

Pea Biological Trial

Trial ID: 2025-PB04 – R.M. of Louise

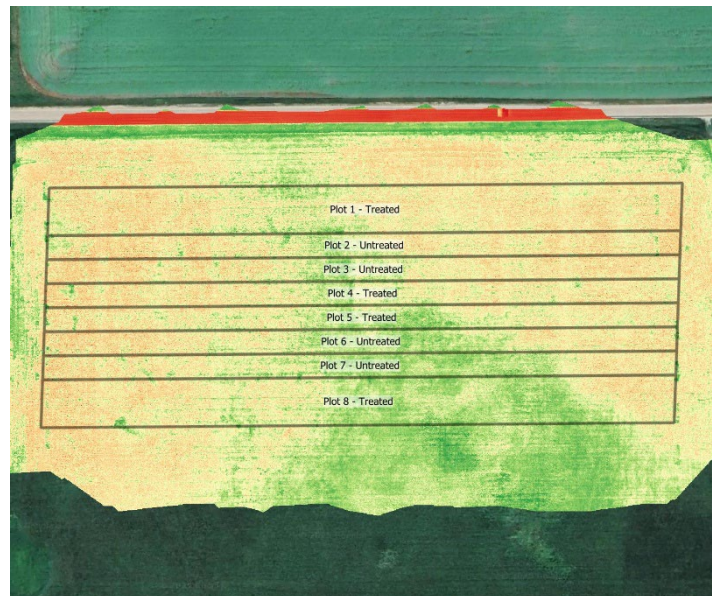
Objective: Quantify the agronomic and economic impacts of biological products for pea production.

Summary: There was no significant yield difference between peas treated with WAVE® and those without. 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 product.

Trial Information

Treatments	Untreated vs. 60 mL/ac WAVE®
Soil Texture	Clay Loam
Previous Crop	Flax
Tillage	Zero Tillage
Seeding Date	5/16/2025
Variety	CDC Boundless
Seeding Rate	168 lbs/ac
Row Spacing	10 in.
Plant Stand @ R5	245,563 plants/ac
Harvest Date	8/27/2025

NDVI Field Image August 12

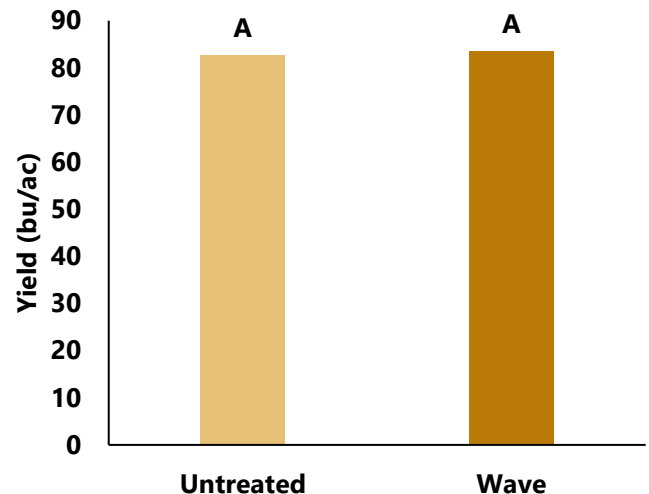


Yield by Treatment

Precipitation (mm)

	May	June	July	Aug	Total
Rainfall	39.5	26.3	88.7	44.7	199.2
Normal	70.92	89.47	78.51	58.55	297.45
% Norm	56%	29%	113%	76%	67%

PB04





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Pea Biological Trial

Overall Yield & Economics

	Mean (bu/ac)	Cost †	Change in Profit ††
Untreated	82.5		
WAVE®	83.4	\$6.41/ac	-\$6.41/ac
Yield Difference	0.9		
P-Value	0.1495		
CV	1%		
Significance	No	Economic	No

† Based on an estimated cost for biological products, not including application cost.

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