



on-farm network
PARTICIPATORY • PRECISE • PROACTIVE

Soybean Seeding Rate Trial

Trial ID: 2019SP04 – R.M. of Grey

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

Treatment	130k vs 160k vs 190k
Rural Municipality	Grey, RM of
Soil Texture	Clay
Previous Crop	Wheat
Tillage	Conventional
Seeding Equipment	40ft Case IH 1240 Planter
Seeding Date	May 10
Variety	S006-W5
Row Spacing	20"
Harvest Date	September 18

Precipitation (mm)

	May	June	July	August
Normal	53.8	80.6	65.7	71
Rainfall	34.1	54.3	77.7	33.5

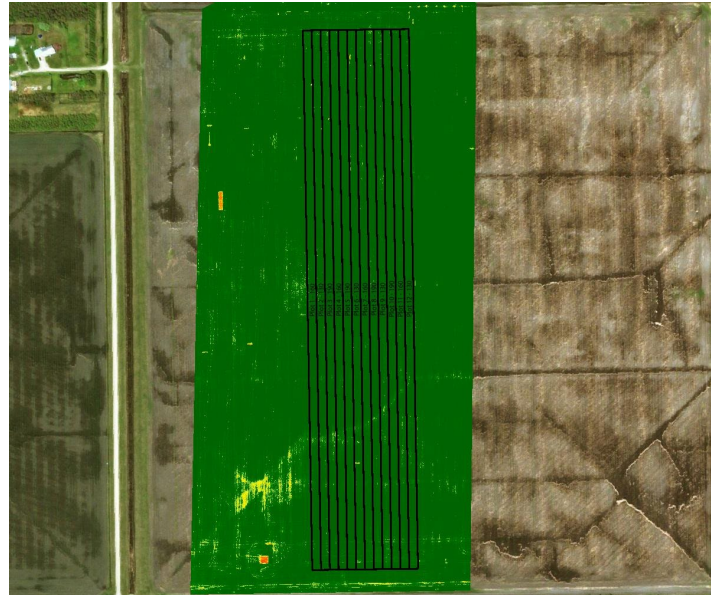
Plant Stand (plants/ac)

	V1	R6
130K	103 000	92 000
160K	113 000	99 000
190K	130 000	117 000

Overall Yield

	Mean (bu/ac)
130K	32.9
160K	33.4
190K	32.6
P-Value	0.6522
CV	3.3%
Significance	No

NDVI Field Image – August 8, 2019



Yield by Treatment

