2009 Illinois Corn Plot

Year	Crop	District Sales Manager	Plot Name	County		Plot Cooperator	
2009	Corn	John Hennenfent	Munson Office Plot	Knox		John Hennenfent	
Planting Date	**Planting Rate**	**Previous Crop**	**Tillage System**	**Irrigation Y/N**	**Insecticide**	**Harvest Date**	**ECB Pressure**
25-Apr	35,600	Soybeans	Conventional	N	N	17-Oct	Low
Soil Texture		**Fertility Level**	**Herbicide Program**			**Primary Disease(s)**	
Silt Loam		Adequate	Lexar fb Roundup			GLS	

Comments

20455VT3 taken out due to severe bird damage at blister stage.

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	29205VT3	VT3	115	901	30	8	7854	32.8	57.25	**268.0**
Munson	7405VT3	VT3	114	901	30	8	7006	30.7	57.25	**246.6**
Munson	7129VT3	VT3	111	901	30	8	6902	30.1	57.50	**245.0**
Munson	26125VT3	VT3	112	901	30	8	6990	31.0	55.75	**244.9**
Munson	6744VT3	VT3	107	901	30	8	6636	28.6	56.25	**240.6**
Munson	26597VT3P	VT3P	112	901	30	8	6648	30.5	57.75	**234.6**
Munson	27905VT3	VT3	113	901	30	8	6374	29.9	58.00	**226.9**

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