

Planted: 5/12/2014  
Harvested: 9/23/2014  
Hybrid: DK 6108  
Soil: Clay, Loam  
Previous Crop: Soybeans

Plot Size: 4 rows, 27.5', 30", 4 replications  
Tillage Type: Conventional  
Irrigation: None  
Rainfall: 26.11 inches  
Population: 34,000 plants per acre

Fertilizer Applied: Fall applied NH<sub>3</sub> at 100 pounds per acre; Spring applied 120 pounds per acre (Urea)  
Herbicide: Lumax 2.5 quarts per acre  
Insecticide: None

1= Best  
10= Worst

Range	Row	Plot #	Moisture	Test Weight	Bushel per Acre	Entry	Bushel per Acre Avg.	Yield Rank	Root Lodge	Stalk Rot
13	1	1101	20.45	58.12	230.45	1	230.69	1	1	1
14	3	1301	21.37	58.39	227.83				1	1
15	2	1501	20.53	57.21	230.09				1	1
16	1	1701	20.11	57.09	234.41				1	1
Check			21.66	57.29	219.54			(+9.80)	1	1
13	2	1102	20.41	58.33	221.43	3	220.62	2	1	1
14	1	1302	20.81	57.37	223.09				1	1
15	3	1501	20.66	57.18	220.22				1	1
16	2	1701	21.62	58.52	217.77				1	1
Check			22	58.19	218.17			(+2.70)	1	1
13	3	1103	21.31	57.21	220.56	2	219.54	3	2	2
14	2	1302	21.49	58.83	220.38				2	1
15	1	1501	22.62	58.59	219.23				1	1
16	3	1701	22.08	57.36	218.01				1	1
Check			22.17	57.13	222.47			(-2.93)	1	2

Treatments: 1) SoilBiotics **4** Ultra Boost 1 gallon per ton  
2) Agrotain Ultra ½ gallon per ton  
3) Nutrisphere ½ gallon per ton

- SoilBiotics trial reduced the N rate with the Urea by 25%. 90 lbs/acre of Urea coated with **4** Ultra Boost was applied to the SoilBiotics trial.
- For the Agrotain and Nutrisphere trials, 120 pounds per acre of Urea was applied
- **4** Ultra Boost outperformed Agrotain by 10.07 bushel per acre and Nutrisphere by 11.15 bushel per acre.

Testing conducted by a third party.