—A very versatile soybean that will perform on good ground, as well as variable soil. Has been impressive looking on many grower's fields across the region, and should be a fun one to combine.
- **Pride 0779XRN SCN**, 0.7, RM 2750chu—First season for this soy in customer's fields, and it has looked good all season long. Has yielded very well in plots and the Ontario soy trials over last couple of years, and looks like it will do the same in customer fields.

NWC has several corn (silage, grain, cobmeal), and soybean plots throughout the region, and we will share the information after harvest.

If you're interested in seeing some corn hybrids up close, join us for our plot tour! More information on page 2.

Fall Fertility Reminders

Jay Lennox, CCA-ON, 4R-NMS, CCS

With summer turning into fall, it's time to start looking forward to the 2022 growing season. With that said, one item that we can stoke off the list for next spring is some of the fertility requirements for the next crop. There are numerous reasons to get started with fertility in the fall including time and labour constraints, fertilizer price, and not to mention making corrections on your soil sample. Soil sampling season is well underway post wheat harvest, so now is a great time to assess your results and make some application decisions.

There are 2 or 3 nutrients that we can focus on in the fall, including potassium, phosphorus, and sulfur.

Potassium or potash is the most commonly applied nutrient in the fall. Potash is required in significant amounts across all crops, and all bind well to the soil so over winter losses are minimal. The main loss mechanism for both potassium and phosphorus applied in the fall is soil movement or erosion. This has been significantly reduced with the increase in cover crop use and no-till farming practices.

Phosphorus can also be applied in the fall but considering 4R nutrient management and best practices, it is integral that the phosphorus is either applied to a growing crop or incorporated into the soil. Phosphorus losses have caused us many challenges in our water systems in the Great Lakes basin so we must apply nutrients responsibly to avoid water contamination. While this needs to be a consideration all season, it is especially important to remember in the fall.

The final nutrient that is often applied in the fall is sulfur. In the last decade, we have learned more about the crop requirement and soil availability of sulfur. We have much less atmospheric sulfur available to our crops with the reduction of greenhouse gasses. In the fall, we apply sulfur in the elemental form, whereas it is applied in the sulfate form in the spring. Elemental sulfur takes a few months to break down and become plant available in the sulfate form so fall application makes sense for next season's crop. It is an economical way to apply the sulfur requirements.

Talk to your crop specialist today about applying your fertilizer in the fall to take advantage of our plow-down discounts. Save time next spring by having one of the jobs checked off your list!

4R Nutrient Stewardship Update

"Implementing 4R Best Management Practices (BMPs) leads to more efficient input management, higher yields, and greater profit. This ensures you get the most out of each acre, increasing return on fertilizer dollars spent." *Fertilizer Canada*

North Wellington Co-op continues to work towards our 4R Nutrient Stewardship certification. To be certified, NWC needs co-operation from growers to establish field maps and develop comprehensive crop plans that meet or exceed the criteria for 4R Nutrient Stewardship certification. Keep an eye out this fall for a package in the mail of information we require from our growers. For more information, please contact your NWC Crop Specialist or the Harriston office.

Brent Troyer
CCA, CCS, 4R NMS
519-323-6175

Luke Hartung
CCA, CCS, 4R NMS
519-321-1400

Jay Lennox
CCA, CCS, 4R NMS
519-321-9705

Justine Lennox
CCA
519-323-6844



With the 2021 wheat crop off the field and in the bin, it's time to start thinking about next year's crop. And like all crops, it starts with choosing the right certified seed variety for the farm or field. Each variety we offer does well under different circumstances. Here is an overview of some varieties we have seen stand out in the NWC trade area:

Soft Red Wheat	
C&M Blaze	This fast-emerging, high-yielding variety is a good choice for any of those high-yielding, loamy fields. This wheat tillers well, which leads to higher straw yield. Excellent standability. Very popular choice across the region and could sell out.
C&M Cruze	I really like this winter wheat on fields with variability. Top-end yielding soft red, stands extremely well, with a good amount of straw. If you liked 614 in the past, look at trying Cruze. The small seed makes for lower cost per acre.
Brevant B654	If you've been happy with Branson in the past, look to try B654. Excellent winter survivability and responds to intensive management. Consistently on the top-end of the Ontario Cereal Trials.
Snobelen Marker	Excellent choice for any field. If putting on the highly fertile ground, must use a growth regulator (straw shortener). Bulk pick-up available at Snobelen's Palmerston Location.

Hard Red Wheat	
C&M Pro 81	This wheat is not only in the top of its yield class, but it is also higher in protein. It can be planted on any soil type. A taller variety that produces a lot of straw.
C&M Adrianus	High-end yield, combined with superior standability makes this HRWW one of the best in its class. Put this wheat on your top-end fields.

We have also included results from two plots from the NWC trade area. If you have any questions on which C&M Seed or Snobelen variety is best for your farm, contact your NWC Crop Specialist.

Once you've got the right winter wheat variety selected for your farm, there are a couple more important items to make sure you get it off to a great start.

Starter Fertilizer

- Time and time again in many OMAFRA, third party, and on-farm trials, results show an economic benefit to using a seed placed Phosphorus (P) based fertilizer with the seed. OMAFRA's numbers show a 5 bushel response, NWC's trials have seen 10 bushel per acre or more on grower's fields. At today's prices, that's a bonus of \$40 to \$80 per acre. If you don't have ability to put down P with your wheat seed, a second option is to broadcast P ahead of the planter. According to OMAFRA's data, this will give you approximately half the yield response vs placing the fertilizer right with the seed. To see what is the best option and rate for your farm, talk to your NWC Crop Specialist.
- **Weed-Free Field**
 - We need to be planting wheat into weed free fields. This is especially true for winter annuals weeds (eg. Canada fleabane) and perennial weeds. There are many fall herbicide options to control an array of weeds. We encourage you to talk to your NWC Crop Specialist.
- **Correct Seeding Rate**
 - Our optimal planting date in our region is September 20-25, and during that time frame we aim to plant 1.6 million seeds per acre. Once we get past the September 25 date, you need to be increasing your seeding rate by 100,000 seeds per acre for every week after. The reason is, the later we plant in the fall, the less likely we are to get the wheat to tiller. To compensate for the late of fall tillers, we need to plant more seeds for more plants.
- **Proper Seeding Depth**
 - Under good soil and planting conditions and knowing most of the wheat gets no-tilled after soybeans, wheat should be placed 1-1.25" in depth. It is important to check this when you start out—just because you left it the 'same as last year' doesn't mean you shouldn't check. If you are planting wheat into a field worked this fall, please plant a bit deeper at 1.5". Under these conditions, the soil is more prone to frost heaving in the spring and you need to ensure that the wheat is well rooted. If you get planting late (after October 20 in our region), DO NOT shallow-up your planting depth. It is very important to maintain the standard planting depths to ensure proper rooting and to reduce winterkill.

Once you have all of these things in place, you are ready to head to the field to plant! We hope you all have a safe wheat planting season.

Plot Tour

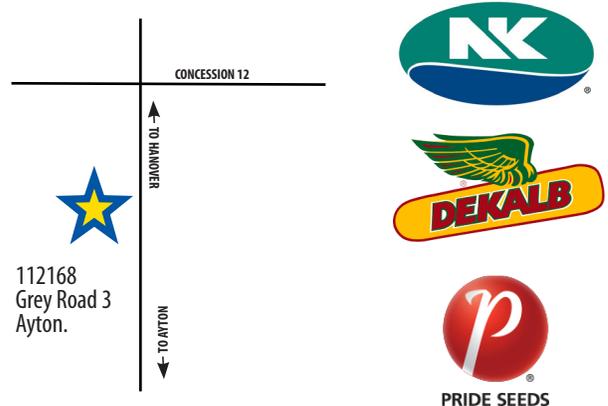
If you're interested in seeing some corn hybrids up close, join us for our plot tour!

When? Tuesday, September 14, 2021 from 9am to 11am

Where? 112168 Grey Road 3, Ayton (Just north of Normanby Community Arena)

Come & Go Plot Tour, drop in whenever it suits you. Refreshments provided. Representatives from Pride Seeds, Dekalb Seeds and NK Seeds will be present to answer any questions from growers.

All COVID protocols will be followed. To help us plan, please RSVP to your NWC Crop Specialist or the Harriston Office by **September 10, 2021**.



Harriston

56 Margaret St S, PO Box 700
Harriston ON N0G 1Z0
ph: 519-338-2331 fx: 519-338-3513
harriston@northwellington.ca

Durham

377 Garafraxa St S
Durham ON N0G 1R0
ph: 519-369-2415 fx: 519-369-6383
durham@northwellington.ca

Hanover

691 10th Street
Hanover ON N4N 1S1
ph: 519-364-4777 fx: 519-364-7128
hanover@northwellington.ca

Mount Forest

404 Main Street South
Mount Forest ON N0G 2L3
ph: 519-323-1271 fx: 519-323-3438
mountforest@northwellington.ca