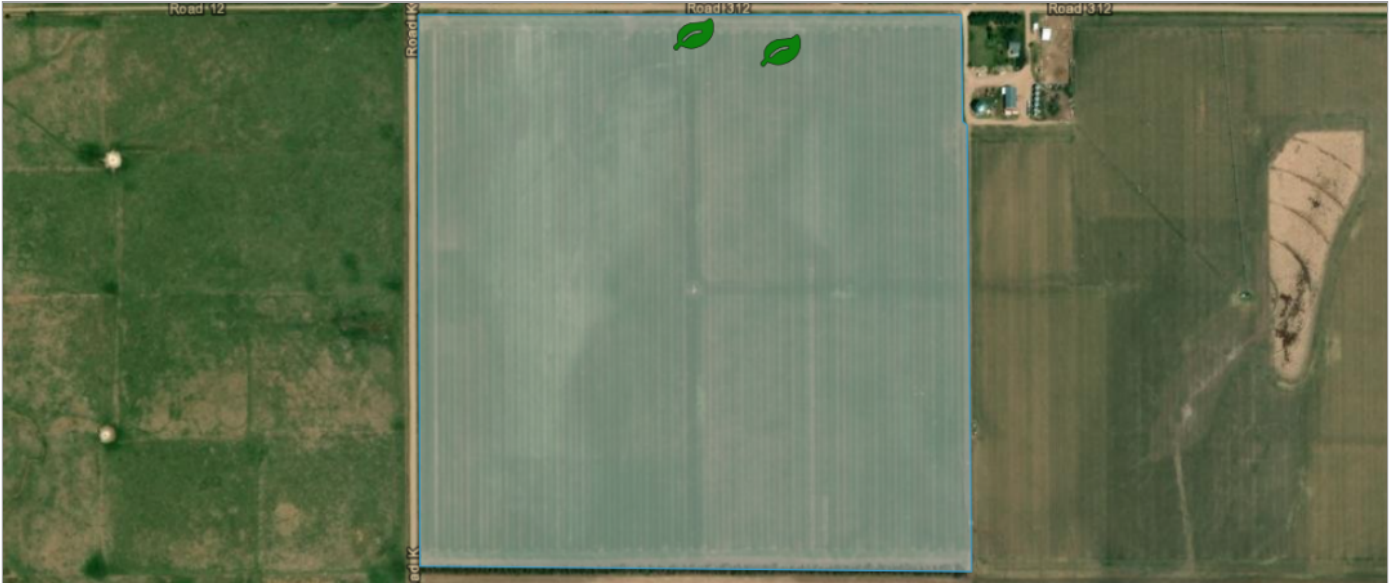


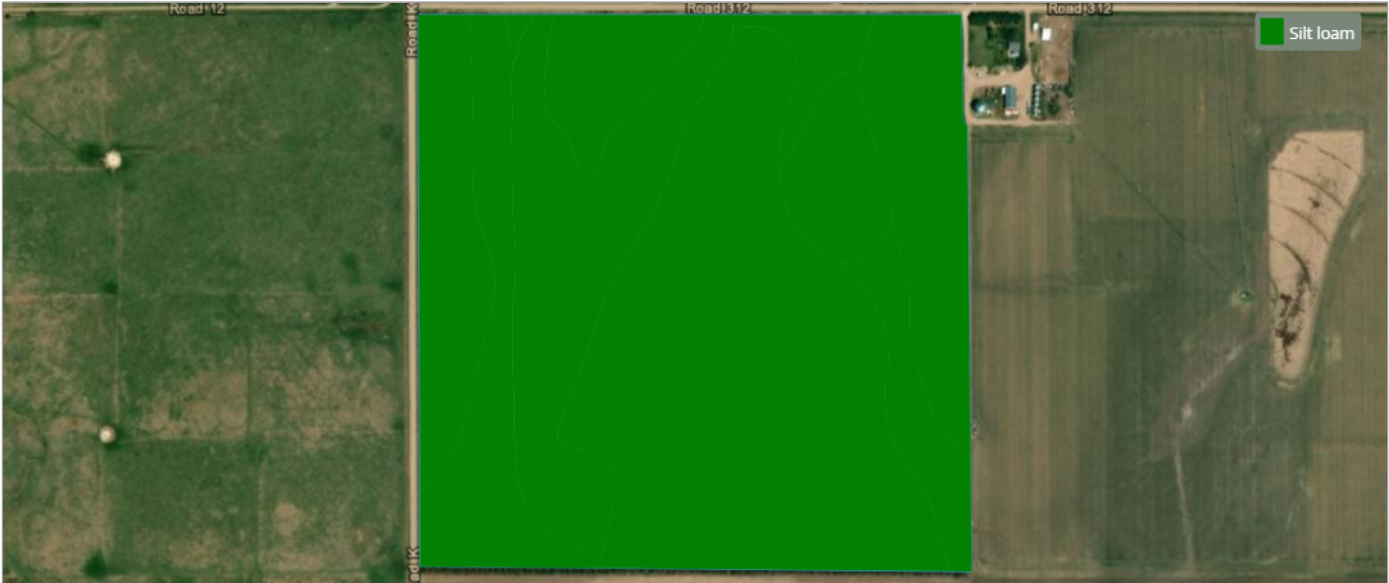
Product Trial Report

GROWER DETAILS	FIELD DETAILS	PLANTING/HARVEST DETAILS	Total Acre Final Report
Grower:	Total Acres: 153.83	Crop: Soybean	Report Date: 11/07/2025
City & State: Clay Center, NE	Soil Type: Please see Soil Type Map	Plant Date: 04/15/2025	Harvest Year: 2025
Zip Code: 68933	Tile: No Tile	Row Spacing: 30"	Crop: Soybean
	Irrigation: Pivot	Planting Depth: 2.00	Trial Name: EXP-992 Soybean
	Fall Tillage: Strip Till	Harvest Date: 09/13/2025	Trial Type: Post Herbicide & R1-R3 Fungicide Pass
	Spring Tillage: Strip Till	Variety: P23Z58E	Product Name: Growth Supplement 30"
	Previous Crop: Corn	Seed Company: Pioneer	
		Population: 110000	

Field Map



Soil Type

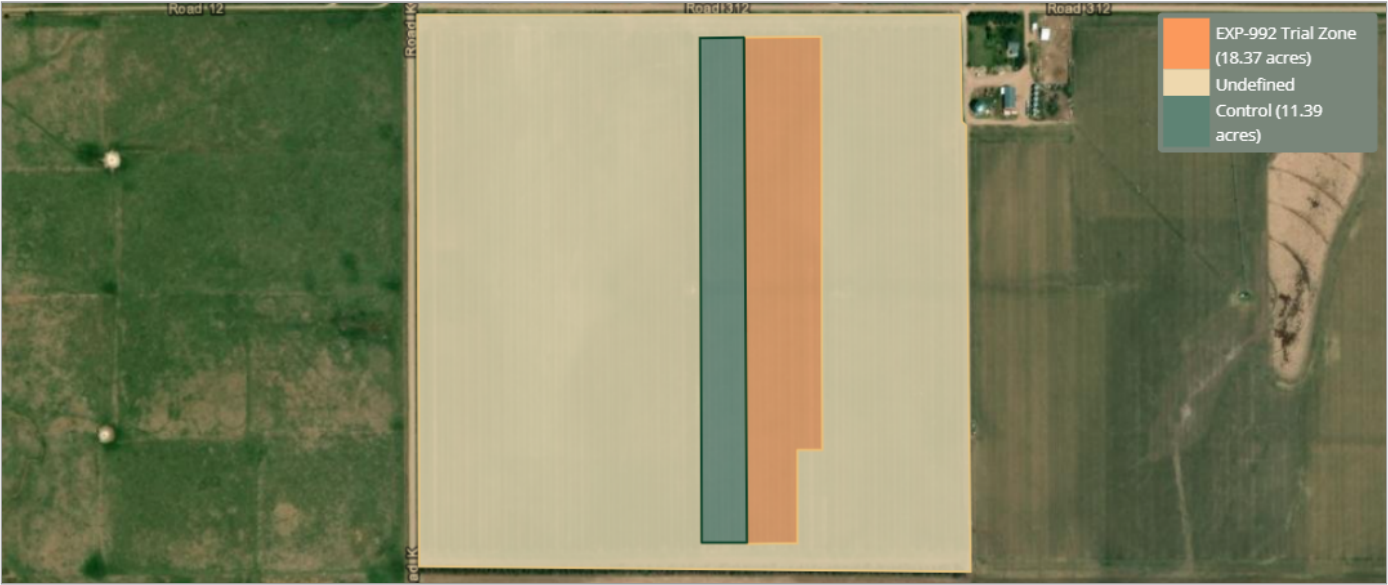


Product Trial Report

Planting Map



Trial Zones



Product Trial Report

Tissue Results Data

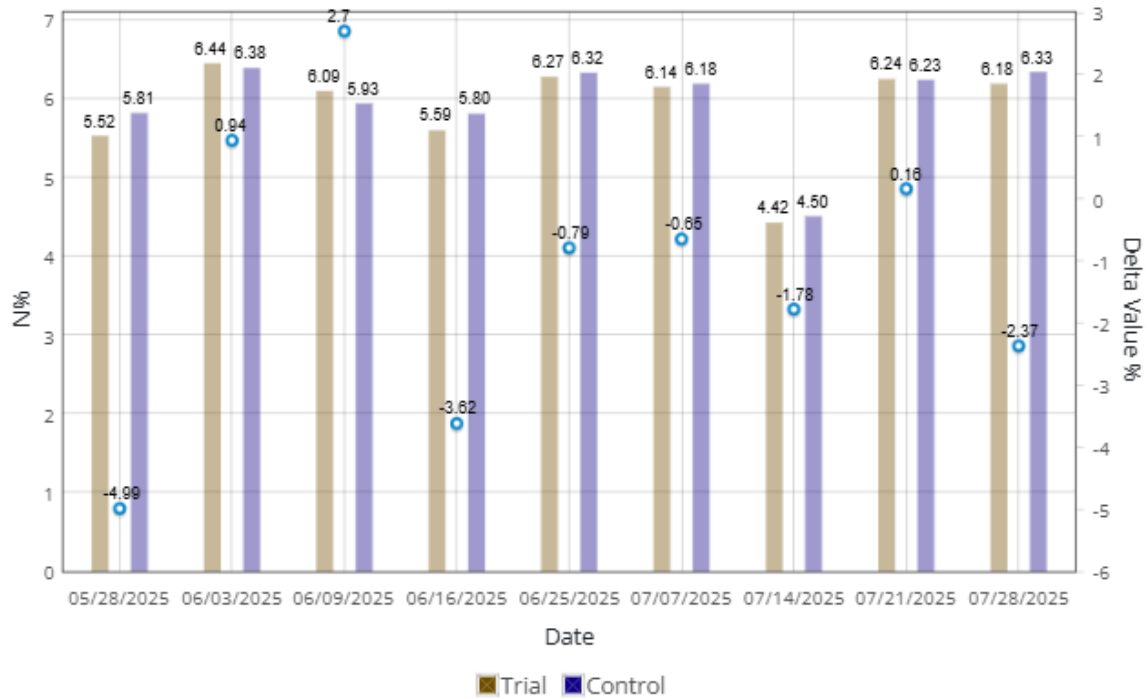
Date	GDUs	Water	Tissue Site	Nitrogen	Phosphorus	Potassium	Magnesium	Calcium	Sulfur	Zinc	Manganese	Copper	Iron	Boron	Aluminum	Molybdenum	Sodium
05/28/2025	474	-	Soil Biotics Treated	5.52 %	0.43 %	2.08 %	0.54 %	1.96 %	0.32 %	42.89 ppm	139.32 ppm	7.48 ppm	241 ppm	47.09 ppm		1.15 ppm	0.07 ppm
			UTC	5.81 %	0.44 %	2.27 %	0.53 %	1.66 %	0.32 %	49.06 ppm	133.68 ppm	7.65 ppm	226 ppm	49.69 ppm		1.48 ppm	0.1 ppm
06/03/2025	564	0.2 in	Soil Biotics Treated	6.44 %	0.53 %	3.39 %	0.48 %	1.28 %	0.4 %	41.75 ppm	86.19 ppm	9.55 ppm	238.37 ppm	50.48 ppm		1.13 ppm	0.32 ppm
			UTC	6.38 %	0.5 %	3.24 %	0.47 %	1.37 %	0.39 %	46.02 ppm	99.41 ppm	10.08 ppm	186 ppm	45.46 ppm		1.42 ppm	0.29 ppm
06/09/2025	652	1.4 in	Soil Biotics Treated	6.09 %	0.5 %	2.68 %	0.42 %	1.08 %	0.4 %	39.07 ppm	103.88 ppm	9.41 ppm	263.71 ppm	46.08 ppm		0.84 ppm	0.1 ppm
			UTC	5.93 %	0.59 %	2.55 %	0.43 %	1.09 %	0.41 %	47.1 ppm	102.48 ppm	10.9 ppm	262.51 ppm	42.1 ppm		1.59 ppm	0.13 ppm
06/16/2025	824	0 in	Soil Biotics Treated	5.59 %	0.54 %	3.03 %	0.43 %	1.04 %	0.38 %	45.15 ppm	90.69 ppm	12.32 ppm	172.82 ppm	51.68 ppm		2.3 ppm	0.33 ppm
			UTC	5.8 %	0.45 %	2.81 %	0.37 %	1.03 %	0.33 %	39.85 ppm	80.41 ppm	11.27 ppm	240.48 ppm	47.75 ppm		2.62 ppm	0.34 ppm
06/25/2025	1065	2.6 in	Soil Biotics Treated	6.27 %	0.6 %	2.73 %	0.47 %	1.11 %	0.38 %	50.27 ppm	96.04 ppm	14.11 ppm	262 ppm	54 ppm		1.55 ppm	0.4 ppm
			UTC	6.32 %	0.53 %	2.39 %	0.4 %	0.97 %	0.32 %	44.79 ppm	89.84 ppm	12.27 ppm	202.52 ppm	46.67 ppm		0.58 ppm	0.25 ppm
06/30/2025	1199	0.5 in	Soil Biotics Treated	5.78 %	0.43 %	2.18 %	0.38 %	0.93 %	0.33 %	45.05 ppm	73.5 ppm	11.09 ppm	120.17 ppm	52.18 ppm		2.75 ppm	0.35 ppm
			UTC	5.75 %	0.38 %	2.07 %	0.35 %	0.92 %	0.32 %	37.62 ppm	73.84 ppm	10.57 ppm	110.85 ppm	49.93 ppm		2.08 ppm	0.22 ppm
07/07/2025	1384	0.5 in	Soil Biotics Treated	6.14 %	0.52 %	2.15 %	0.38 %	0.98 %	0.31 %	44.97 ppm	84.95 ppm	18.69 ppm	315 ppm	61.35 ppm		2.52 ppm	0.52 ppm
			UTC	6.18 %	0.56 %	2.28 %	0.41 %	1.05 %	0.34 %	48.65 ppm	92.14 ppm	18.02 ppm	159.54 ppm	63.7 ppm		1.42 ppm	0.6 ppm
07/14/2025	1557	1.7 in	Soil Biotics Treated	4.42 %	0.45 %	2.5 %	0.33 %	1.01 %	0.33 %	41.86 ppm	79.13 ppm	13.52 ppm	112.38 ppm	67.16 ppm		0.36 ppm	0.19 ppm
			UTC	4.5 %	0.49 %	2.34 %	0.35 %	1.07 %	0.33 %	43.73 ppm	85.13 ppm	11.83 ppm	101.75 ppm	64.88 ppm		0.65 ppm	0.19 ppm
07/21/2025	1731	2.7 in	Soil Biotics Treated	6.24 %	0.33 %	1.65 %	0.25 %	0.82 %	0.26 %	34.11 ppm	72.85 ppm	9.36 ppm	116.41 ppm	49.2 ppm		0.42 ppm	0.17 ppm
			UTC	6.23 %	0.36 %	1.67 %	0.27 %	0.88 %	0.27 %	34.85 ppm	83.21 ppm	9.16 ppm	130.46 ppm	48.62 ppm		0.83 ppm	0.17 ppm
07/28/2025	1920	0.6 in	Soil Biotics Treated	6.18 %	0.33 %	1.73 %	0.3 %	1 %	0.33 %	45.81 ppm	81.31 ppm	13.37 ppm	223.29 ppm	56.75 ppm		0.65 ppm	0.3 ppm
			UTC	6.33 %	0.39 %	1.88 %	0.3 %	1.1 %	0.37 %	46.98 ppm	100.33 ppm	13.57 ppm	196.68 ppm	63.79 ppm		0.53 ppm	0.57 ppm
08/04/2025	2069	2.6 in	Soil Biotics Treated	5.49 %	0.34 %	1.92 %	0.25 %	1.22 %	0.36 %	41.1 ppm	101.11 ppm	13.42 ppm	202.08 ppm	62.58 ppm		0.85 ppm	0.08 ppm
			UTC	5.44 %	0.36 %	1.96 %	0.25 %	1.22 %	0.37 %	47 ppm	100.24 ppm	13.47 ppm	110.51 ppm	61.86 ppm		0.45 ppm	0.11 ppm

Product Trial Report

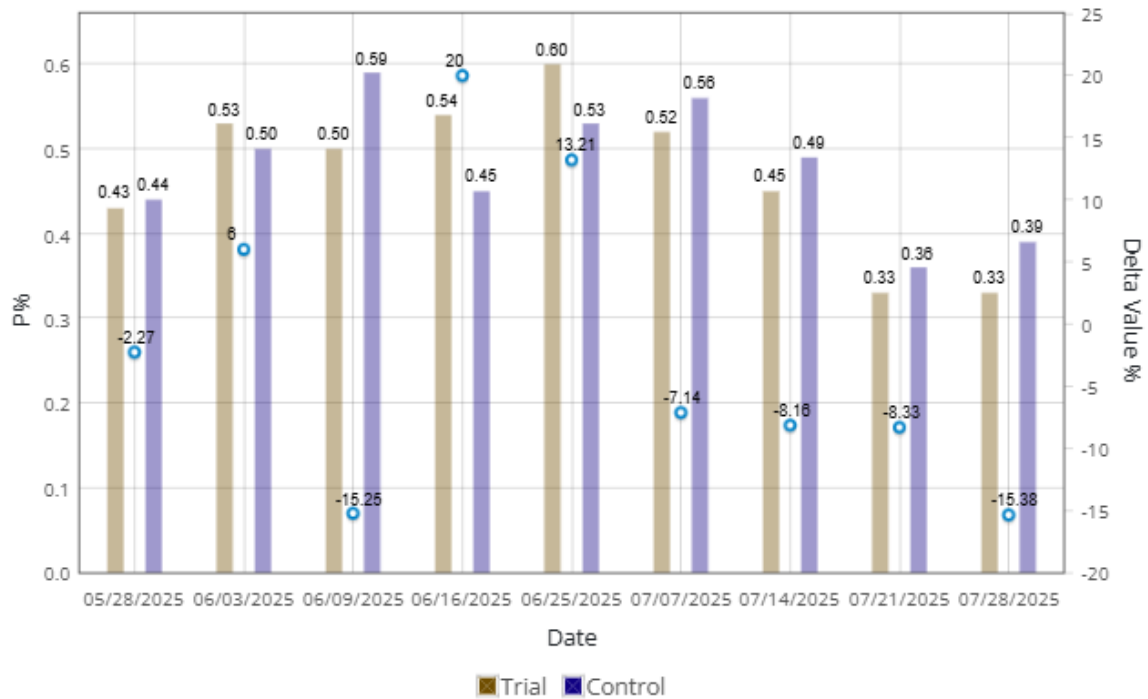
Date	GDUs	Water	Tissue Site	Nitrogen	Phosphorus	Potassium	Magnesium	Calcium	Sulfur	Zinc	Manganese	Copper	Iron	Boron	Aluminum	Molybdenum	Sodium
08/11/2025	2258	3.1 in	Soil Biotics Treated	5.33 %	0.36 %	2.27 %	0.23 %	1.76 %	0.4 %	43.09 ppm	118.39 ppm	13.43 ppm	146.85 ppm	62.99 ppm		0.15 ppm	0.15 ppm
			UTC	5.36 %	0.35 %	2.05 %	0.22 %	1.63 %	0.39 %	47.74 ppm	120.94 ppm	10.87 ppm	119.76 ppm	59.01 ppm		0.16 ppm	0.13 ppm
08/18/2025	2456	0.7 in	Soil Biotics Treated	4.6 %	0.28 %	2.02 %	0.16 %	1.73 %	0.31 %	33.35 ppm	115.84 ppm	11.43 ppm	110.28 ppm	63.55 ppm		0.14 ppm	0.12 ppm
			UTC	4.65 %	0.3 %	2.26 %	0.15 %	1.58 %	0.33 %	33.56 ppm	108.12 ppm	10.77 ppm	106.24 ppm	58.07 ppm		0.22 ppm	432.31 ppm

Product Trial Report

Tissue Sample Comparison - Nitrogen

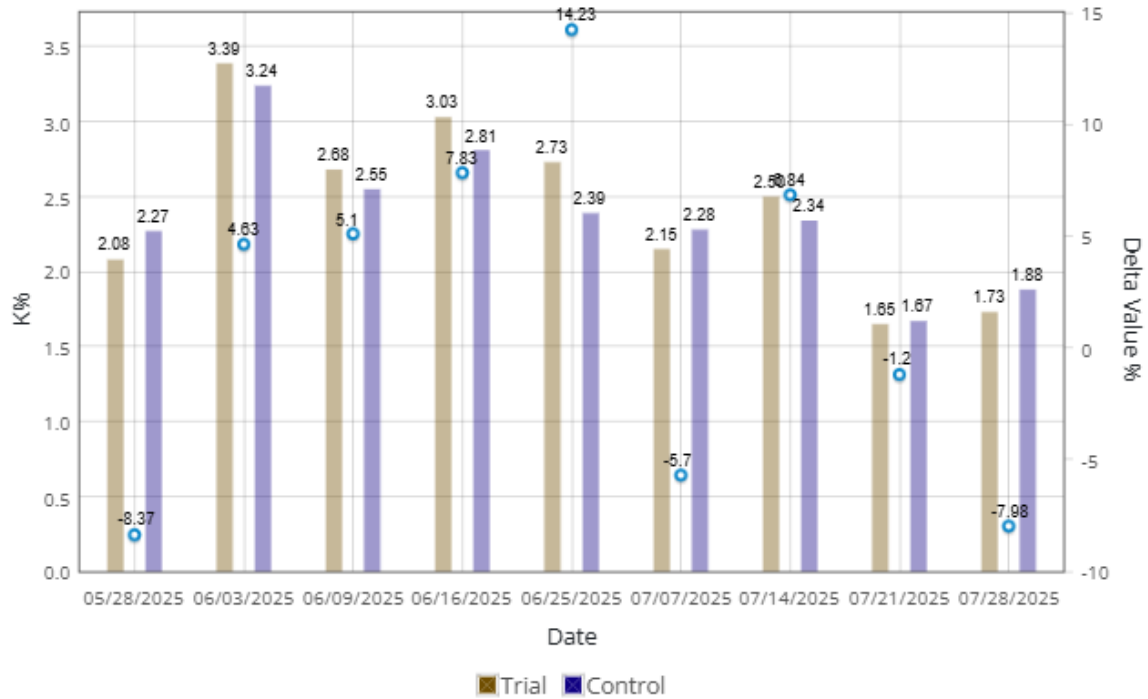


Tissue Sample Comparison - Phosphorus

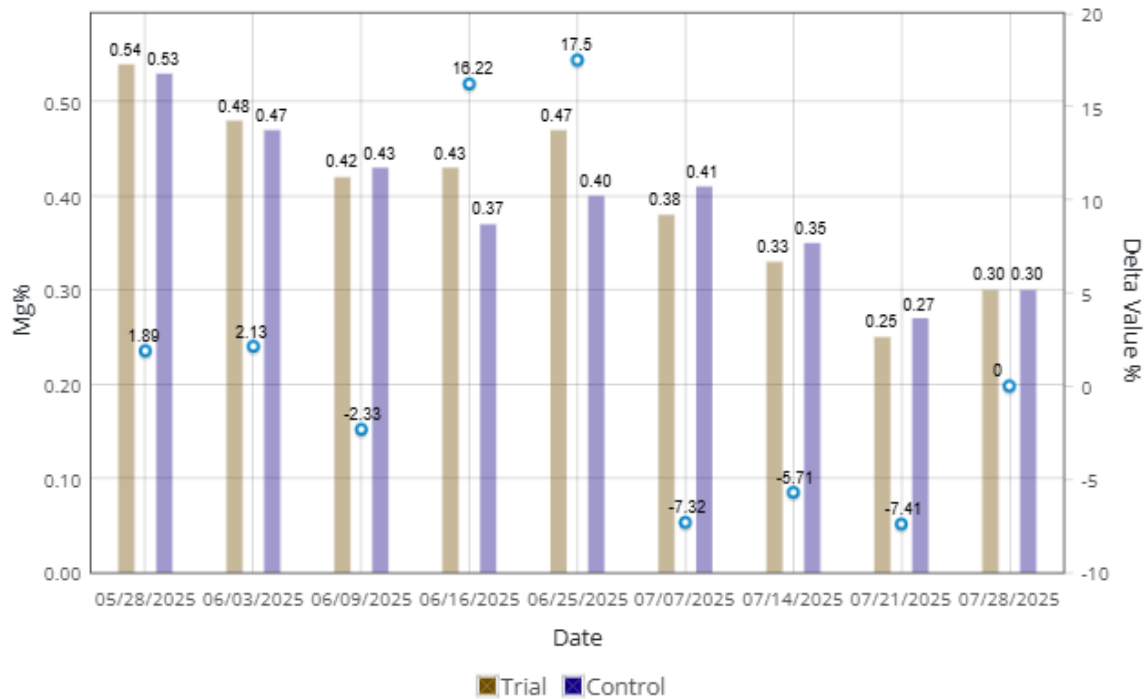


Product Trial Report

Tissue Sample Comparison - Potassium

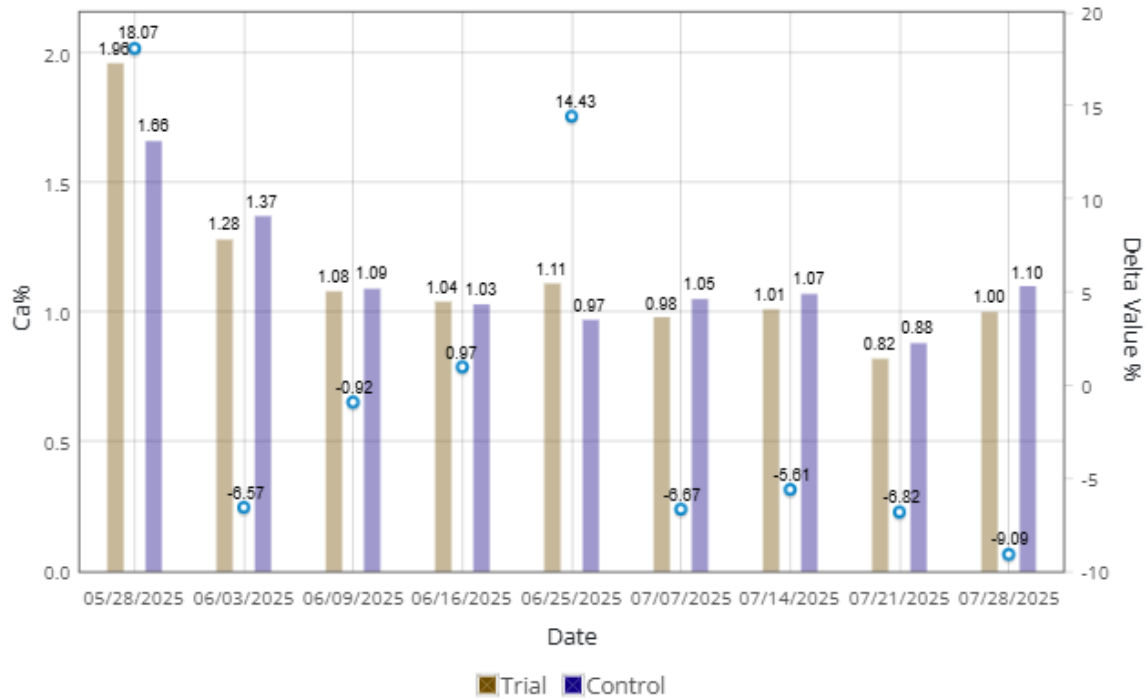


Tissue Sample Comparison - Magnesium

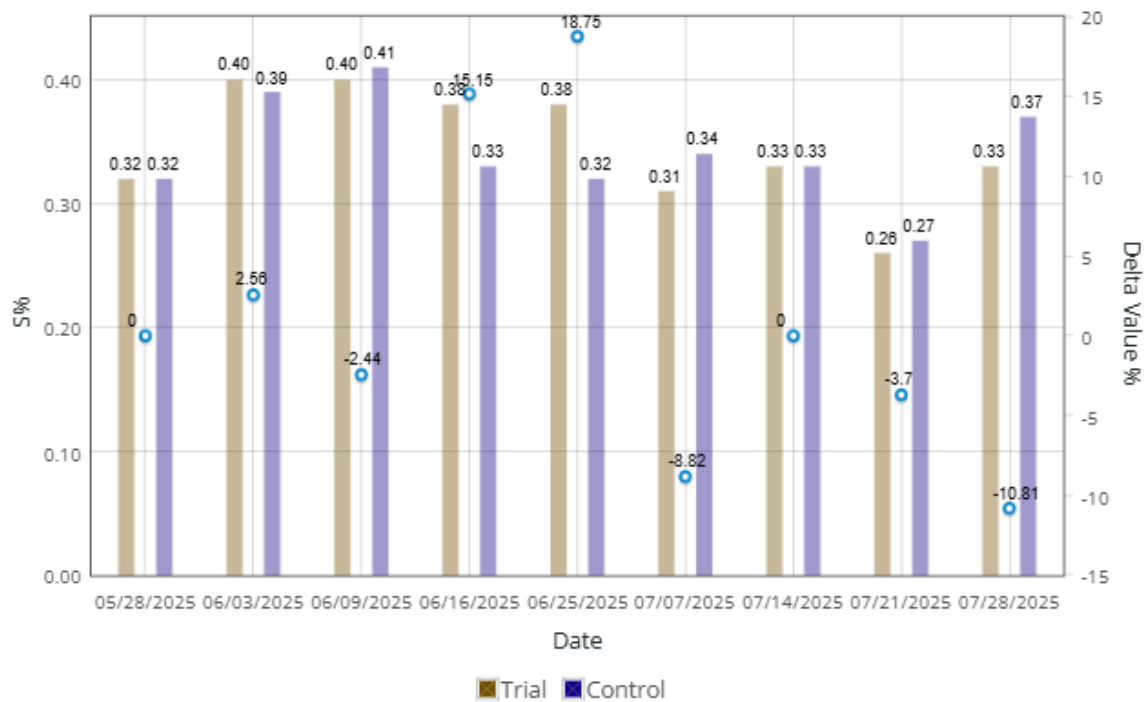


Product Trial Report

Tissue Sample Comparison - Calcium

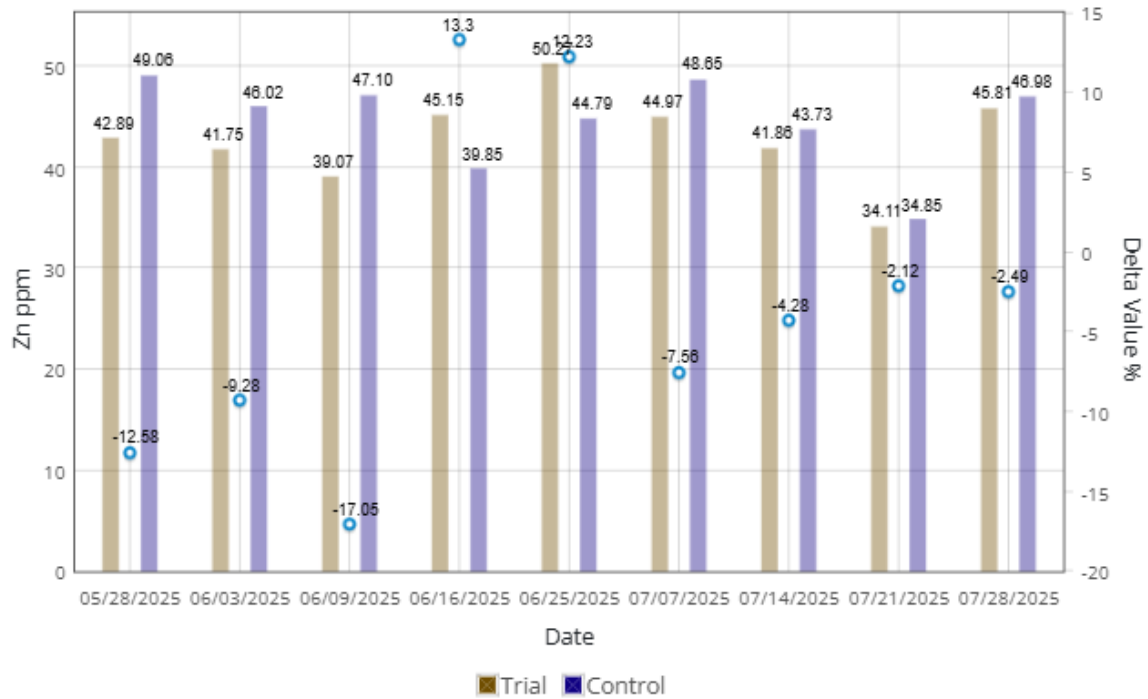


Tissue Sample Comparison - Sulfur

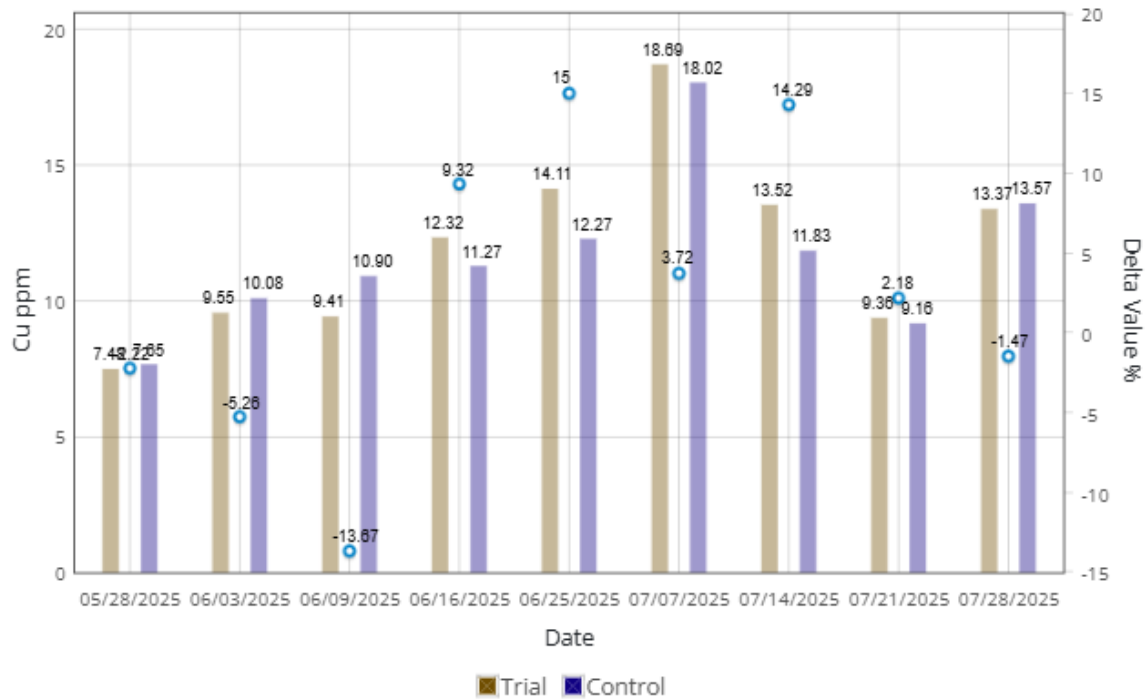


Product Trial Report

Tissue Sample Comparison - Zinc

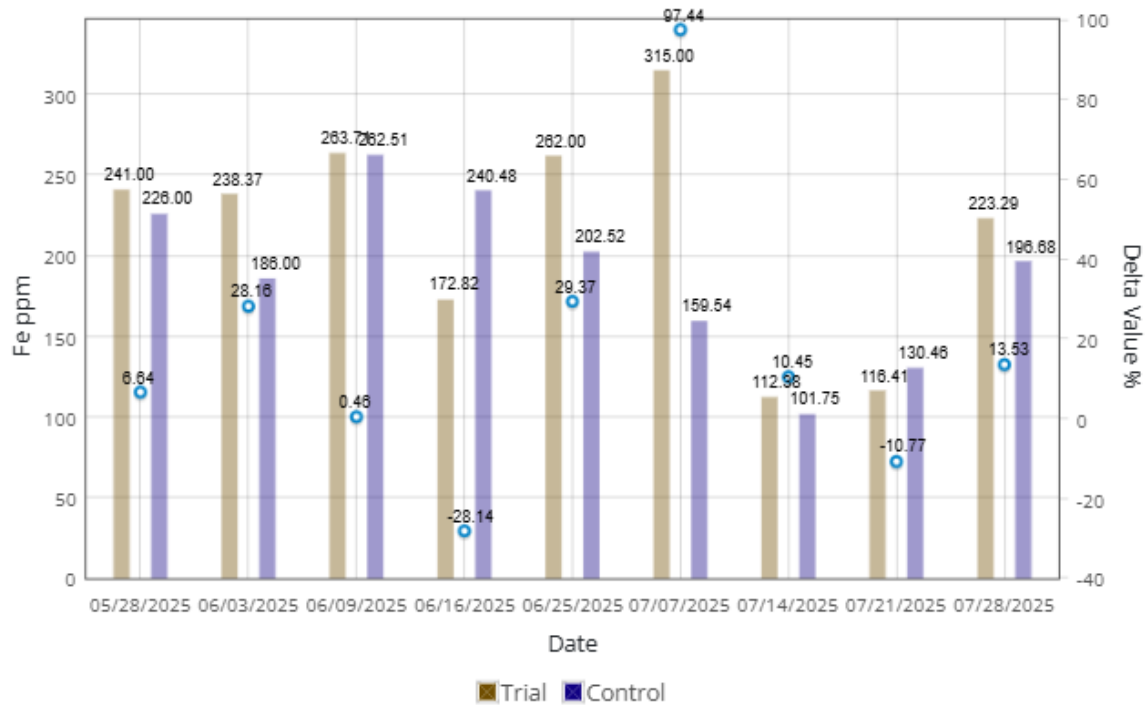


Tissue Sample Comparison - Copper

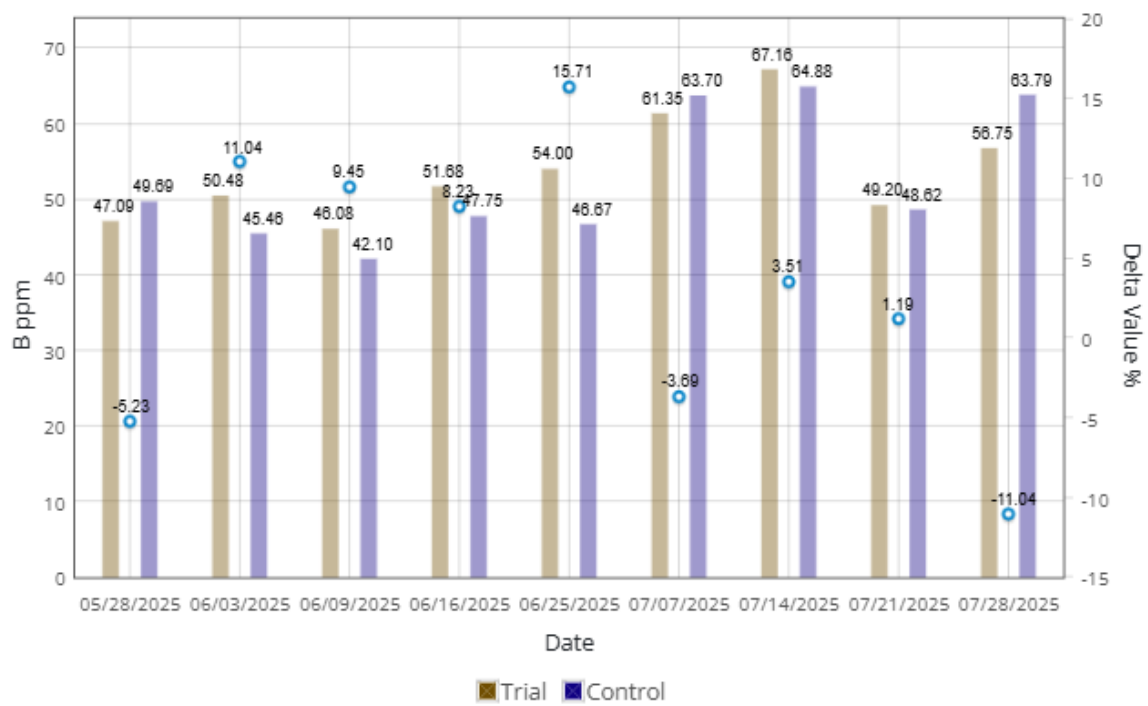


Product Trial Report

Tissue Sample Comparison - Iron



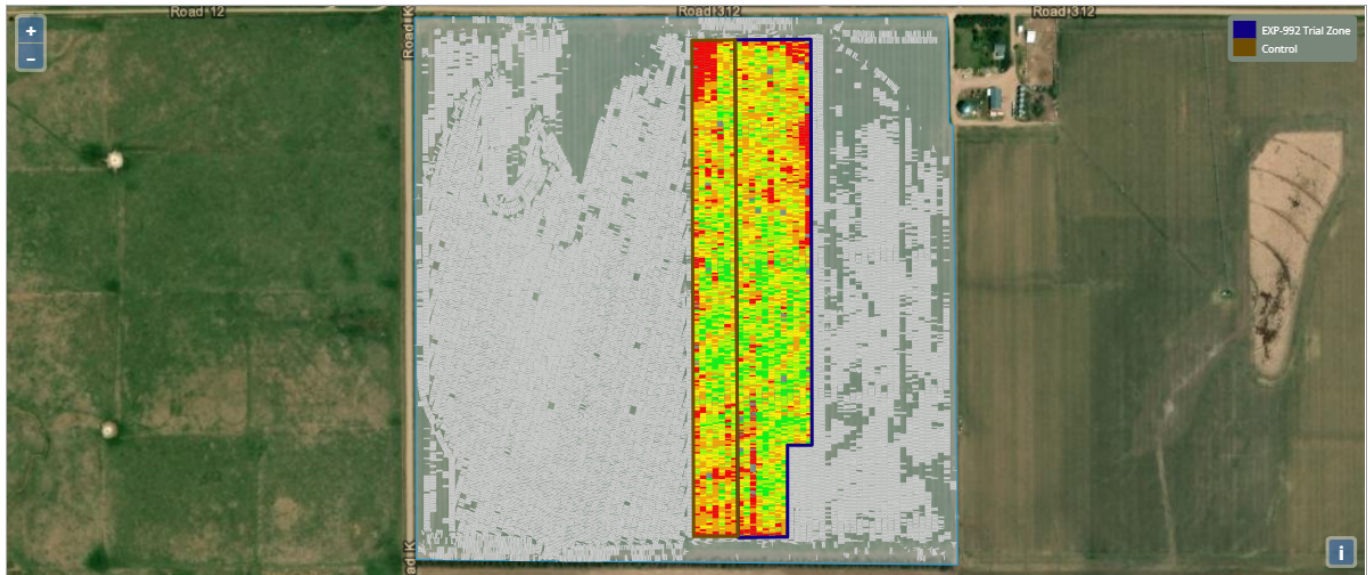
Tissue Sample Comparison - Boron



Product Trial Report

Yield Results Data

High Level Yield Heat Map



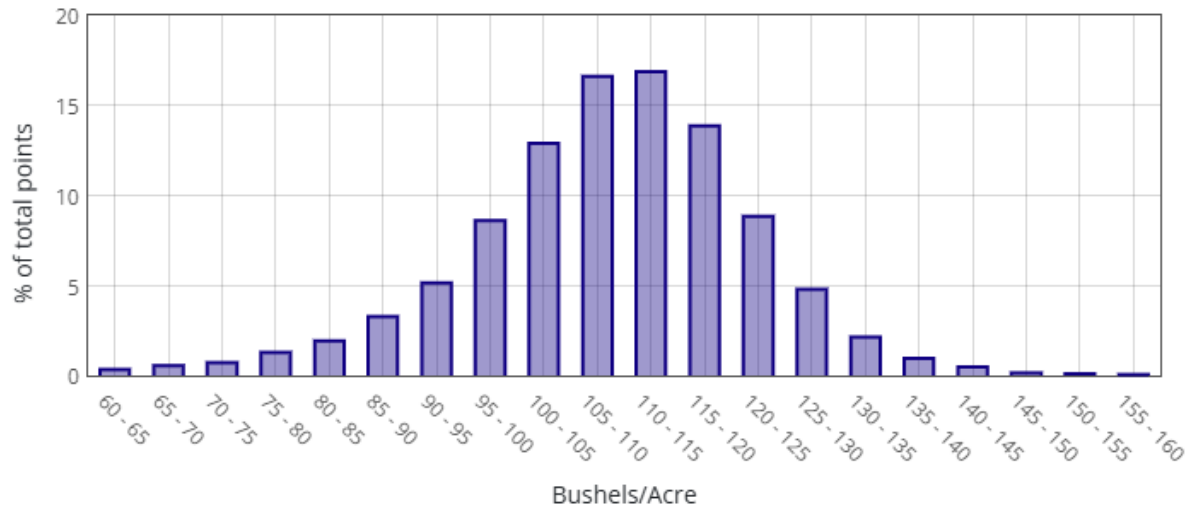
This data was filtered based on -1 / +2.5 St Dev

Yield Summary BPA	
Location	Yield
EXP-992 Trial Zone	108.54
Control	106.4
Yield Response	2.14

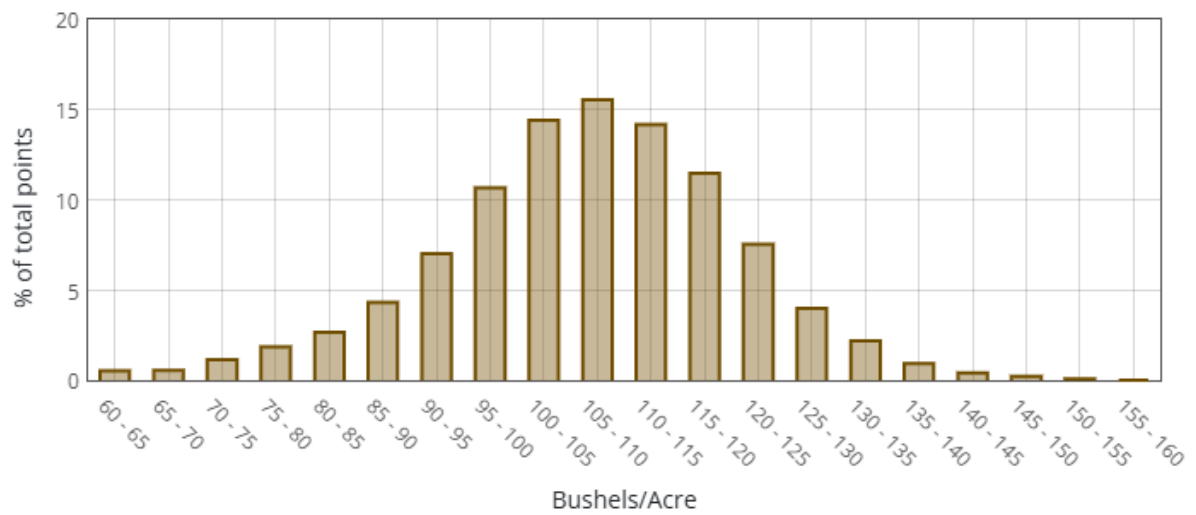
Yield Values	
●	60.1 - 69.5
●	69.5 - 94
●	94 - 157.2

Product Trial Report

EXP-992 Trial Zone

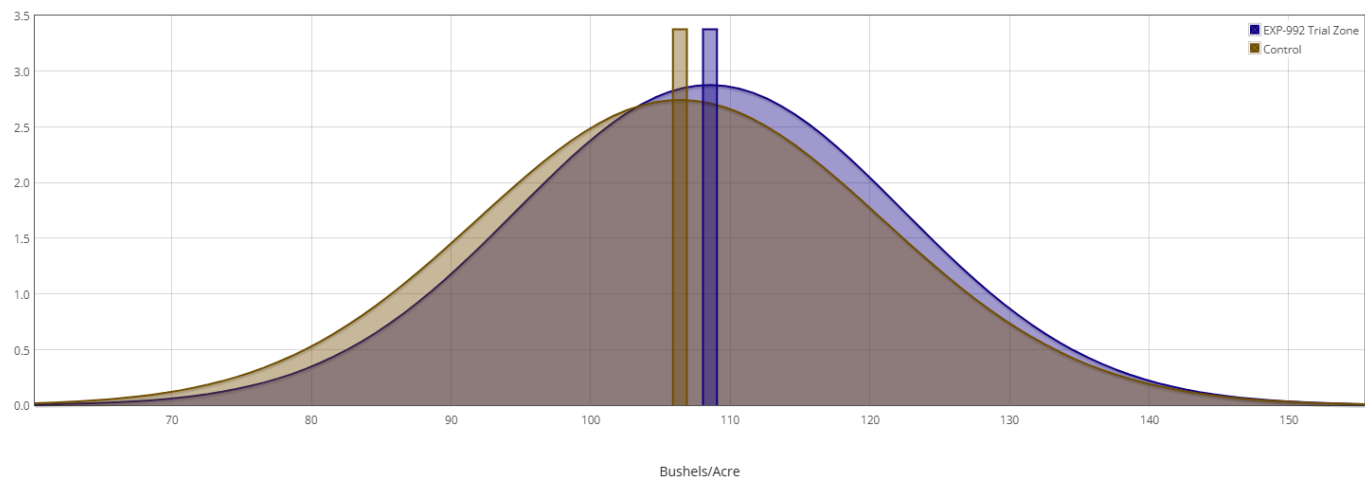


Control



Product Trial Report

Normal Curve Distribution



Product Trial Report

Product Trial Comments:

This trial had a 2.14 bushels/acre yield response using -1 / +2.5 St Dev measurement method to tighten up yield data points. The tissue sample charts are individual nutrients that illustrated positive uptake trends when comparing EXP-922 to the Control

• Application Date and Details:

Post Herbicide Pass

- **Application Date:** 5/31/2025
- **Growth Stage:** V4
- **Application Method:** Sprayer Broadcast **Product**
- **Application Rate/Acre:** EXP-992 = 10 oz
- **Tank Mix Rate/Acre:** 20 Gallons
-

•

R1-R3 Fungicide Pass

- **Application Date:** 7/15/25
- **Growth Stage:** R2
- **Application Method:** Sprayer Broadcast
- **Product Application Rate/Acre:** EXP-992 = 10 oz
- **Tank Mix Rate/Acre:** 20 Gallons
-

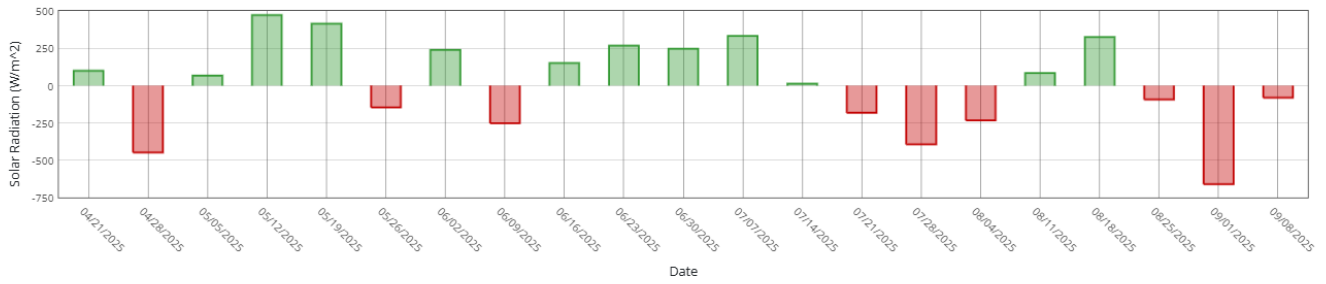
Product Trial Report

Trial Location Weather Data vs 5 Yr Avg

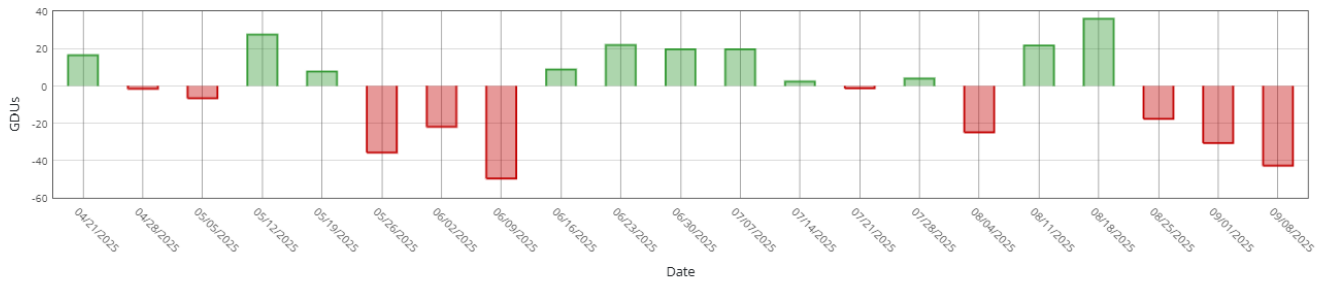
Historical Averages based on past years

Cumulative ☐ Week over Week ☒

Sunlight



Heat (GDUs)



Rain

