



on-farm network
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Soybean Seeding Rate Trial

Trial ID: 2019SP06 – R.M. of De Salaberry

Objective: Quantify the agronomic 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	Wheat
Tillage	Minimal Tillage
Seeding Equipment	40ft Case IH 1240 Planter
Seeding Date	May 14
Variety	Astro R2
Row Spacing	15"
Harvest Date	October 30

Precipitation (mm)

	May	June	July	August
Normal	53.6	86.4	71.9	65.4
Rainfall	31.5	40.2	110.4	54.2

Plant Stand (plants/ac)

	V2	R6
130K	117 000	118 000
160K	146 000	147 000
190K	170 000	169 000

Overall Yield

	Mean (bu/ac)
130K	38.6
160K	39.2
190K	39.2
P-Value	0.6578
CV	3.2%
Significance	No

NDVI Field Image – August 8, 2019



Yield by Treatment

