Soybean Seeding Rate Trial

Trial ID: 2019SP05 – R.M. of De Salaberry

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	De Salaberry, RM of
Soil Texture	Clay
Previous Crop	Canola
Tillage	Conventional
Seeding Equipment	22ft John Deere 7300 MEZ Planter
Seeding Date	May 13
Variety	PS 0027 RR
Row Spacing	22”
Harvest Date	September 19

Precipitation (mm)

	May	June	July	August
Normal	52.6	94.7	69.5	51.7
Rainfall	43.1	34.7	144.3	64.8

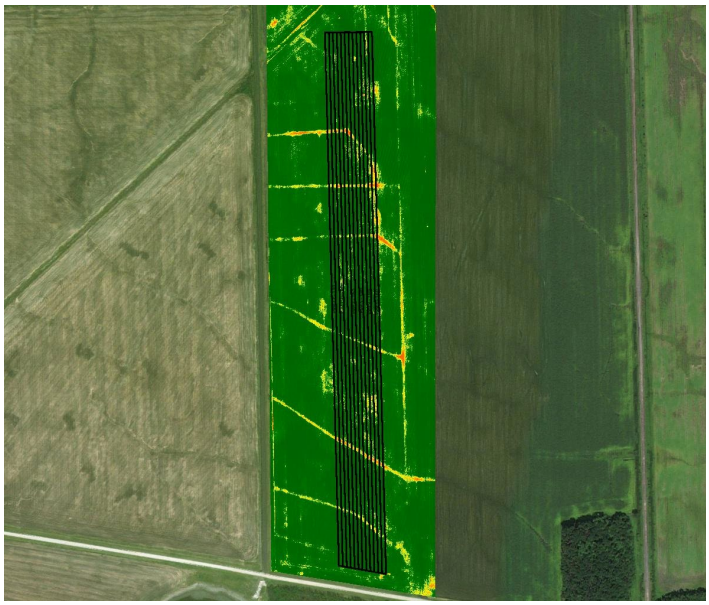
Plant Stand (plants/ac)

	V1	R6
130K	114 000	97 000
160K	136 000	109 000
190K	138 000	96 000

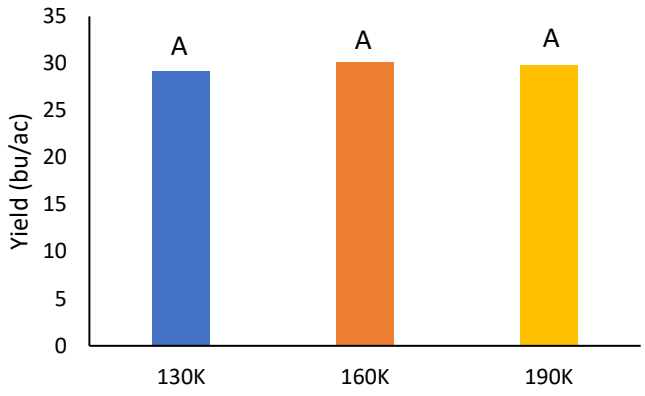
Overall Yield

	Mean (bu/ac)
130K	29.2
160K	30.1
190K	29.9
P-Value	0.6317
CV	4.8%
Significance	**No**

NDVI Field Image – August 8, 2019



Yield by Treatment



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