Product Trial Report

GROWER DETAILS
Grower:
City & State: Cuba City WI, WI
Zip Code: 53807

FIELD DETAILS
Total Acres: 158.86
Soil Type: Please see Soil Type Map
Tile: Spot Tile
Irrigation: None
Fall Tillage: No Till
Spring Tillage: No Till
Previous Crop: Corn

PLANTING/HARVEST DETAILS
Crop: Soybean
Plant Date: 04/14/2025
Row Spacing: 15"
Planting Depth: 1.75
Harvest Date: 09/17/2025
Variety: P11Z72E, P17Z39E
Seed Company: Pioneer
Population: 120000

Total Acre Final Report
Report Date: 01/07/2026
Harvest Year: 2025
Crop: Soybean
Trial Name: EXP-992 Soybean
Trial Type: Post Herbicide & R1-R3 Fungicide Pass
Product Name: Growth Supplement 30"

Field Map

Soil Type

Product Trial Report
Planting Map

Trial Zones

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Tissue Results Data

Date	GDUs	Water	Tissue Site	Nitrogen	Phosphorus	Potassium	Magnesium	Calcium	Sulfur	Zinc	Manganese	Copper	Iron	Boron	Aluminum	Molybdenum	Sodium
06/30/2025	1057	-	EXP-922	5.26 %	0.59 %	2.66 %	0.5 %	0.99 %	0.31 %	68.1 ppm	57.93 ppm	10.17 ppm	281.42 ppm	50.01 ppm		2.77 ppm	0.75 ppm
			EXP-922 Control	5.2 %	0.59 %	2.54 %	0.45 %	0.85 %	0.3 %	51.15 ppm	49.79 ppm	10.24 ppm	197.52 ppm	43.62 ppm		2.88 ppm	0.77 ppm
08/11/2025	2015	9.1 in	EXP-922	6.07 %	0.43 %	1.97 %	0.21 %	1.3 %	0.34 %	71.96 ppm	131.56 ppm	15.93 ppm	287 ppm	59.51 ppm		2.87 ppm	0.38 ppm
			EXP-922 Control	5.94 %	0.4 %	1.94 %	0.28 %	1.03 %	0.35 %	74.71 ppm	106.22 ppm	9.05 ppm	156.8 ppm	53.22 ppm		2.7 ppm	0.25 ppm
08/18/2025	2178	1.3 in	EXP-922	5.85 %	0.46 %	1.91 %	0.23 %	1.61 %	0.34 %	62.3 ppm	120.43 ppm	9.34 ppm	116.77 ppm	57.22 ppm		3.3 ppm	0.08 ppm
			EXP-922 Control	5.87 %	0.41 %	1.74 %	0.22 %	1.55 %	0.33 %	74.74 ppm	149.1 ppm	9.35 ppm	125.3 ppm	64.57 ppm		3.13 ppm	0.14 ppm

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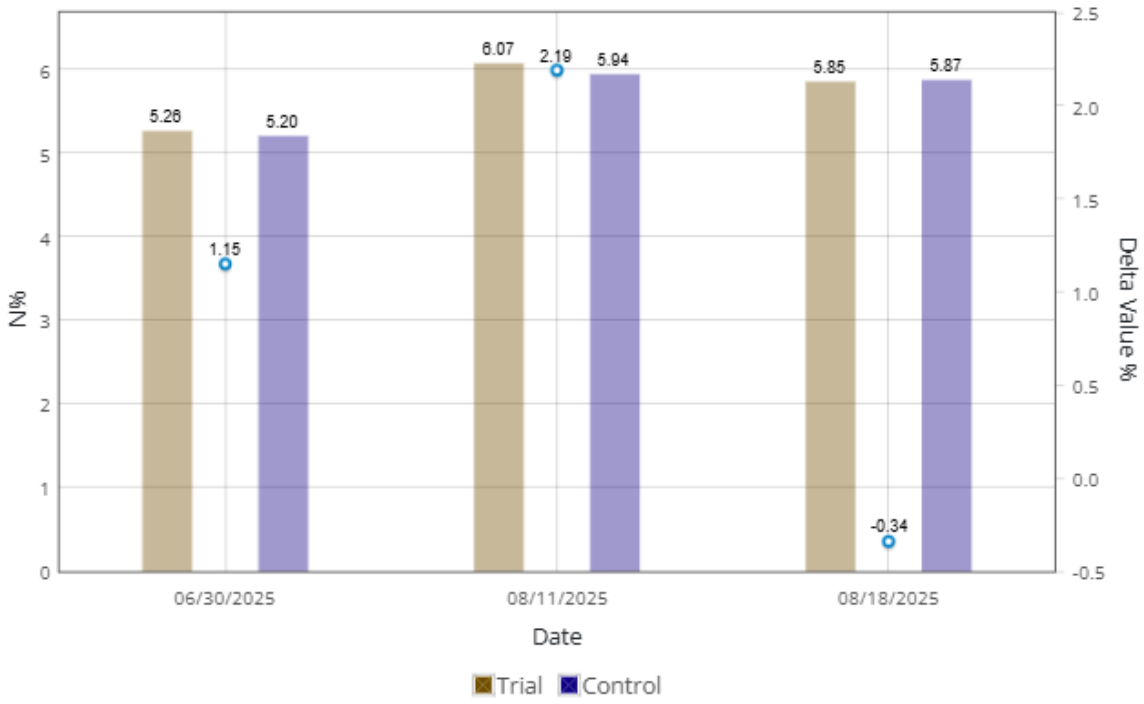
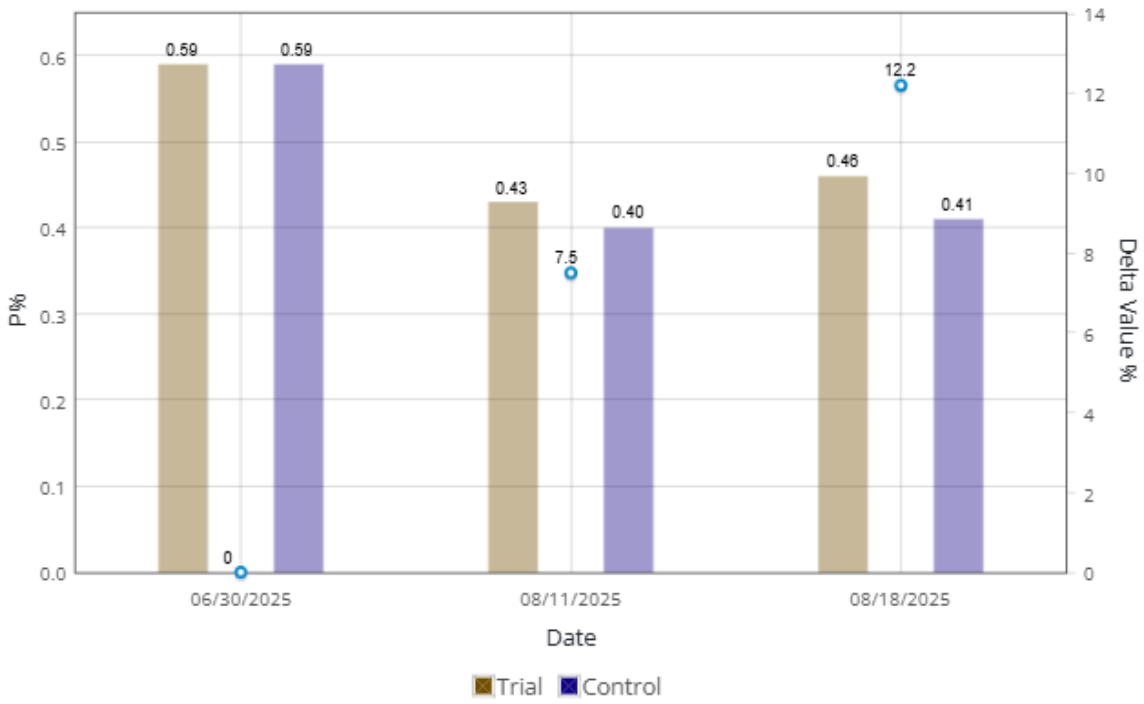
Tissue Sample Comparison - Nitrogen



Tissue Sample Comparison - Phosphorus



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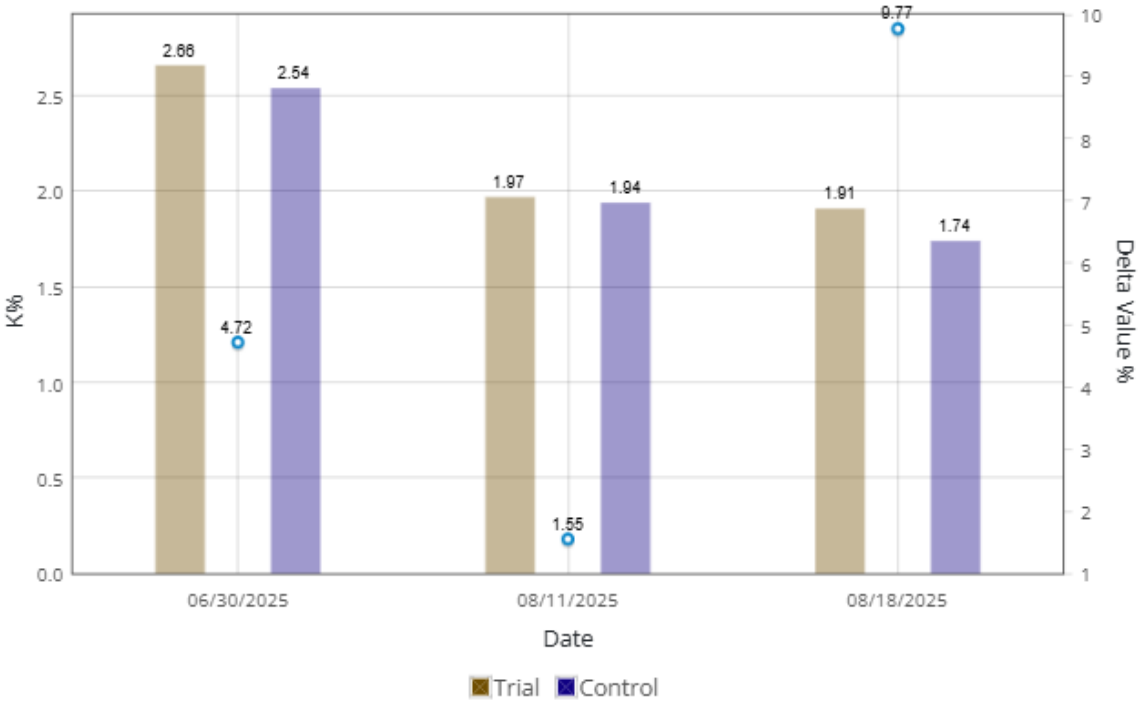
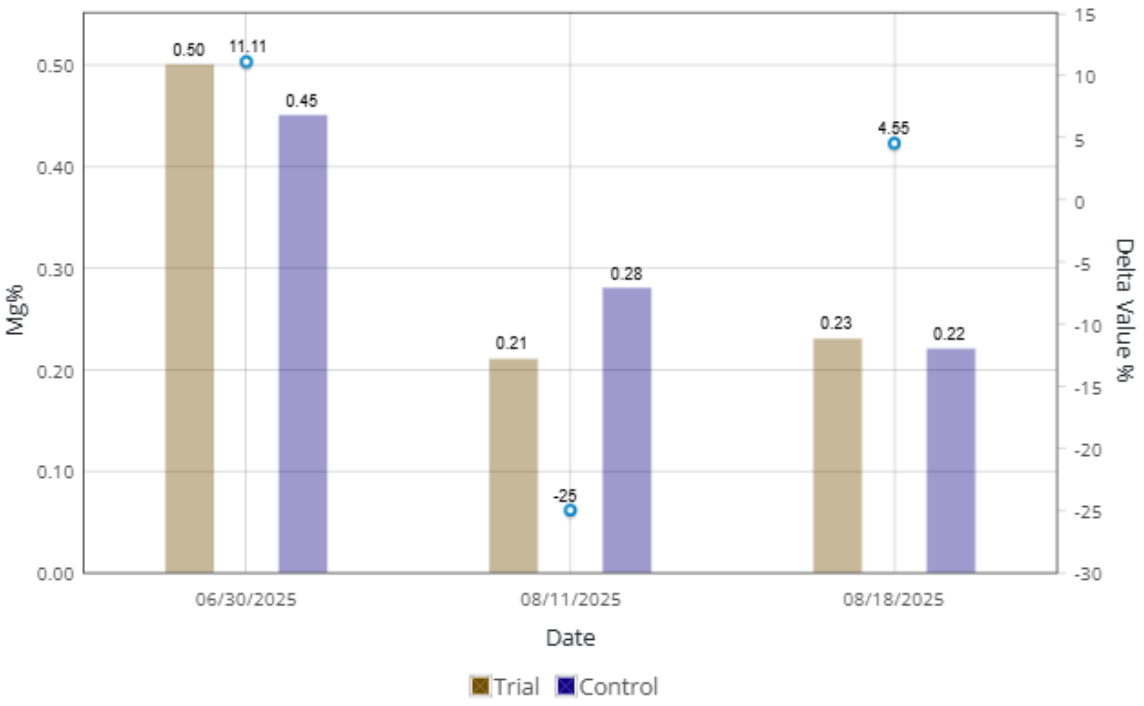
Tissue Sample Comparison - Potassium



Tissue Sample Comparison - Magnesium



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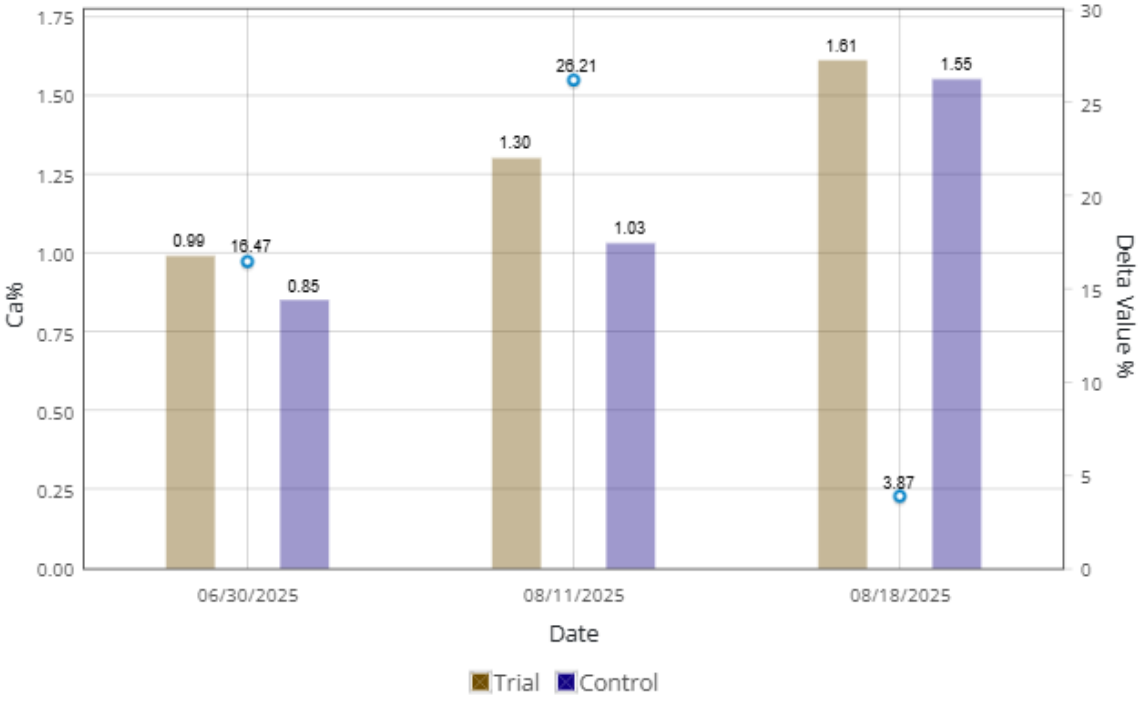
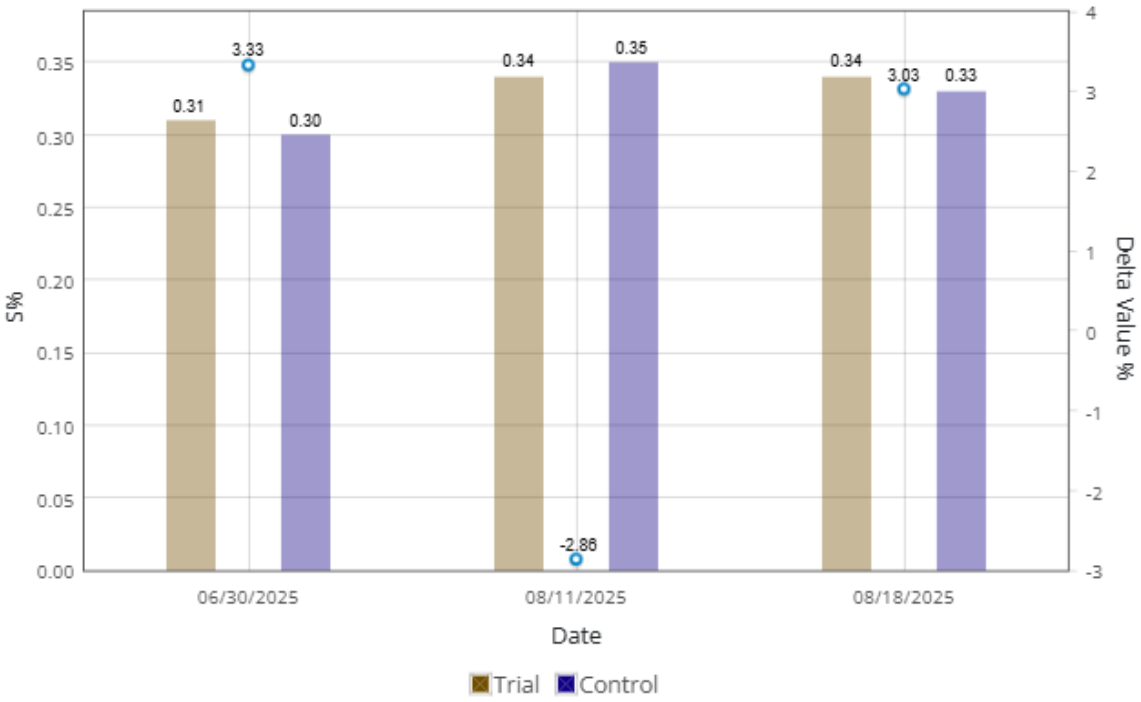
Tissue Sample Comparison - Calcium



Tissue Sample Comparison - Sulfur



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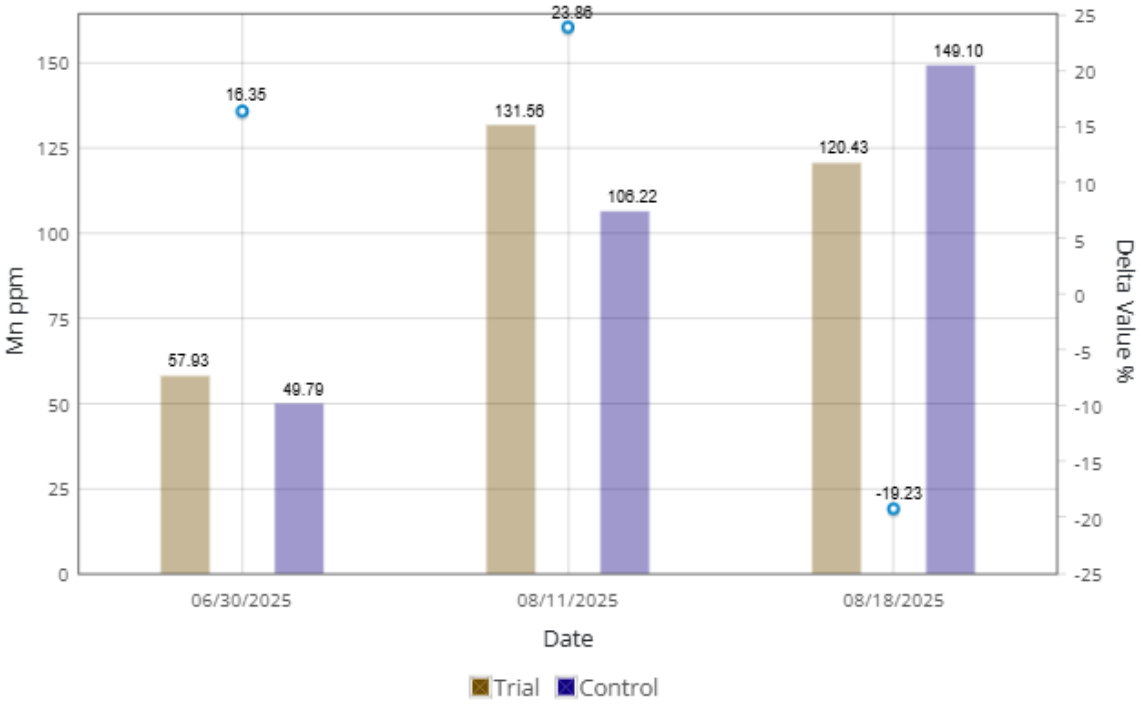
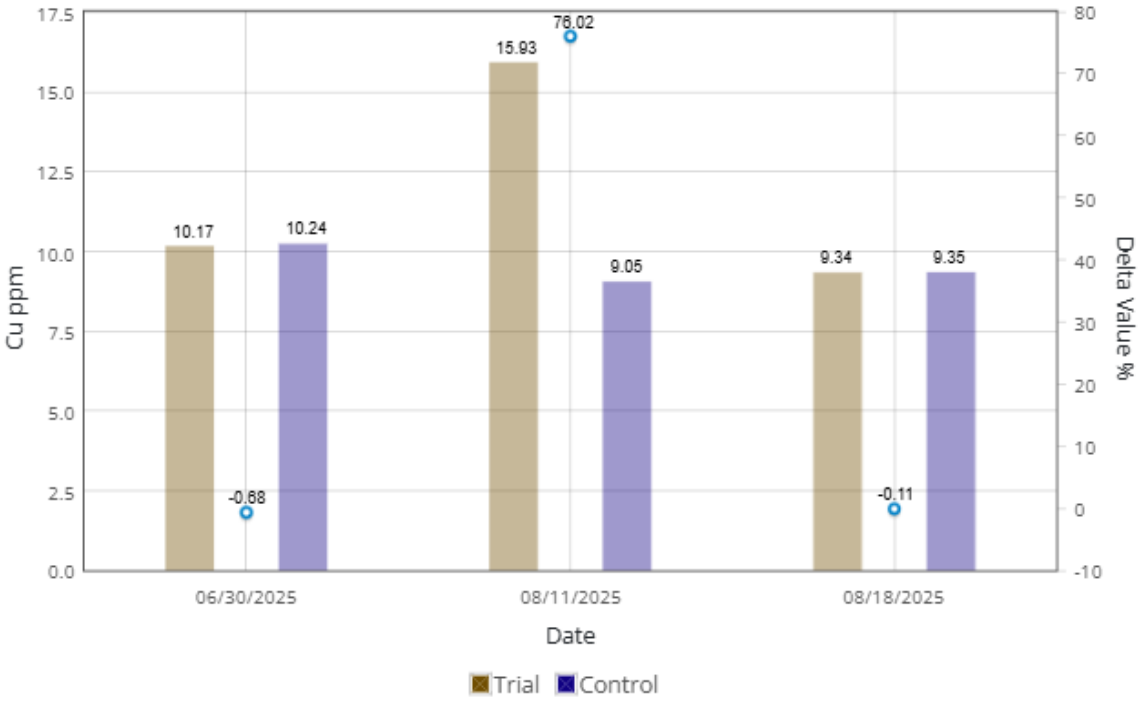
Tissue Sample Comparison - Manganese



Tissue Sample Comparison - Copper



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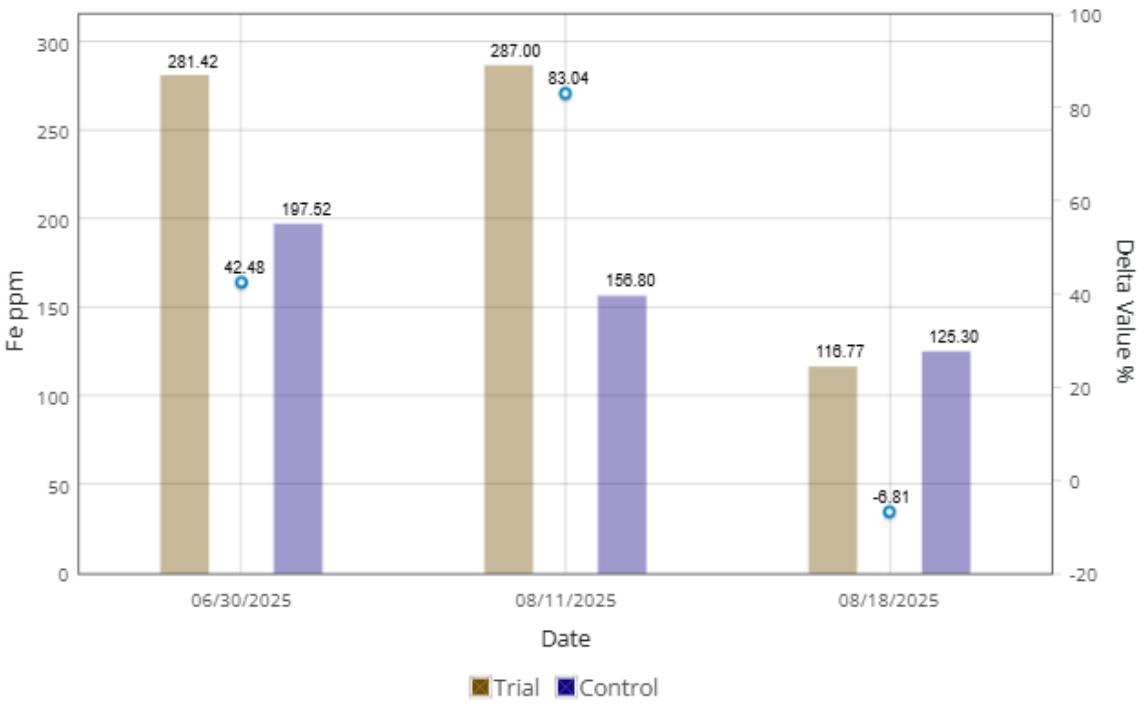
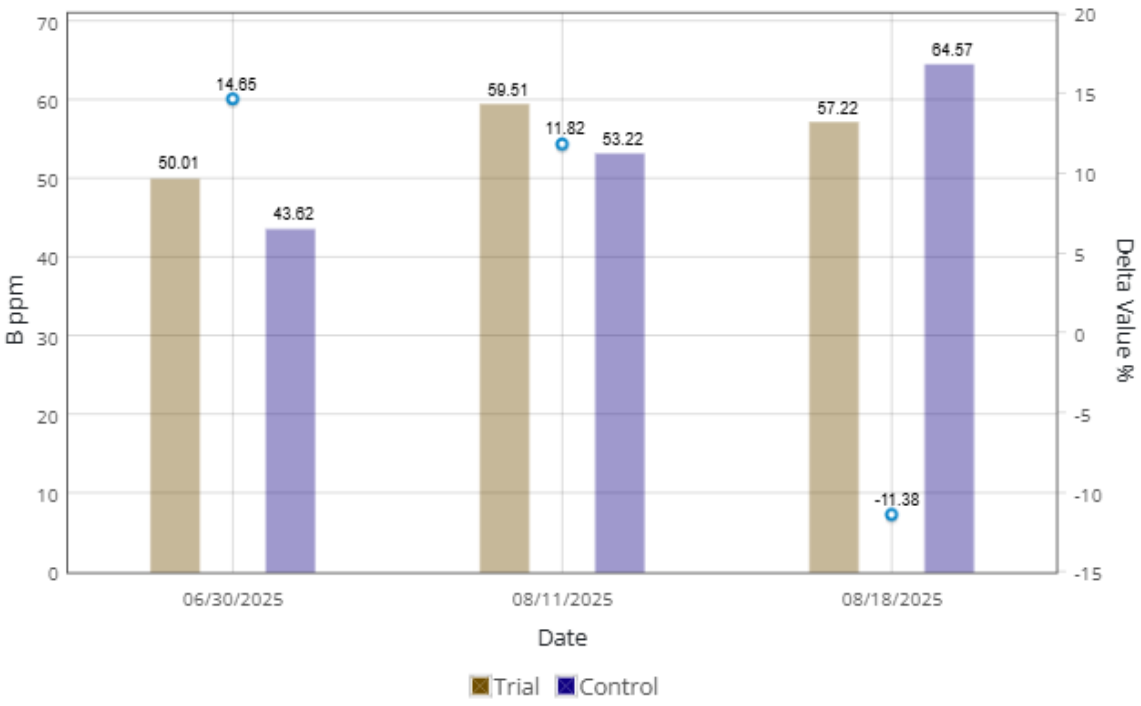
Tissue Sample Comparison - Iron



Tissue Sample Comparison - Boron



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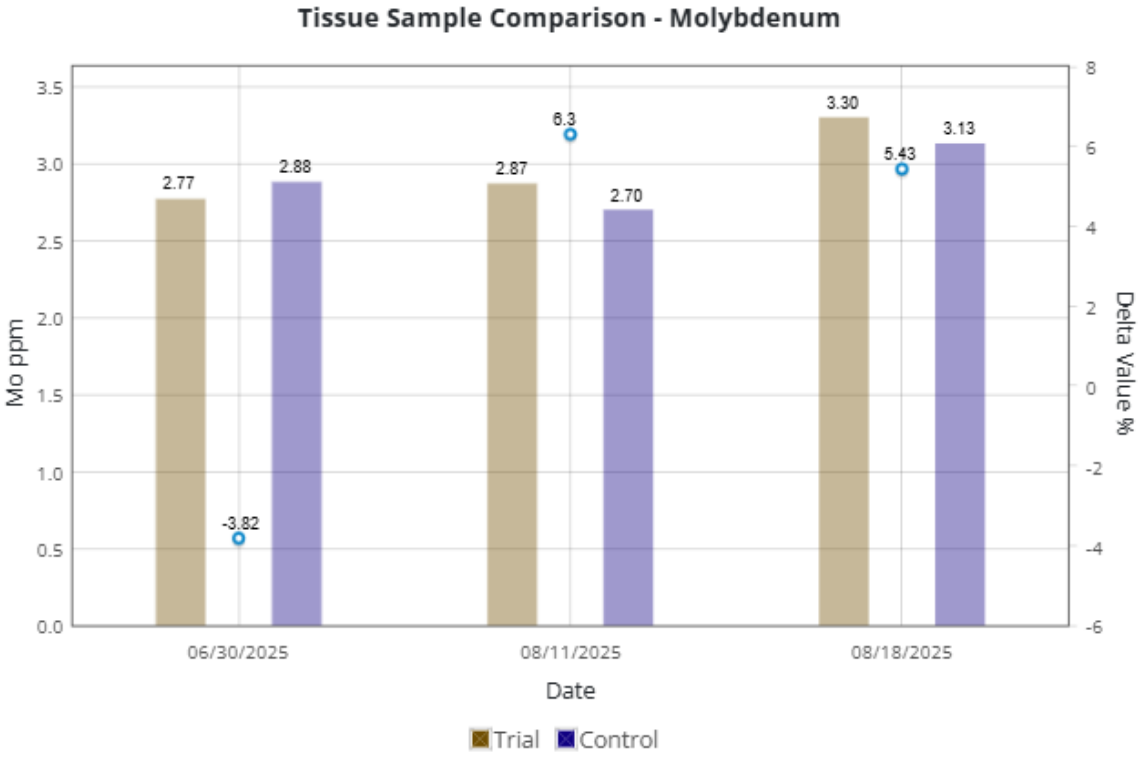

Product Trial Report

Yield Results Data

High Level Yield Heat Map

This data was filtered based on -0.5 / +2.5 St Dev

Yield Summary BPA	
Location	*Yield*
P11Z72E EXP 922 Treated	82.37
P11Z72E Control	81.35
Yield Response	1.02

Yield Values	
	74.6 - 80.4
	80.4 - 85.2
	85.2 - 90.3
	90.3 - 96.1
	96.1 - 122.8

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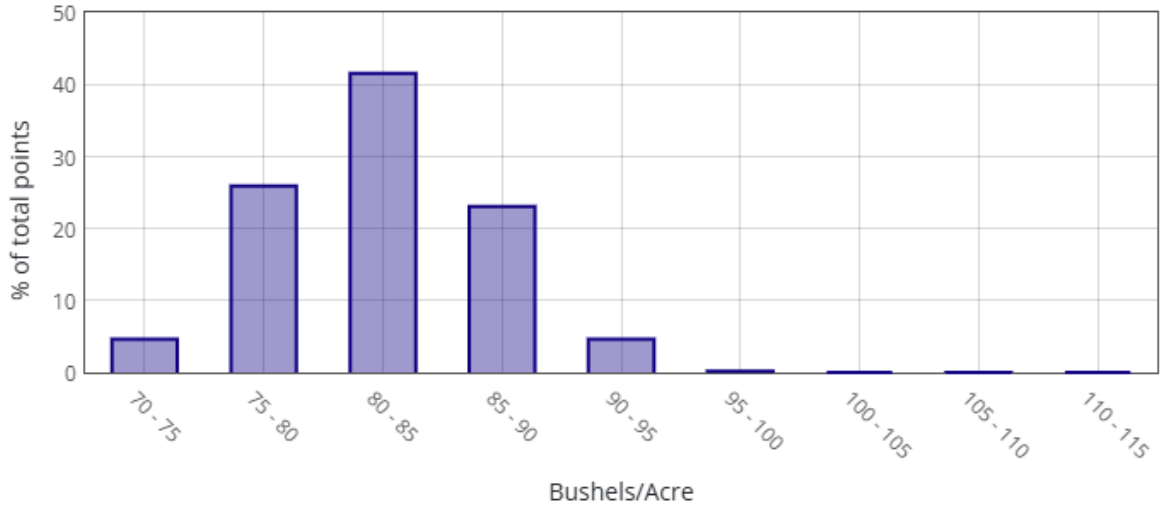
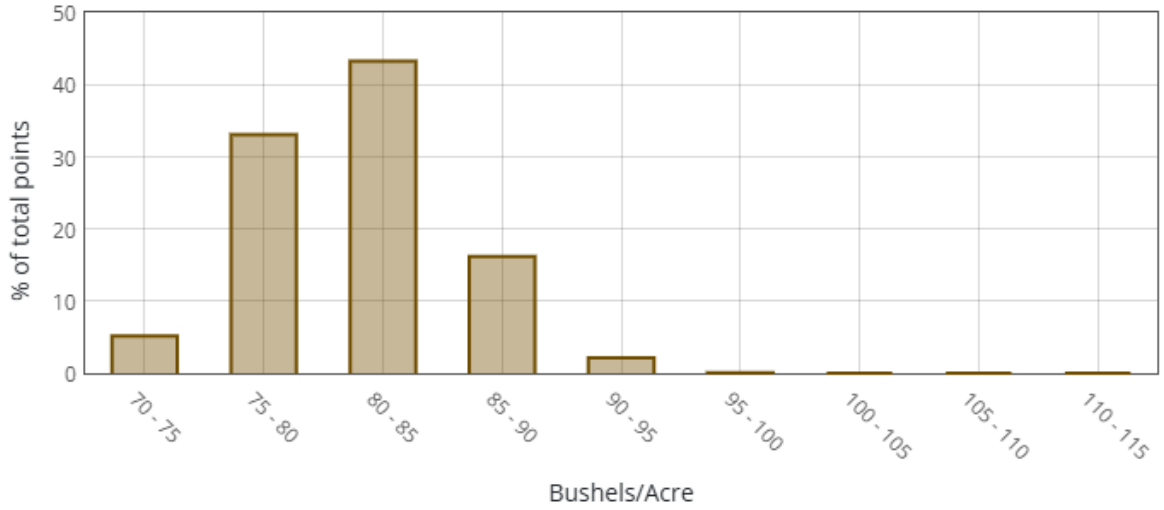
P11Z72E EXP 922 Treated



P11Z72E Control



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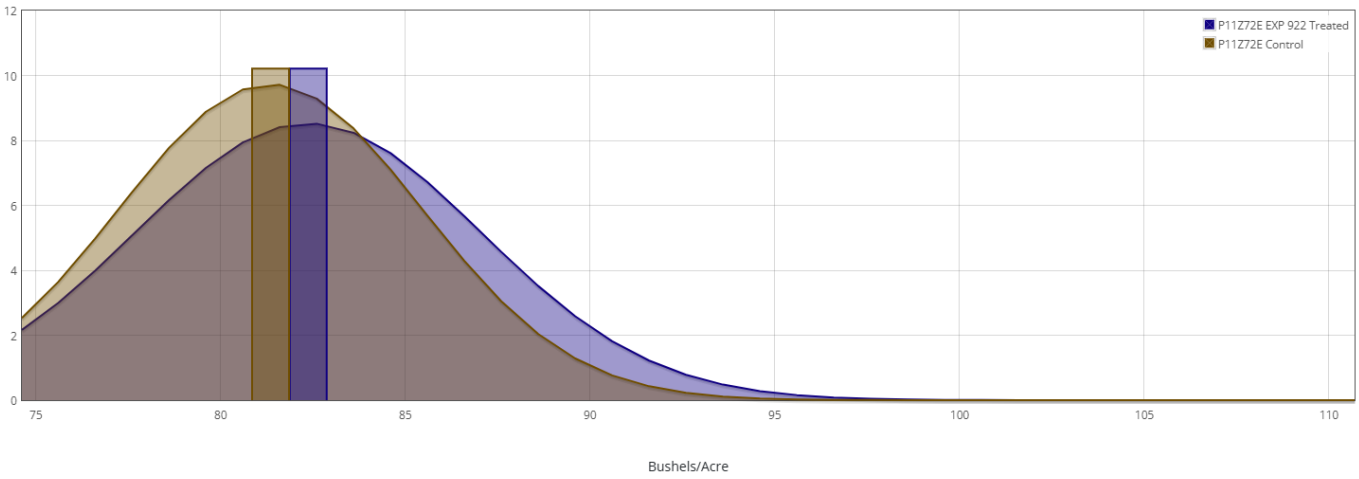
Normal Curve Distribution



Product Trial Report

Product Trial Comments:

- This trial had 2 soybean varieties planted in this experimental study
- The P11Z72E variety had a 1.02 bushels/acre yield response using -0.5 / +2.5 St Dev measurement method to tighten up yield data points.
- The P17Z39E had a -1.55 bushels/acre yield response using the same standard deviation measurement (Trial = 90.13, Control = 91.68)
- The trial zones have unique shapes due to application direction being a different angle to harvest passes. A few harvest passes were also trimmed due to inconsistent yield patterns attributed to monitor issues
- It was reported that emergence issues led to a projected 7% yield loss. It was also reported that a very cool spring led to soybeans growing very slow early in the growing season

Application Date and Details:

Post Herbicide Pass Timing

- **Application Date:** 7/1/2025
- **Growth Stage:** V5
- **Application Method:** Broadcast Drone
- **Product Application Rate/Acre:** EXP-992 = 10 oz
- **Tank Mix Rate/Acre:** 3 Gallons

R1-R3 Fungicide Pass

- **Application Date:** 7/31/2025
- **Growth Stage:** R2
- **Application Method:** Broadcast Drone
- **Product Application Rate/Acre:** EXP-992 = 10 oz
- **Tank Mix Rate/Acre:** 3 Gallons

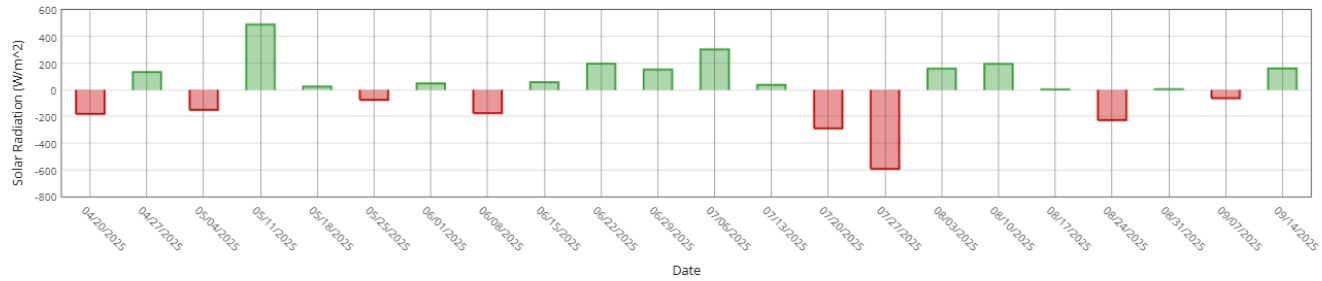
Product Trial Report

Trial Location Weather Data vs 5 Yr Avg

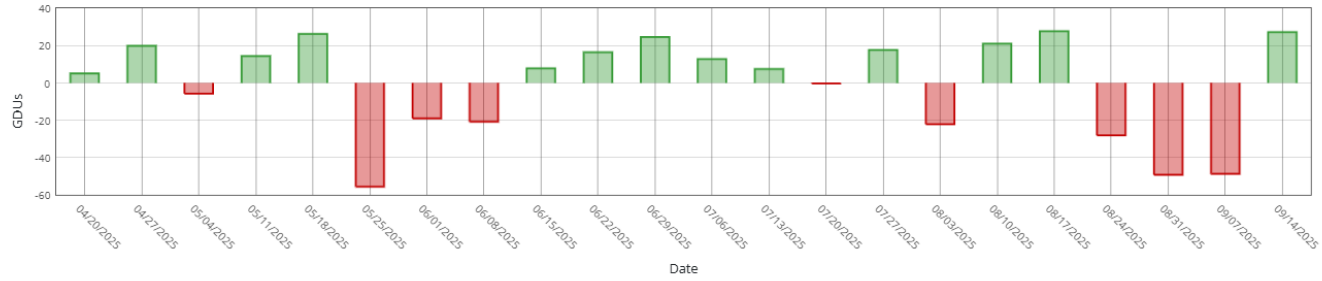
Historical Averages based on past 5 years

Cumulative Week over Week

Sunlight



Heat (GDUs)



Rain