



NH<sub>3</sub> Trial  
2014 Corn in Illinois  
Farm Research Results

Planted: 5/15/2014  
Harvested: 9/23/2014  
Hybrid: DK 6208  
Soil: Clay, Loam  
Previous Crop: Soybeans

Plot Size: 4 rows, 27.5', 30", 4 replications  
Tillage Type: Conventional  
Irrigation: None  
Rainfall: 25.44 inches  
Population: 34,000 plants per acre

Fertilizer Applied: Fall applied NH<sub>3</sub> at 100 pounds acre, Side dressed at 100 pounds per acre  
Herbicide: Lumax 2.5 quart per acre  
Insecticide: Force 3G in Furrow

1= Best  
10= Worst

Range	Row	Plot #	Moisture	Test Weight	Bushel per Acre	Entry	Bushel per Acre Avg.	Yield Rank	Root Lodge	Stalk Rot
17	1	2101	21.51	57.61	238.46	1	238.96	1	1	1
18	3	2501	22.49	57.47	241.09				1	1
19	2	2701	22.08	57.07	239.21				1	1
20	1	2901	22.68	58.23	237.09				1	1
<b>Check</b>			<b>21.84</b>	<b>57.33</b>	<b>227.82</b>			<b>(+11.14)</b>	<b>1</b>	<b>1</b>
17	2	2102	21.67	58.21	239.14	2	228.27	3	1	1
18	1	2502	22.34	57.19	222.37				1	1
19	3	2702	21.81	57.39	230.67				1	1
20	2	2902	21.95	57.29	220.93				1	1
<b>Check</b>			<b>21.39</b>	<b>57.38</b>	<b>225.39</b>			<b>(+2.34)</b>	<b>1</b>	<b>1</b>
17	3	2103	21.63	57.72	225.89	1	232.09	2	1	2
18	2	2503	21.03	57.89	231.47				1	1
19	1	2703	21.72	57.19	238.19				2	1
20	3	2903	21.56	57.66	232.83				1	1
<b>Check</b>			<b>21.33</b>	<b>57.88</b>	<b>221.11</b>			<b>(+10.98)</b>	<b>1</b>	<b>1</b>
17	3	2104	21.22	57.29	218.72	2	222.21	4	2	2
18	1	2504	21.83	57.83	219.01				1	1
19	2	2704	21.4	57.25	224.31				1	2
20	1	2904	21.18	57.93	226.83				1	1
<b>Check</b>			<b>21.73</b>	<b>57.48</b>	<b>218.43</b>			<b>(+3.78)</b>	<b>2</b>	<b>1</b>

Treatments: 1) SoilBiotics **3** Growth Boost 1 gallon per acre  
2) N-Serve 1 quart per acre

Testing conducted by Holdings Agronomy Services