

Soybean Biological Trial

Trial ID: 2025-SB02 – R.M. of Rockwood

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

Summary: There was no significant yield difference between soybeans 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 application.

Trial Information

| | |
|-------------------------|-------------------------------|
| Treatments | Untreated vs. 0.6L/ac WAVE™ † |
| Soil Texture | Silty Clay Loam |
| Previous Crop | Wheat |
| Tillage | Conventional Tillage |
| Seeding Date | 5/20/2025 |
| Variety | DKB006-29 |
| Seeding Rate | 168,000 seeds/ac |
| Row Spacing | 10 in. |
| Plant Stand @ R1 | 130,438 plants/ac |
| Harvest Date | 10/2/2025 |

† WAVE™ is a biostimulant product intended to improve nutrient use efficiency, help maximize yield potential and mitigate abiotic stressors

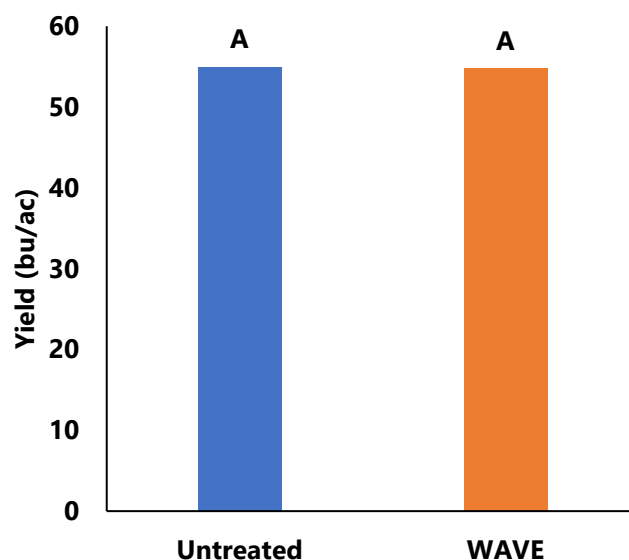
Precipitation (mm)

| | May | June | July | Aug | Total |
|-----------------|-------|-------|-------|-------|--------|
| Rainfall | 14.7 | 23.5 | 24.1 | 133.5 | 195.8 |
| Normal | 66.93 | 96.96 | 78.74 | 77.74 | 320.37 |
| % Norm | 22% | 24% | 31% | 172% | 61% |

NDVI Field Image August 13



Yield by Treatment



Overall Yield & Economics

| | Mean (bu/ac) | Cost † | Change in Profit †† |
|-------------------------|--------------|-----------|---------------------|
| WAVE™ | 54.8 | \$6.41/ac | -\$6.41/ac |
| Untreated | 55.0 | | |
| Yield Difference | -0.2 | | |
| P-Value | 0.9436 | | |
| CV | 5.7% | | |
| Significance | No | Economic | No |

† Based on an estimated cost for biological products, does not include application cost

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