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SoilBiotics®

Company/State:	Research Farm/Illinois		
Year:	2013	**Test:**	NH3 Trial
Data:	Harvest		
Crop:	Corn	**Previous Crop:**	Corn
Hybrid:	DK 6169 VT-3	**Population:**	32,000
Plot Size:	4 rows, 27.5', 30" rows, 4 replications		
Tillage Type:	Minimum	**Soil:**	Silt/Loam
Irrigation:	None	**Rainfall:**	25.34 inches
Fertilizer Applied:	Fall NH3 180#/A Side Dressed 45 units of NH3		
Herbicide:	Lumax 2.5 qt/A	**Insecticide:**	Aztec 1.5#/A
Planted:	4/20/2013	**Harvested:**	10/23/2013

Range	Row	Plot #	Moisture	Test Weight	BU/Acre	Entry	Bu/Acre Average	Yield Rank	Root Lodge	Stalk Rot
9	1	901	19.52	56.36	230.08	1	227.94	1	1	1
10	3	1003	21.05	55.88	226.66				1	1
11	2	1102	20.45	55.9	219.24				1	1
12	1	1201	19.85	56.18	235.77				1	1
9	2	902	20.41	55.99	167.27	2	155.24	2	1	2
10	1	1001	20.42	55.98	153.12				1	1
11	3	1103	20.42	56.1	141.02				1	2
12	2	1202	19.66	56.22	159.53				1	1
9	3	903	19.18	56.63	178.38	3	164.09	3	1	2
10	2	1002	20.4	55.84	154.26				1	1
11	1	1101	19.98	56.19	164.72				1	1
12	3	1203	19.33	56.52	159.01				2	1

Trial Average: 182.4217

Treatment 1: 3 Growth Boost 1 gallon per acre
Treatment 2: N-Serve 1 quart per acre
Treatment 3: N-Serve 1 quart per acre

With average conditions it is reasonable to expect an increase of 8 to 10 bushel per acre. However, with above average conditions that increase soil moisture, the application of Anhydrous Ammonia and Growth Boost may cause additional mineralization of Phosphorous and Potassium resulting in higher yields, as shown in data above. Testing conducted by a third party.