

REDFERN'S Neepawa Soybean Plot 2016

SE 6-16-15 (Kyle and John Csversko)



PR Road #466

120 feet

**33003 Thunder Soybeans
2400 CHU**

PG Toro Soybeans

**Akras Brett Young Soybeans
2375 CHU**

Austin NSG Soybeans

**Watson NSG Soybeans
2225 CHU**

**Gladstone NSG Soybeans
2375 CHU**

**Reston NSG Soybeans
2325 CHU**

93 feet

Grass Yard

Field History

- 2015 crop: Liberty Link canola target yield 50 bu/ac
- Previously this field was variable rated, averaging 110-35-0-15.
- Seeded: May 20th, 2016. 2:00-4:00 PM with a John Deer air drill.
- Depth: 0.75" – 1"
- All received Cruiser Maxx Beans, liquid Nodulator Pro, granular Nodulator spheres @ 8 lbs/ac.

Plant Counts

Variety	Seed Counts	Target Plant Count @ Seeding	Plant Count on June 13 th
TH 33003	2680/lb	204,000	187,301
PG Toro	2940/lb	223,500	202,989
BY Akras	2895/lb	220,000	130,680
Austin NSG	2398/lb	197,500	174,200
Watson NSG	2989/lb	227,000	174,200
Gladstone NSG	2394/lb	182,000	230,868
Reston NSG	3150/lb	230,000	217,800

Crop Protection

- June 14th: 0.67 L/ac Roundup
- June 30th: 0.67 L/ac Roundup + full rate Radiate
- July 8th: 0.5 L/ac Roundup + full rate Viper

Harvest

- The plot was harvested on October 14, 2016 using a John Deere 960 combine with a John Deere flex header at a speed of 3.0 mph. It was approximately 11 degrees Celsius at time of harvest.
- Plot lengths were measured using the GPS system on the combine, while the weights were taken using the scale on the grain cart.
- Those in attendance at time of harvest: cooperators Kyle and John Csversko, Brian Elliott (NorthStar Genetics), Todd Walker (Quarry Seeds), Darryl Craik and Ron Kuzyk (Redferns).

Raw Harvest Data

Variety	Width	Length	Weight	Area	Area	Yield
	feet	feet	pounds	square foot	acre	bu/ac
TH 33003	34.6	1258	3460	43526.8	1.00	57.71
PG Toro	34.6	1258	3000	43526.8	1.00	50.04
BY Akras	34.6	1258	3260	43526.8	1.00	54.37
NSG Austin	34.6	1258	3040	43526.8	1.00	50.71
NSG Watson	34.6	1258	3240	43526.8	1.00	54.04
NSG Gladstone	34.6	1258	3440	43526.8	1.00	57.38
NSG Reston	34.6	1258	3040	43526.8	1.00	50.71

Data Corrected to 14% Moisture

Variety	Area (acre)	Yield (bu/ac)	Moisture (%)	Adjusted Yield (bu/ac)
TH 33003	1.00	57.71	17.00	47.53
PG Toro	1.00	50.04	16.00	43.78
BY Akras	1.00	54.37	16.50	46.14
NSG Austin	1.00	50.71	16.40	43.29
NSG Watson	1.00	54.04	15.00	50.44
NSG Gladstone	1.00	57.38	17.40	46.17
NSG Reston	1.00	50.71	16.70	42.51

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