



**on-farm network**  
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## Soybean Single Inoculant Trial

**Trial ID:** 2019S1IN05 – R.M. of Lac du Bonnet

**Objective:** Quantify the agronomic impacts single inoculant vs. no inoculant 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 inoculant.

### Trial Information

<b>Treatment</b>	6 lbs/ac Cell-Tech (granular, in-furrow)
<b>Prev. Soybean Crops</b>	2017; 6x (every other yr)
<b>Rural Municipality</b>	Lac du Bonnet, RM of
<b>Soil Texture</b>	V. Fine Sandy Loam/Peat
<b>Previous Crop</b>	Wheat
<b>Tillage</b>	Conventional
<b>Seeding Date</b>	May 27
<b>Variety</b>	OAC Prudence
<b>Seeding Rate</b>	313 000 seeds/ac
<b>Row Spacing</b>	9"
<b>Plant Stand @ V1</b>	189 000 plants/ac
<b>Harvest Date</b>	November 11

### Precipitation (mm)

	May	June	July	August
<b>Normal</b>	54	89.9	73.4	72.6
<b>Rainfall</b>	19	45.4	65.7	59.6

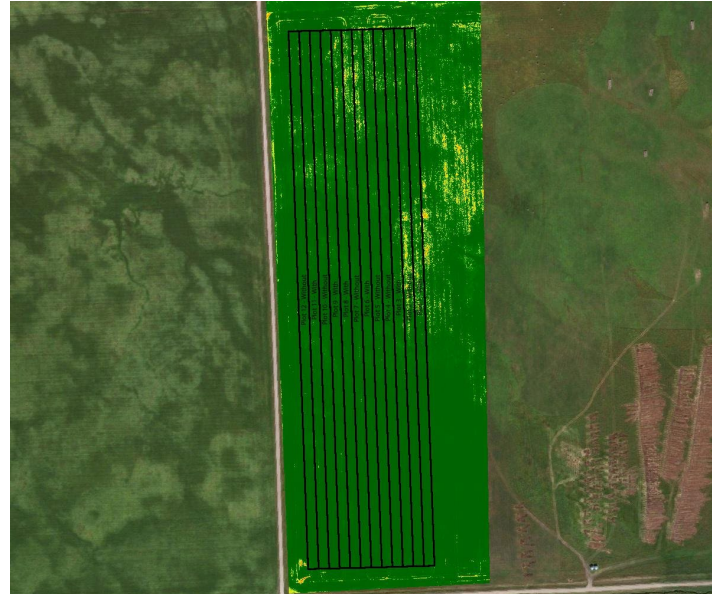
### Nodulation

	Average Number of Nodules @ R2
<b>Double</b>	10
<b>Single</b>	12

### Overall Yield

	Mean (bu/ac)
<b>Inoculated</b>	26.8
<b>Non-Inoculated</b>	26.7
<b>Yield Difference</b>	0.1
<b>P-Value</b>	0.9083
<b>CV</b>	5.2%
<b>Significance</b>	<b>No</b>

### NDVI Field Image – August 7, 2019



### Yield by Treatment

