

Grant Ag Crop Trials 2019

Soybeans

Planting date:

June 5 2019

Harvest date:

October 15



This summer Grant Ag conducted soybean testing to determine the productivity of different soybean hybrids at their test plot in New Liskeard. 27 different hybrids were planted in clay soil. Each hybrid had 32 rows planted, each row approximately 80 metres by 12 metres. The soybeans were analyzed on a variety of criteria. Overall, the Astro R2 hybrid from Prograin had the highest yield, weighing in at 1.044 metric tonnes per acre. The second and third highest yields were also above a ton per acre, Prograin's PR517A5M006R2X hybrid with 1.030 tonnes per acre and NK's S008-T3X hybrid with 1.026 tonnes per acre. The lowest yield came from Prograin's Hana hybrid, weighing in at .558 tonnes per acre. The rest of the different hybrids ranged in between the high and the low yields, with one other hybrid above a tonne per hectare, 12 hybrids in the .90 tonne range, 5 in the .80 tonne range, and the other 5 in the .50, .60, and .70 tonne range.

Top Five Yields, Metric Tonnes per Acre

Company	Hybrid	Yield
Prograin	Astro R2	1.044
Prograin	PR517A5M006R2X	1.030
NK	S008-T3K	1.026
NK	S008-N2	1.024
NK	S006-M4X	.996

Wheat

Planting date: June 5 2019

Harvest date: October 15 2019

Six wheat hybrids were tested in 2019, shown in the photo to the right, from left to right: AAC Scotia, AAC ViewField, Moka, Fusion, and AAC Brio. The highest yield was Prograin's Fusion hybrid, with 1.08 metric tonnes per acre. The lowest yield was SemiCan's Moka hybrid, with .90 tonnes per acre.



Top Five Yields, Metric Tonnes per Acre

Company	Hybrid	Yield
Prograin	Fusion	1.08
SemiCan	AAC Scotia	1.02
SeCan	Brandon	.990
FP Genetics	AAC ViewField	.990
Prograin	AAC Brio	.970

Barley

Planting date: June 5 2019

Harvest date: October 15 2019

Three barley hybrids were tested in 2019. All three yielded over one metric tonne per acre. Prograin's Chambly hybrid had the highest yield with 1.44 metric tonnes per acre and 53 bushels per acre. Dow's HY621 hybrid had the lowest yield with 1.03 metric tonnes per acre and 37 bushels per acre.

Yields, Metric Tonnes per Acre

Company	Hybrid	Yield
Prograin	Chambly	1.44
SeCan	Montrose	1.37
Dow	HY621	1.03