

Replicated Strip Trial Report for ST2018IA0156

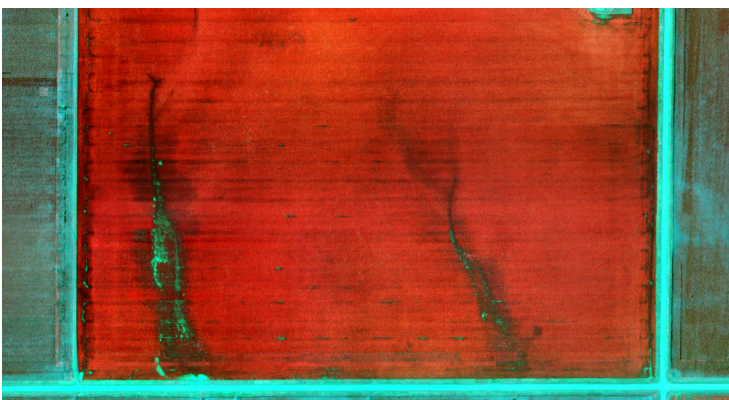
This is a Crop Protection - Seed Treatment trial comparing Heads Up vs. Untreated on a soybeans following corn rotation, located in Cerro Gordo County, Iowa.

Aerial Imagery Flown August 10, 2018

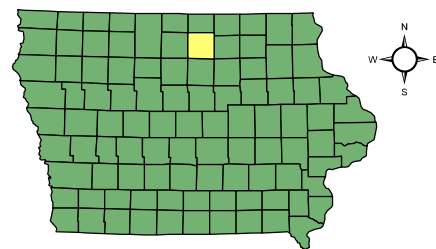


Natural Color

0 140 280 560 Feet



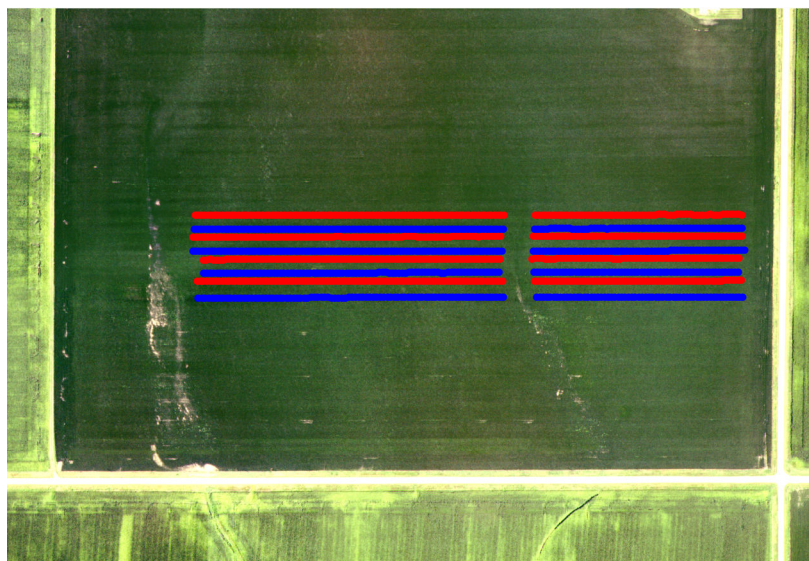
Color Infrared



Cerro Gordo County, IA

Treatment Layout and Results

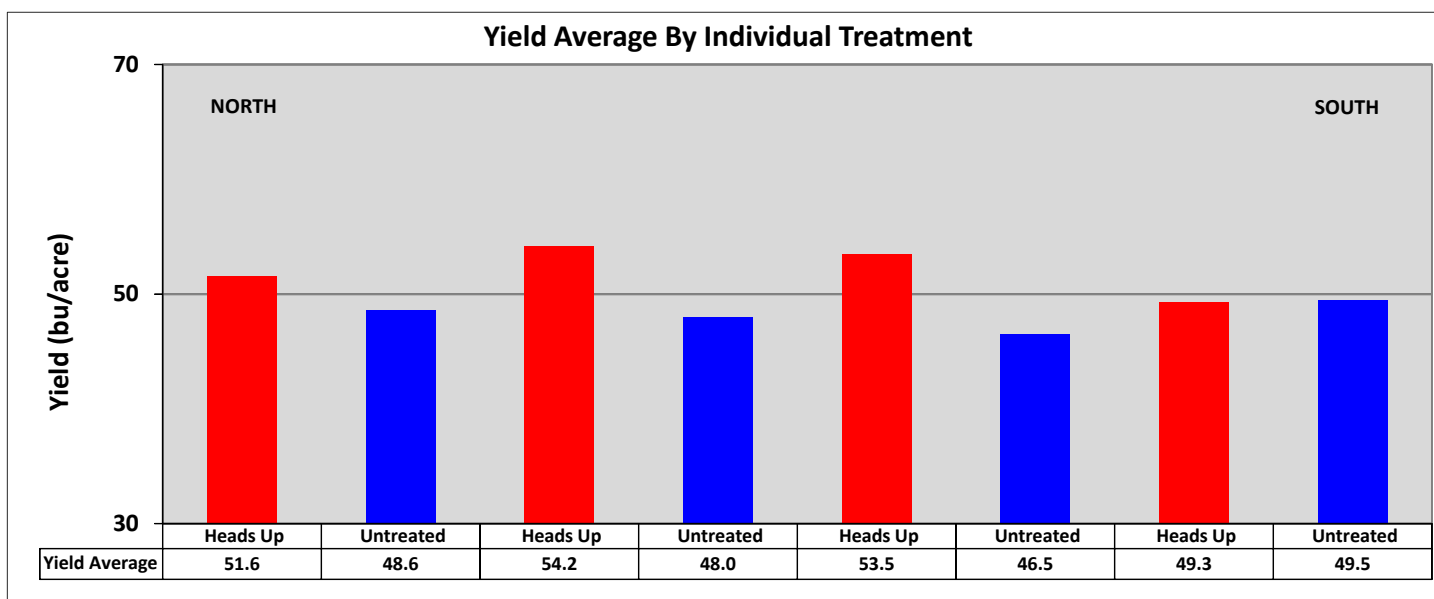
Trial ID: ST2018IA0156



Trial Type	Crop Protection - Seed Treatment
Trial Detail	Heads Up vs Untreated
Crop Rotation	Soybeans Following Corn
Planting Date	5/18/2018
Seed	Pioneer P22T69R
Application Detail	Planted on 5/18/2018
Harvest Date	10/17/2018
Trial Notes	

TREATMENT

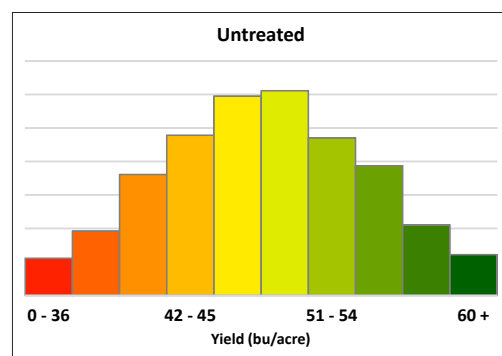
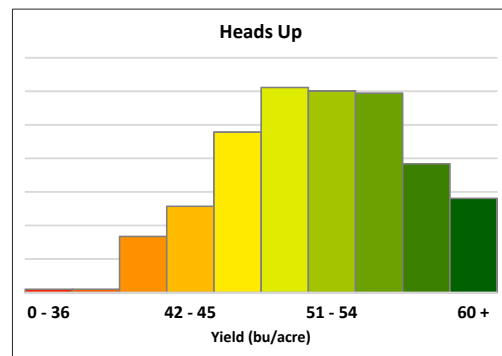
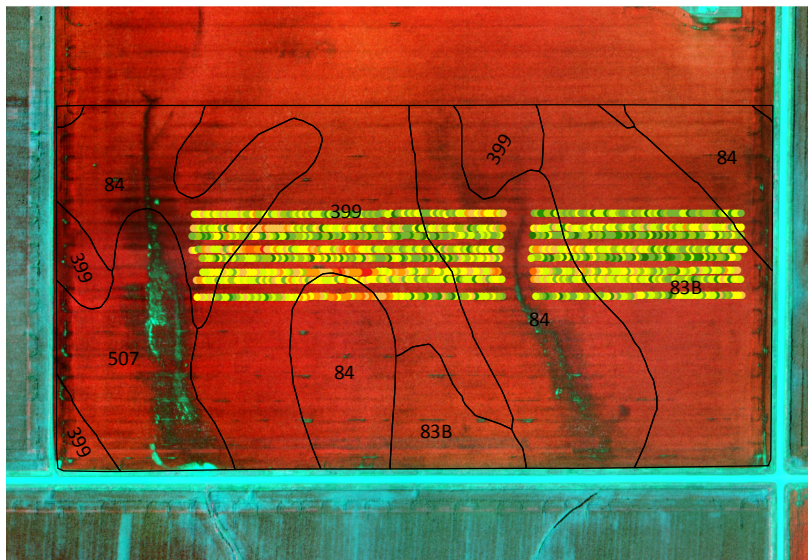
- Heads Up
- Untreated



Yield Average for All Individual Treatments (bu/acre)	<u>Heads Up</u> 52.1	<u>Untreated</u> 48.2	<u>Yield Difference</u> 3.9	A randomization test suggested some evidence of a significant yield difference.
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Grain Yield with Soil Survey

Trial ID: ST2018IA0156



Yield By Treatment and Soil Map Unit						
Soil Map Unit	Map Symbol	Percent of Trial (%)		Yield (bu/acre)		Yield* Difference (bu/acre)
		Heads Up	Untreated	Heads Up	Untreated	
Readlyn Loam, 1 To 3 Percent Slopes	399	18.0	18.3	52.0	47.1	4.9
Kenyon Loam, 2 To 5 Percent Slopes	83B	16.2	15.8	53.8	49.6	4.2
Clyde Silty Clay Loam, 0 To 2 Percent Slopes	84	16.2	15.5	50.6	47.9	2.7

*Yield differences calculated for Soil Map Units that have relatively small areas might not be representative of the treatments.

Summary Statistics and Rainfall

Trial ID: ST2018IA0156

Harvest Attribute	Treatment		Attribute Differences
	Heads Up	Untreated	
Combine Speed (mph)	4.0	4.0	0.0
Grain Moisture (%)	12.9	13.0	-0.1

