

Soybean Biological Trial

Trial ID: 2020-SB04 – R.M. of Lorne

Objective: Quantify the agronomic and economic impacts of biological products for soybean production

Summary: There was no significant yield difference between soybeans with and without EZ Gro Prime. Due to the lack of yield response, there was a decrease in profit/ac in the treated area of the trial, equivalent to the cost of the product application.

Trial Information†

Treatment	EZ Gro Prime @ V2
Soil Texture	Clay Loam
Previous Crop	Wheat
Tillage	Conventional
Variety	Nocoma R2
Seeding Rate	190 000 seeds/ac
Row Spacing	15"
Plant Stand @ V2	146 000 plants/ac
Harvest Date	September 18

† Ez Gro Prime is intended to improve root growth, grain size and quality.

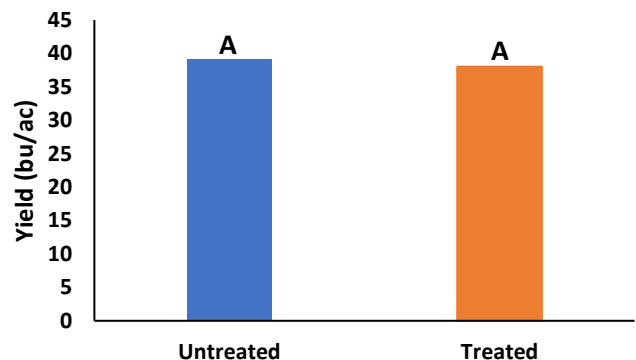
NDVI Field Image August 15



Precipitation (mm)

	May	June	July	August
Normal	54.7	83.2	78.6	65.1
Rainfall	30.9	52.2	103.8	27.6

Yield by Treatment



Overall Yield & Economics

	Mean (bu/ac)	Cost †	Change in Profit/ac ††
Treated	38.0	\$5/ac	-\$5/ac
Untreated	39.2		
Yield Difference	-1.2		
P-Value	0.0927		
CV	3.1%		
Significance	No	Economic	No

† Based on an estimated cost for biological products

†† Yields were not significantly different, therefore there is no increased income to offset the cost of the biological product