

Product Trial Report

GROWER DETAILS	FIELD DETAILS	PLANTING/HARVEST DETAILS	Total Acre Final Report
Grower:	Total Acres: 240.23	Crop: Soybean	Report Date: 12/10/2024
City & State: Normal, IL	Soil Type: Please see Soil Type Map	Plant Date: 05/06/24 & 05/23/2024	Harvest Year: 2024
Zip Code: 61761	Title: Spot Tile	Harvest Date: 10/13/2024	Crop: Soybean
	Irrigation: None	Variety: AG33XF3	Trial Name: DgradeR Spring Application Trial
	Previous Crop: Corn	Seed Company: Asgrow	Trial Type: Preplant
		Population: 100000	

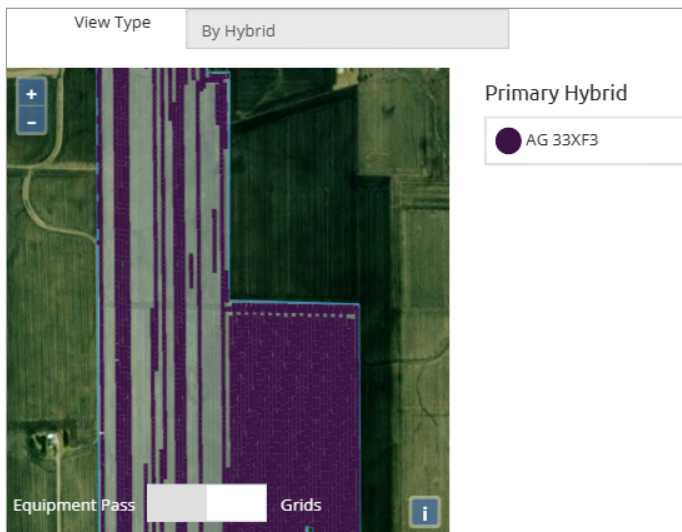
Field Map



Soil Type



Planting Map



Trial Zones



Product Trial Report

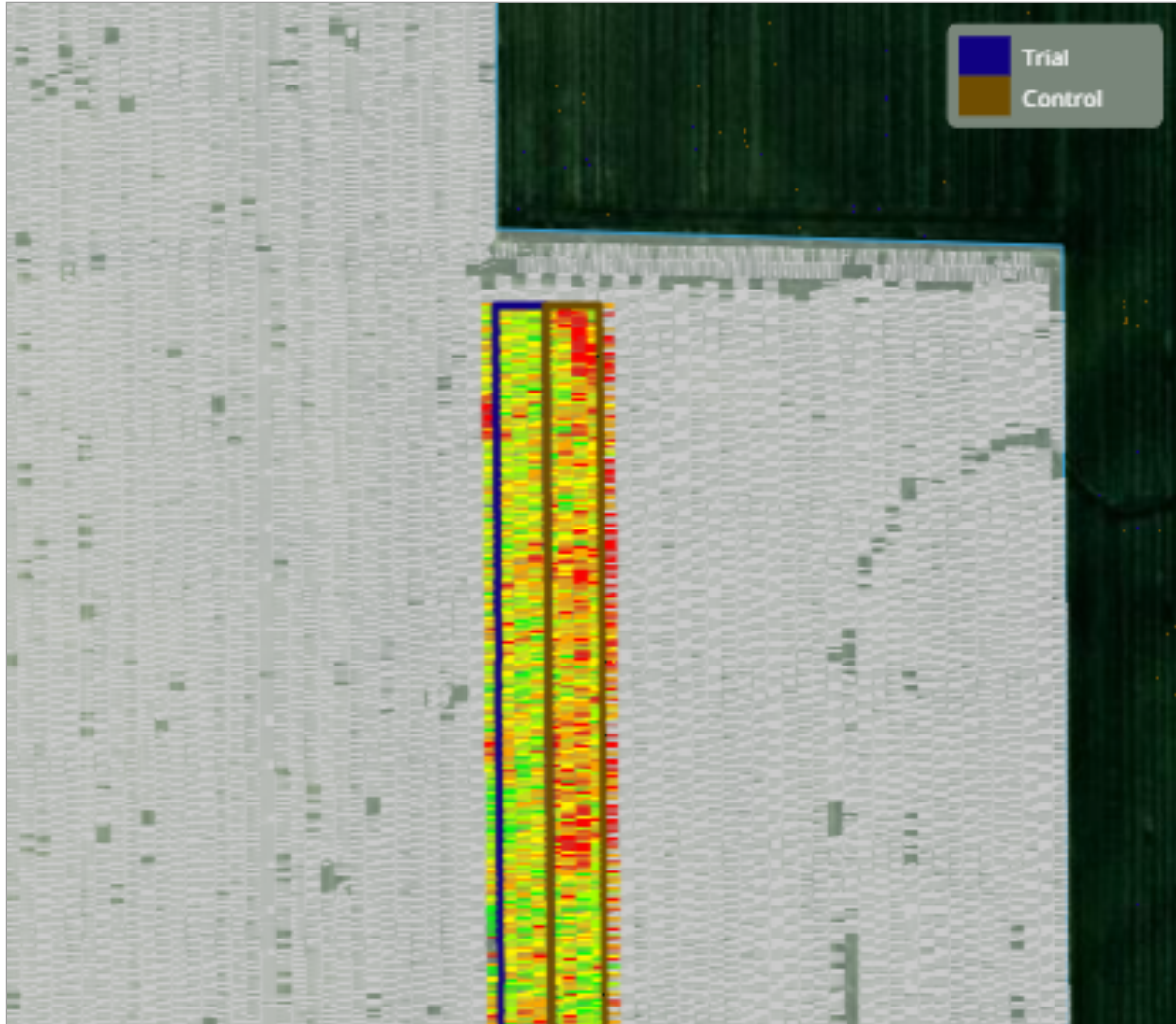
Tissue Results Data

Date	GDUs	Water	Tissue Site	Nitrogen	Phosphorus	Potassium	Magnesium	Calcium	Sulfur	Zinc	Manganese	Copper	Iron	Boron	Aluminum	Molybdenum	Sodium
06/17/2024	509	-	DgradeR 5/6	5.55 %	0.44 %	2.26 %	0.37 %	1.03 %	0.31 %	44.94 ppm	68.05 ppm	14.69 ppm	321.37 ppm	45.35 ppm		0.32 ppm	0.55 ppm
			DgradeR 5/6 check	5.66 %	0.5 %	2.45 %	0.52 %	1.28 %	0.38 %	51.41 ppm	64.14 ppm	12.55 ppm	225.37 ppm	56.26 ppm		0.08 ppm	0.69 ppm
07/08/2024	1031	1.4 in	DgradeR 5/6	6.11 %	0.42 %	2.13 %	0.34 %	1.08 %	0.32 %	54.88 ppm	64.21 ppm	9.31 ppm	285.75 ppm	60.31 ppm		0.81 ppm	0.86 ppm
			DgradeR 5/6 check	6.18 %	0.4 %	2.53 %	0.35 %	1.08 %	0.31 %	41.58 ppm	44.53 ppm	8.69 ppm	186.51 ppm	56.3 ppm		0.88 ppm	0.64 ppm
08/12/2024	1841	3.3 in	DgradeR 5/6	5.78 %	0.39 %	2.19 %	0.34 %	1.21 %	0.31 %	49.38 ppm	52.91 ppm	9.73 ppm	159.95 ppm	60.85 ppm		0.57 ppm	0.09 ppm
			DgradeR 5/6 check	5.58 %	0.37 %	1.9 %	0.32 %	1.59 %	0.31 %	52.99 ppm	69.84 ppm	10.39 ppm	163 ppm	60.32 ppm		0.09 ppm	471.31 ppm

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Yield Results Data

High Level Yield Heat Map



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

Yield Summary BPA	
<i>Location</i>	<i>Yield</i>
Trial	90
Control	88.55
Yield Response	1.45

Yield Values	
●	71.6 - 84.1
●	84.1 - 87.6
●	87.6 - 89.9
●	89.9 - 93.4
●	93.4 - 129.2

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Product Trial Comments:

This trial had a +1.45 bushel/acre yield response for the May 6th plant date location using the -1/+2.5 Standard Deviation measurement to tighten yield data points. The May 23rd plant location had a +1.13 bushel/acre yield response using the same Standard Deviation measurement (Trial = 84.29, Control = 83.16) .

Application Date and Details:

2023 Crop: Corn

Application Date: 4/15/24

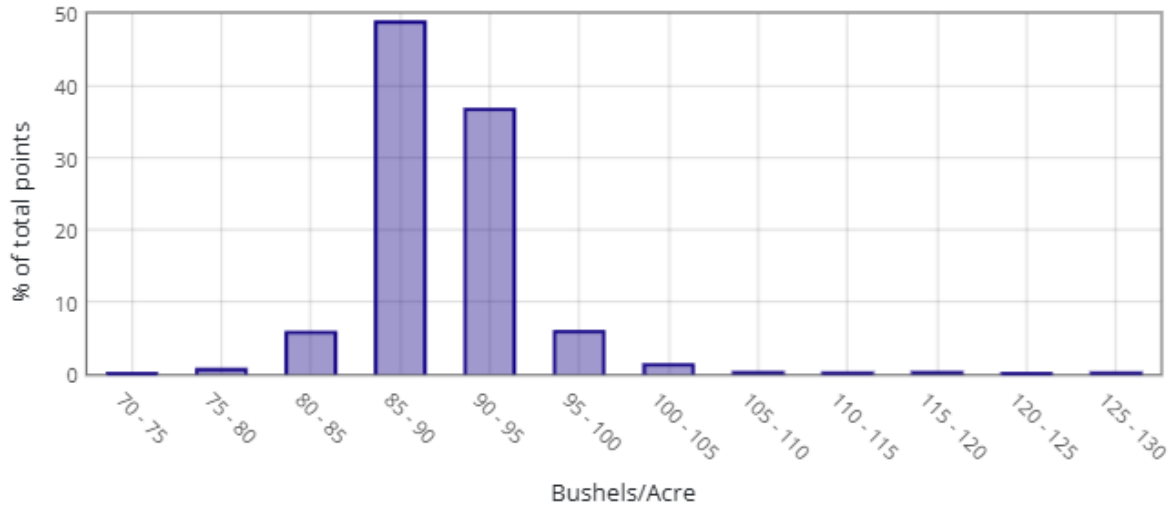
Application Method: Sprayer Broadcast

Product Application Rate/Acre: DgradeR = 48 oz., Dry Spray Grade AMS = 2 lbs.

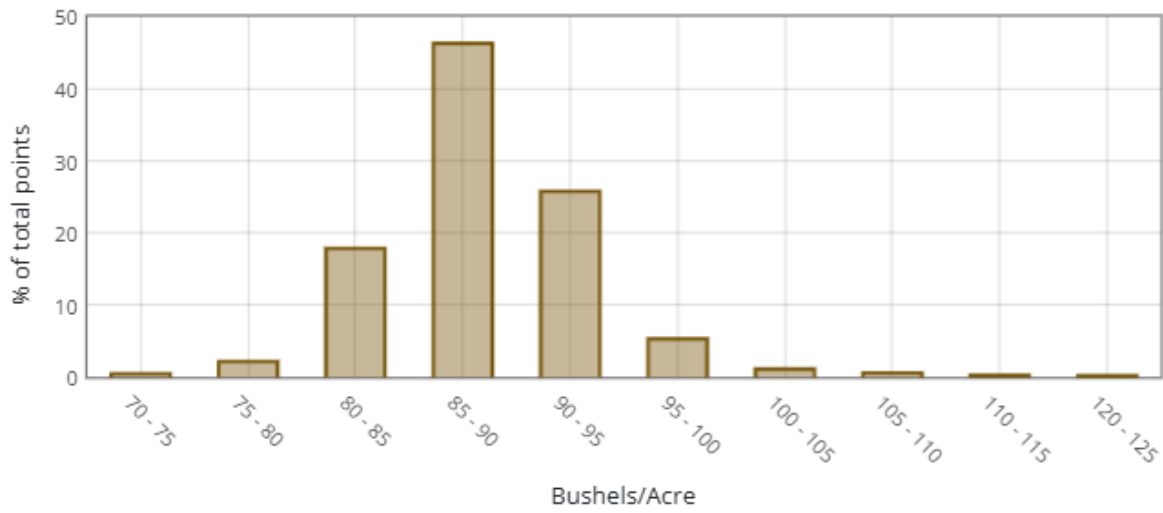
Tank Mix Rate/Acre: 12.75 gallons

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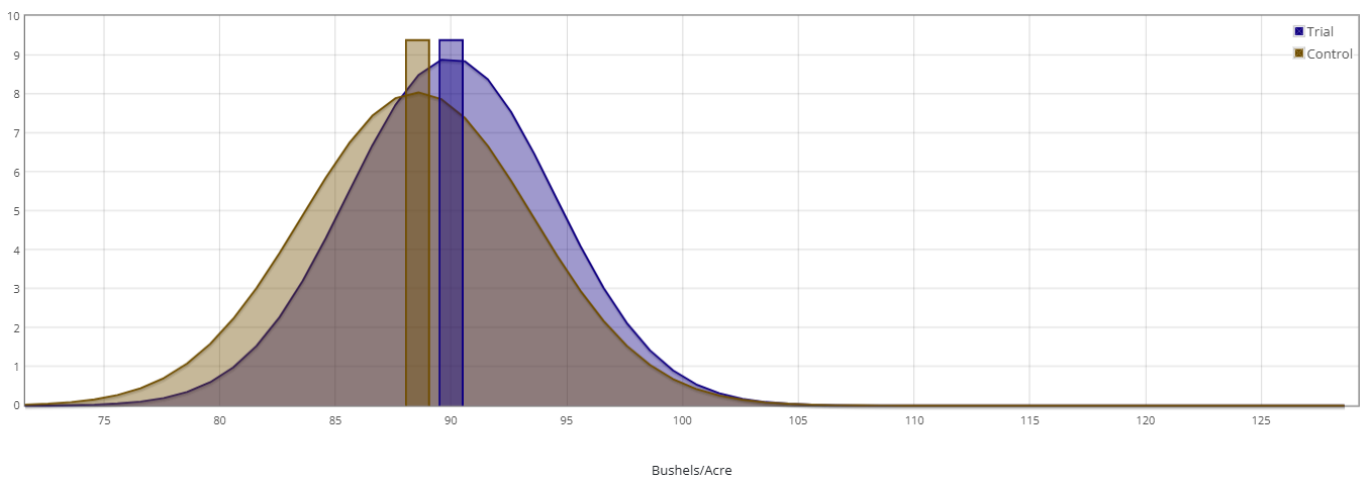
Trial



Control



Normal Curve Distribution



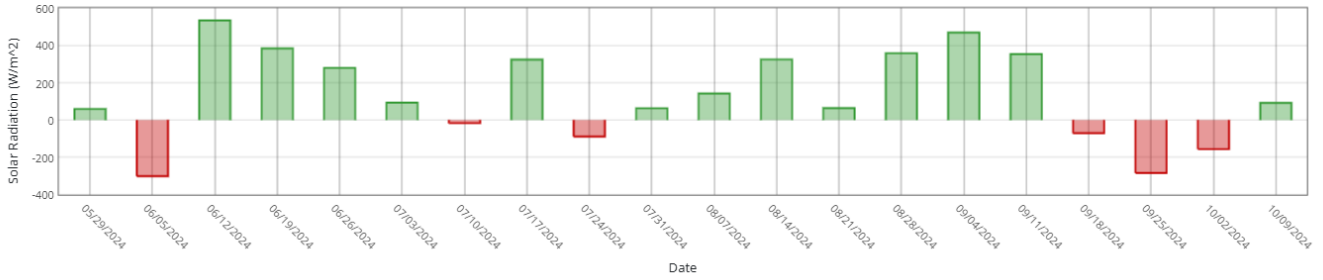
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Trial Location Weather Data vs 5 Yr Avg

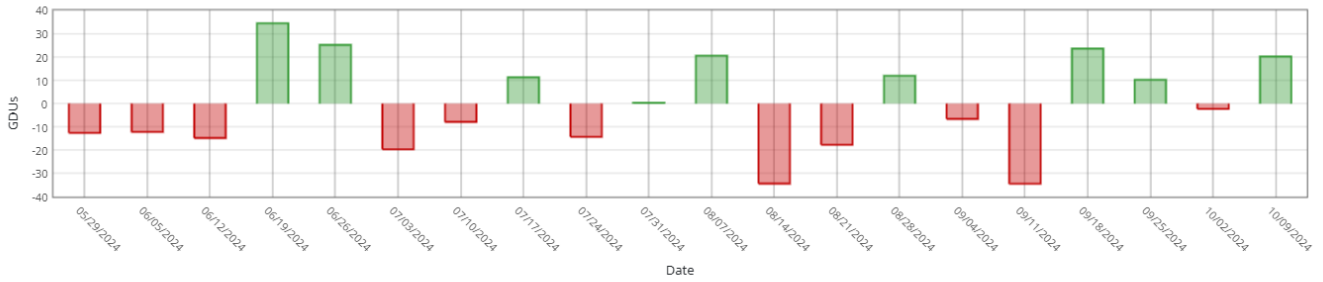
Historical Averages based on past years

Cumulative Week over Week

Sunlight



Heat (GDUs)



Rain

