



on-farm network
PARTICIPATORY • PRECISE • PROACTIVE

Soybean Seeding Rate Trial

Overall Yield & Economics

	Mean (bu/ac)	Cost [†]	Change in Profit/ac ^{††}
122k	38.1	\$57/ac	
146k	43.5	\$68/ac	-\$11/ac
180k	43.4	\$84/ac	-\$27/ac
P-Value	0.0563	Economic	122k → 146k No
CV	12%		122k → 180k No
Significance	No		146k → 180k No

† Based on MB Agriculture 2020 Cost of Production Guidelines (\$65.30/unit)

†† Change in profit is calculated as the difference in cost between seeding rate treatments. Because yields were not significantly different, there is no increased income to offset the increase in seed cost