

Product Trial Report

GROWER DETAILS	FIELD DETAILS	PLANTING/HARVEST DETAILS	Total Acre Final Report
Grower:	Total Acres: 187.85	Crop: Soybean	Report Date: 11/06/2025
City & State: CRESTON, NE	Soil Type: Please see Soil Type Map	Plant Date: 04/23/2025	Harvest Year: 2025
Zip Code: 68631	Tile: No Tile	Harvest Date: 10/24/2025	Crop: Soybean
	Irrigation: Pivot		Trial Name: DgradeR Crop Residue Burndown (Year 2)
	Previous Crop: Corn		Trial Type: Post 2024 Harvest

Field Map

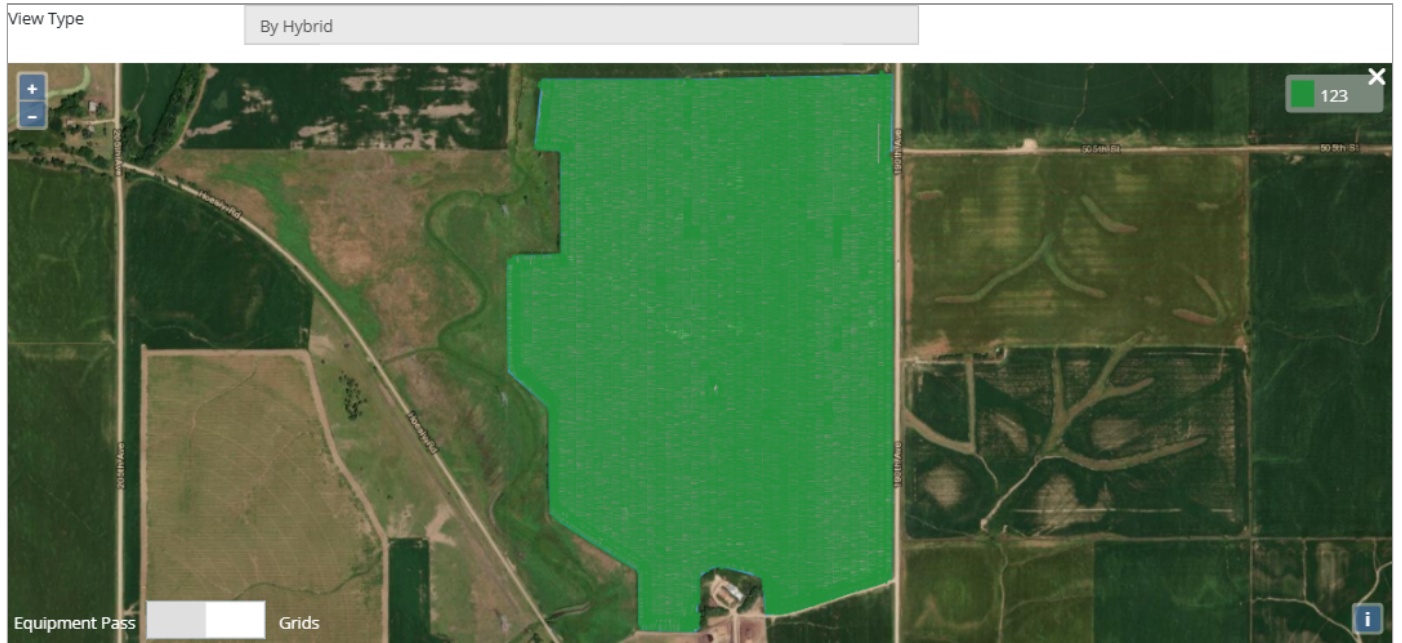


Soil Type



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Planting Map



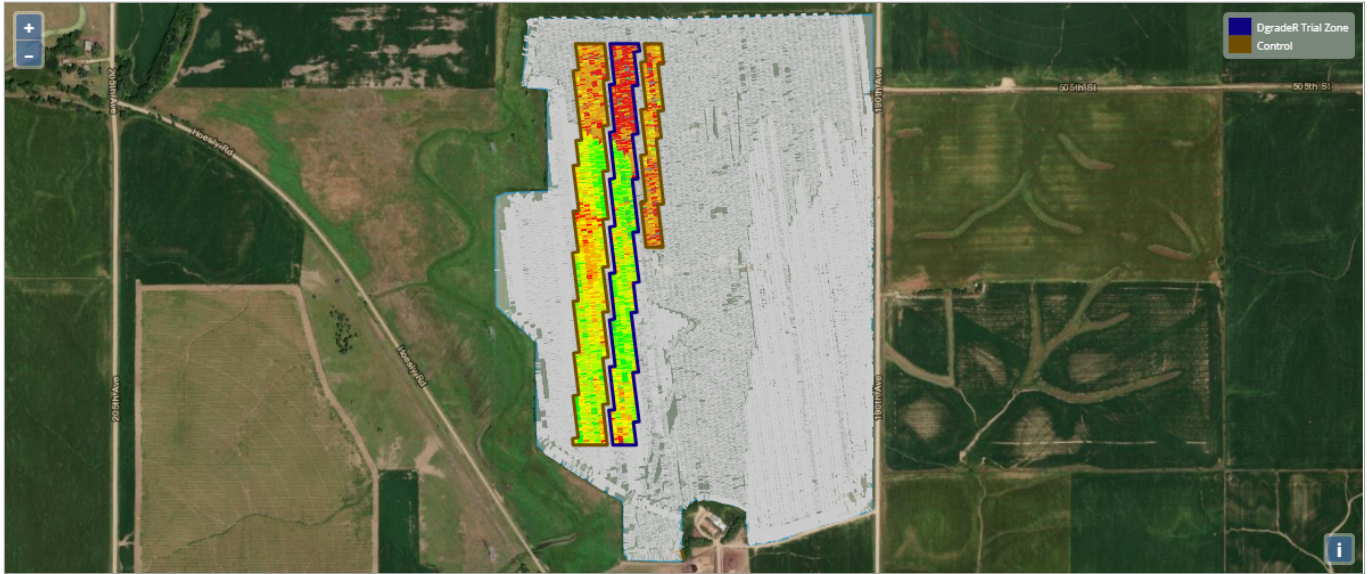
Trial Zones



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Yield Results Data

High Level Yield Heat Map



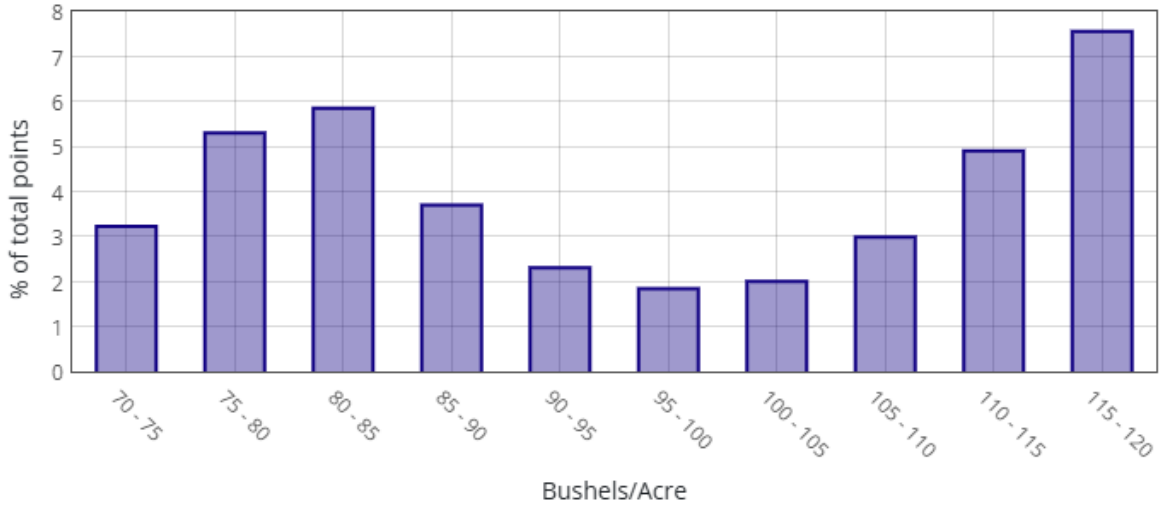
This data was filtered based on -1 / +2 St Dev

Yield Summary BPA	
<i>Location</i>	<i>Yield</i>
DgradeR Trial Zone	102.72
Control	98.51
Yield Response	4.21

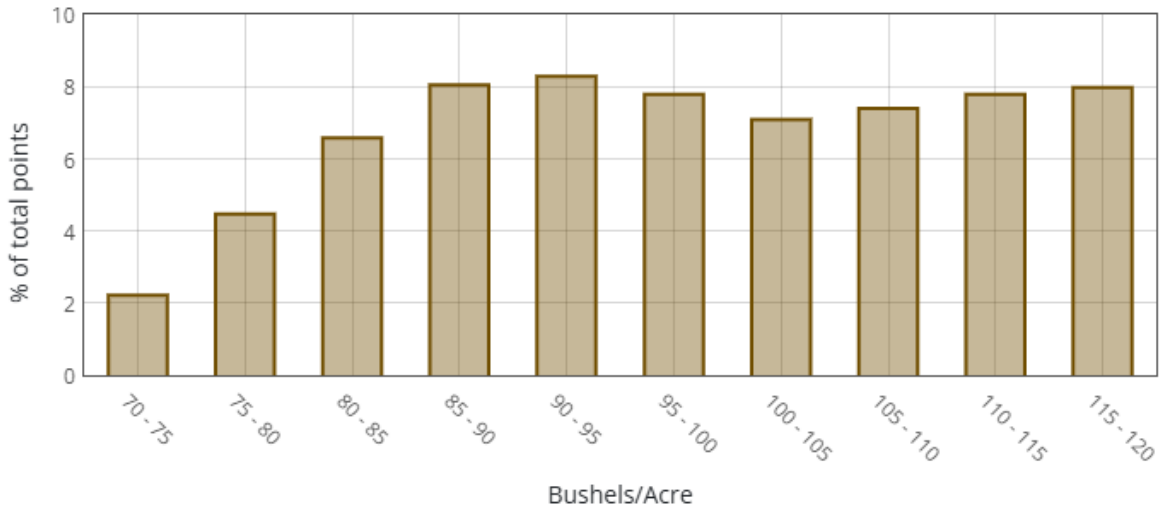
Yield Values	
●	72.2 - 80
●	80 - 90.3
●	90.3 - 142.9

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DgradeR Trial Zone

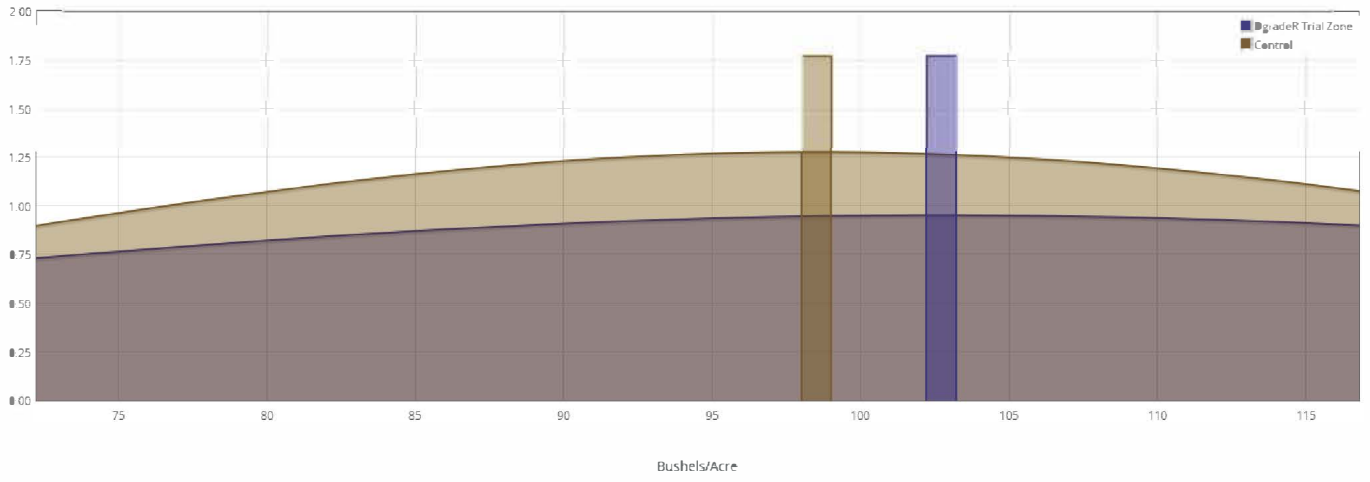


Control



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Normal Curve Distribution



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Product Trial Comments:

This Year 2 trial had a 4.21 bushels/acre yield response using -1 / +2 St Dev measurement method to tighten up yield data points. The zigzag zone shape is due to being harvested at a slight angle.

• Application Date and Details:

- **Application Date:** 12/8/2024
- **Growth Stage:** Post 2024 Harvest
- **Application Method:** Sprayer Broadcast
- **Product Application Rate/Acre:** DgradeR = 48 oz., AMS Spray Grade = 2 lbs.
- **Tank Mix Rate/Acre:** 15 Gallons

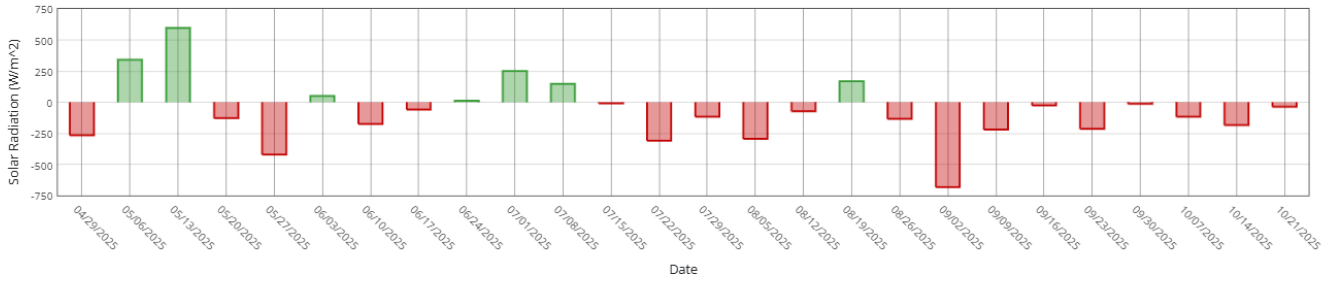
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Trial Location Weather Data vs 5 Yr Avg

Historical Averages based on past years

Cumulative Week over Week

Sunlight



Heat (GDUs)



Rain



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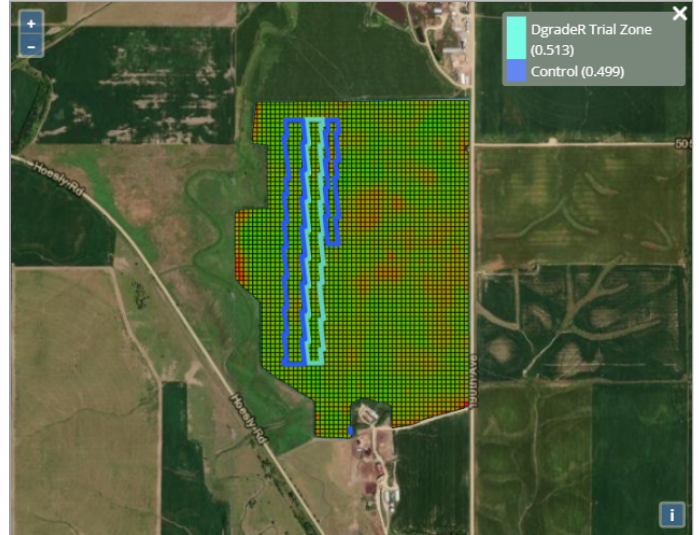
Additional References

Sentinel Imagery Indexes



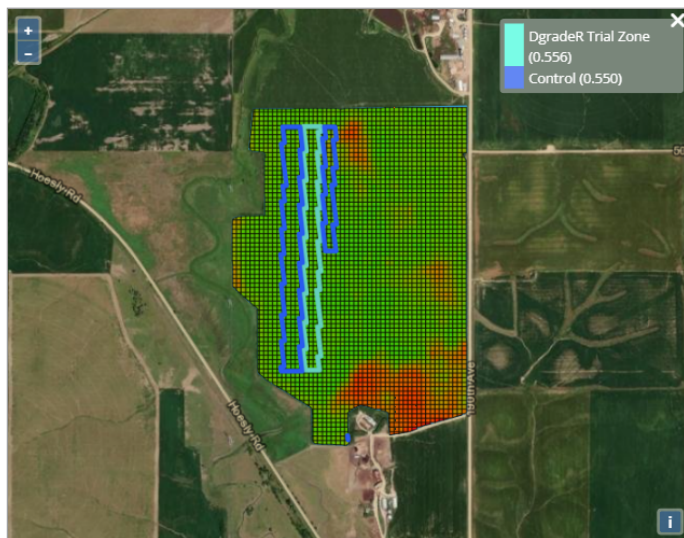
This NDVI Green satellite imagery measures chlorophyll production and plant health markers. The DgradeR measured better during the early podding & later grain fill stages. These measurements align with the excellent yield response from this study

Satellite Imagery - 07/15/2025 - Trial: SoilBiotics DgradeR Crop Residue Burndown (Year 2) Trial Final - NDVI Green



This July 15th imagery showed that the DgradeR had a +2.8% advantage to the Control

Satellite Imagery - 08/14/2025 - Trial: SoilBiotics DgradeR Crop Residue Burndown (Year 2) Trial Final - NDVI Green



This August 14th image showed that the DgradeR measured +1.09% to the Control