2009 Illinois Core Plot

Year	Crop	District Sales Manager	Plot Name	County		Plot Cooperator	
2009	Corn	John Hennenfent	Charlet Convential Plot	Henry		Dave Charlet	
Planting Date	**Planting Rate**	**Previous Crop**	**Tillage System**	**Irrigation Y/N**	**Insecticide**	**Harvest Date**	**ECB Pressure**
12-May	28,000	Corn	Conventional	N	Lorsban	30-Nov	Light
Soil Texture		**Fertility Level**	**Herbicide Program**			**Primary Disease(s)**	
Silt Loam		Adequate				GLS	

Comments

* 6789 had significant gopher damage that reduced population.

Yield Formula: Pounds of grain x (100 - % harvest moisture) x 109.815 / row length in feet / row width in inches / number of rows = bushels / acre at 15% moisture

Company	Hybrid	Tech-nology	Maturity	Row Length (FT)	Row Width (inches)	Number of Rows	Pounds of Grain	% Moisture	Adjusted Test Weight (#)	Corrected Yield (bu/A)
Munson	6789*	-	107	676	38	8	4416	19.3	56.8	**190.4**
Munson	23160	-	109	676	38	8	4358	20.7	60.3	**184.7**
Munson	23165VT3	VT3	109	676	38	8	4578	21.3	59.3	**192.5**
Munson	23340	-	109	676	38	8	4586	22.2	60.5	**190.7**
Munson	70543000GT	3000GT	110	676	38	8	4470	20.3	59.0	**190.4**
Munson	28020	-	114	676	38	8	4874	23.5	61.0	**199.2**
Munson	29200	-	115	676	38	8	4856	23.7	59.0	**198.0**
Munson	29205VT3	VT3	115	676	38	8	4766	23.0	62.8	**196.1**

Tillage System = no-till, strip-till, conservation tillage or conventional tillage / European Corn Borer Pressure = Heavy, Moderate or Light
Soil Texture = sand, loamy sand, sandy clay loam, sandy clay, loam, silt loam, silt, clay loam, silty clay loam, silty clay or clay / Fertility Level = High, Medium or Low

Test Weight Adjustment: Based off of University of Wisconsin Extension publication "Understanding Test Weight", October, 2009. Add 1/4 pound of test weight for each point of moisture beginning at 16% = +1 pound. Example: 54# test weight @ 20% moisture = 54 + 2 = 56#. 18=+1.5; 20=2.0; 22=2.5; 24=3.0; 26=3.5; 28=4.0 etc.