



**on-farm network**  
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## Soybean Seeding Rate Trial

**Trial ID: 2019SP03 – R.M. of Morris**

**Objective:** Quantify the agronomic and economic impacts of a seeding rate of 190,000 seeds/ac, 160,000 seeds/ac and 130,000 seeds/ac.

**Summary:** There was no significant soybean yield difference between seeding rates of 130 000 seeds/ac, 160 000 seeds/ac and 190 000 seeds/ac.

### Trial Information

<b>Treatment</b>	130k vs 160k vs 190k
<b>Rural Municipality</b>	Morris, RM of
<b>Soil Texture</b>	Clay
<b>Previous Crop</b>	Wheat
<b>Tillage</b>	Conventional
<b>Seeding Equipment</b>	57.5ft Flexicoil 5000 Hoe Drill
<b>Seeding Date</b>	May 21
<b>Variety</b>	LS Eclipse
<b>Row Spacing</b>	9"
<b>Harvest Date</b>	November 6

### Precipitation (mm)

	May	June	July	August
<b>Normal</b>	53.6	86.4	71.9	65.4
<b>Rainfall</b>	31.5	40.2	110.4	54.2

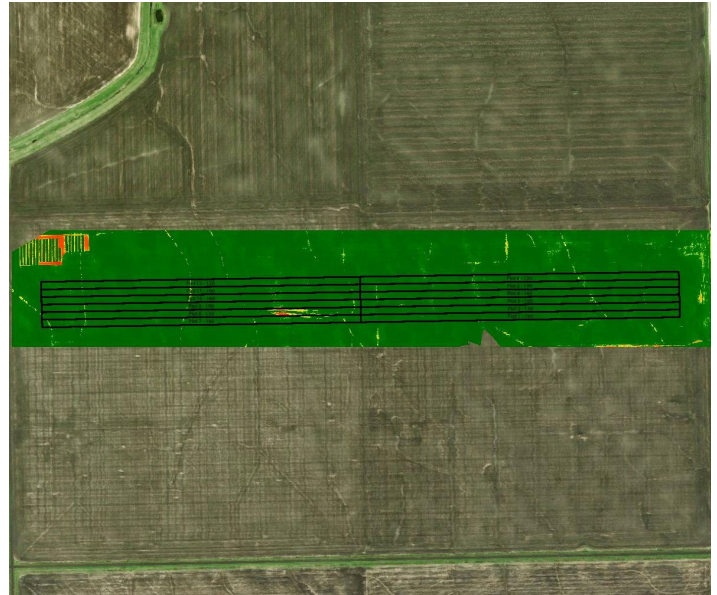
### Plant Stand (plants/ac)

	V2	R6
<b>130K</b>	104 000	103 000
<b>160K</b>	124 000	128 000
<b>190K</b>	161 000	147 000

### Overall Yield

	Mean (bu/ac)
<b>130K</b>	33.9
<b>160K</b>	33.6
<b>190K</b>	34.1
<b>P-Value</b>	0.7076
<b>CV</b>	2.4%
<b>Significance</b>	<b>No</b>

### NDVI Field Image – August 8, 2019



### Yield by Treatment

