Soybean Row Spacing Trial

Trial ID: 2019SRS04 – R.M. of Louise

Objective: Quantify the agronomic impacts of narrow vs. medium row spacing in soybean

Summary: Yield was significantly greater for soybeans grown on 7.5" spacing compared to 15" spacing.

Trial Information

Treatment	7.5" vs 15"
Rural Municipality	Louise, RM of
Soil Texture	Clay
Previous Crop	Wheat
Tillage	Conventional
Seeding Equip.	42ft John Deere 1890 Disc Drill
Seeding Date	May 11
Variety	P001A48X
Seeding Rate	185 000 seeds/ac
Harvest Date	October 8

Precipitation (mm)

	May	**June**	**July**	**August**
Normal	61.1	89.8	68.3	72.3
Rainfall	21.6	75.7	119.1	53.2

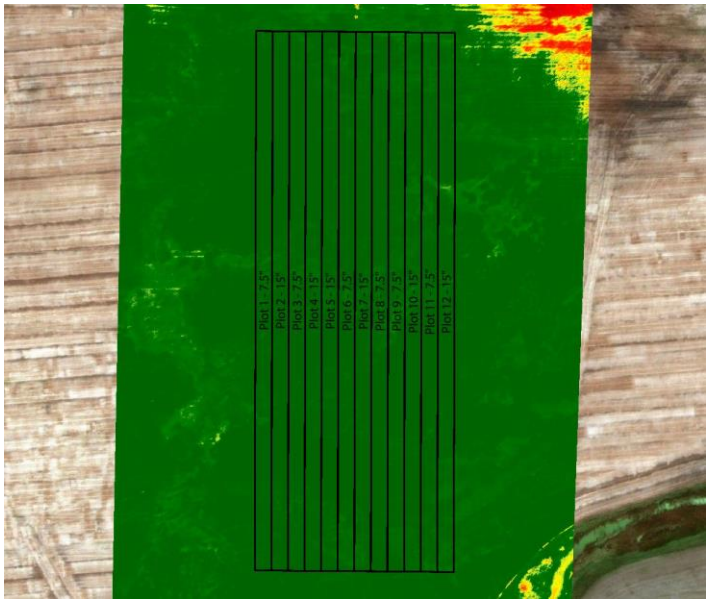
Plant Stand (plants/ac)

	V1	**R8**
7.5"	143 000	148 000
15"	147 000	145 000

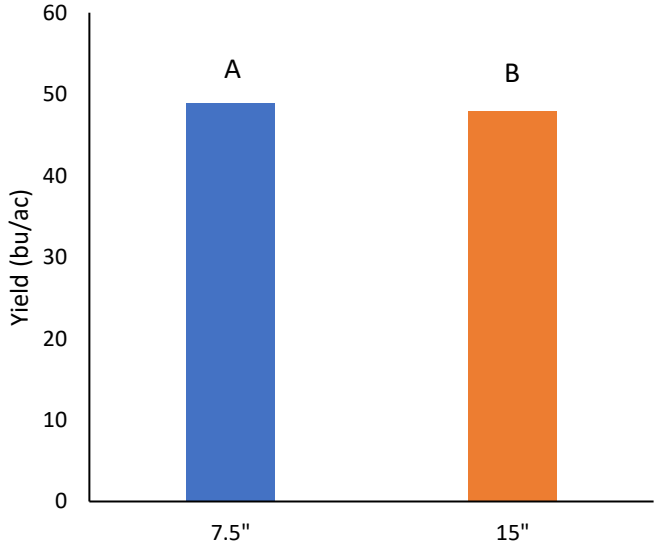
Overall Yield

	Mean (bu/ac)
7.5"	48.9
15"	47.9
Yield Difference	1.0
P-Value	0.0206
CV	1.8%
Significance	**Yes**

NDVI Field Image – August 9, 2019



Yield by Treatment



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