2009 Illinois Core Plot

Year	Crop	District Sales Manager	Plot Name	County		Plot Cooperator	
2009	Corn	Jason Beard	Doubet Core Plot	Knox		Gary Doubet	
Planting Date	**Planting Rate**	**Previous Crop**	**Tillage System**	**Irrigation Y/N**	**Insecticide Force on**	**Harvest Date**	**ECB Pressure**
21-May	35,600	Soybeans	Conventional	N	7081RR	11-Dec	Light
Soil Texture		**Fertility Level**	**Herbicide Program**			**Primary Disease(s)**	
Silt Loam		Adequate				GLS	

Comments

*M6587VT3,20455VT3,7016VT3,6744VT3 & 23345VT3 were in a large wet hole in front of plot.

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	7081RR	RR	111	577	30	4	1796	18.5	-	**232.1**
Munson	27905VT3	VT3	113	577	30	4	1774	18.5	-	**229.3**
Dekalb	61-69	VT3	111	577	30	4	1772	18.5	-	**229.0**
Munson	7405VT3	VT3	114	577	30	4	1842	22.2	-	**227.3**
Munson	27895VT3	VT3	113	577	30	4	1804	21.2	-	**225.5**
Munson	M7439VT3	VT3	114	577	30	4	1828	22.6	-	**224.4**
Munson	M74883000GT	3000GT	114	577	30	4	1912	26.3	-	**223.5**
Munson	72983000GT	3000GT	112	577	30	4	1738	19.2	-	**222.7**
Munson	26597VT3P	VT3P	112	577	30	4	1726	18.8	-	**222.3**
Munson	M7466VT3	VT3	114	577	30	4	1808	22.7	-	**221.7**
Dekalb	63-42	VT3	113	577	30	4	1914	27.1	-	**221.3**
Munson	M7419VT3	VT3	114	577	30	4	1794	24.0	-	**216.2**
Munson	6744VT3*	VT3	107	577	30	4	1640	18.2	-	**212.8**
Munson	29205VT3	VT3	115	577	30	4	1718	22.0	-	**212.5**
Munson	70543000GT	3000GT	110	577	30	4	1624	18.7	-	**209.4**
Pioneer	33W84	HXTRR	111	577	30	4	1632	19.2	-	**209.1**
Munson	M7349VT3	VT3	113	577	30	4	1608	18.6	-	**207.6**
Munson	26125VT3	VT3	112	577	30	4	1660	21.5	-	**206.7**
Munson	7016VT3*	VT3	110	577	30	4	1594	19.0	-	**204.8**
Munson	20455VT3*	VT3	105	577	30	4	1570	18.3	-	**203.4**
Munson	7129VT3	VT3	112	577	30	4	1562	21.1	-	**195.5**
Munson	M6587VT3*	VT3	105	577	30	4	1508	18.5	-	**194.9**
Munson	23345VT3*	VT3	109	577	30	4	1500	19.0	-	**192.7**

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.