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Soybean Single Inoculant Trial

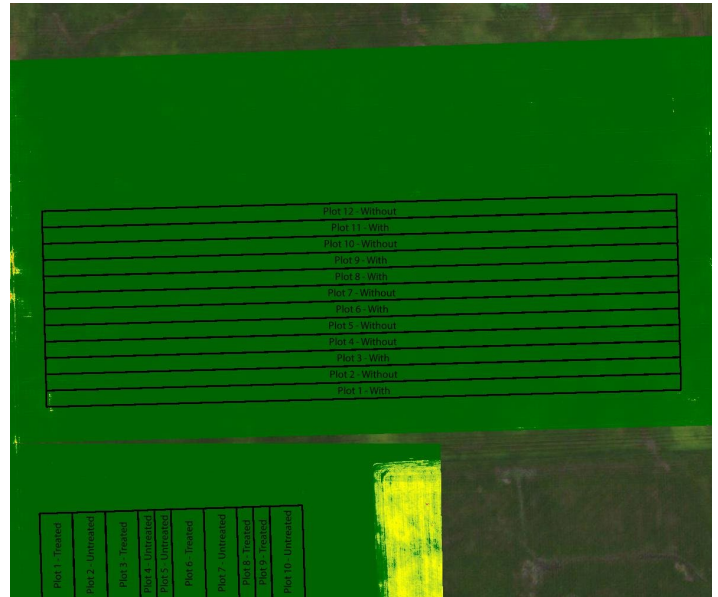
Trial ID: 2019S1IN02 – R.M. of Brokenhead

Objective: Quantify the agronomic impacts of single inoculant vs. no inoculant applied in soybean. This trial requires a minimum history of three previous soybean crops.

Summary: There was no significant yield difference between soybeans with a single inoculant and soybeans without a single inoculant.

Trial Information

Treatment	1x Cell-Tech (liquid, on-seed)
Prev. Soybean Crops	2016; 10 year history
Rural Municipality	Brokenhead, RM of
Soil Texture	Clay Loam
Previous Crop	Wheat
Tillage	Conventional
Seeding Date	May 17
Variety	LS 0036RR
Seeding Rate	349 000 seeds/ac
Row Spacing	10"
Plant Stand @ V2	295 000 plants/ac
Harvest Date	October 8



Precipitation (mm)

	May	June	July	August
Normal	54	89.9	73.4	72.6
Rainfall	19	45.4	65.7	59.6

Nodulation

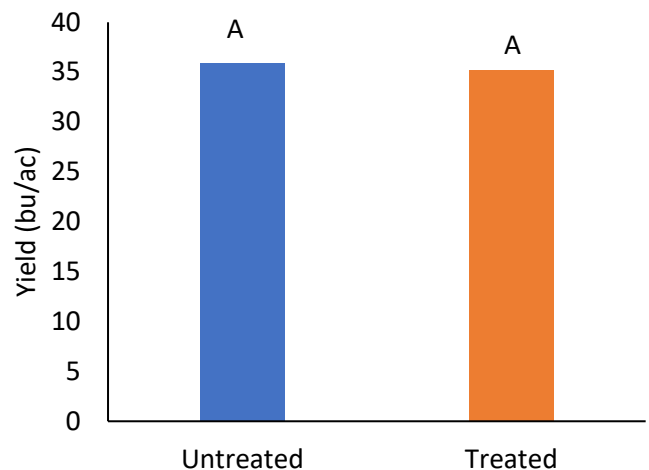
	Average Number of Nodules @ R2
Double	13
Single	14

Overall Yield

	Mean (bu/ac)
Inoculated	35.2
Non-Inoculated	35.9
Yield Difference	-0.7
P-Value	0.0735
CV	3.8%
Significance	No

NDVI Field Image – August 7, 2019

Yield by Treatment





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Soybean Seed Treatment Trial