



# 2009 Test Plot Results

Cooperator:	<b>Union County FFA</b>	Planting Date: 05/12/09	
City, State:	Morganfield, KY	Harvest Date: 11/10/09	
County:	Union	Rows harvested: 4	
Seed & Trait Specialist:	Kirk Greenwell	Row width in inches: 30	
		Map zone: 2	
<u>Previous Crop:</u>	<u>Tillage:</u>	<u>Yield Category:</u>	<u>Irrigated:</u>
Corn	Conventional	180 - 200 bpa	No

Brand	Hybrid Number	Trait	RM	Yield/ Acre	% Moist.	Test Weight	Rank		\$ per Acre
<b>Gateway</b>	<b>6813</b>	<b>VT3</b>	<b>113</b>	<b>176.2</b>	<b>14.2</b>	<b>60</b>	<b>21</b>		<b>\$622</b>
<b>Gateway</b>	<b>7812</b>	<b>VT3</b>	<b>111</b>	<b>194.4</b>	<b>14.1</b>	<b>59</b>	<b>8</b>		<b>\$687</b>
<b>Gateway</b>	<b>6816</b>	<b>VT3</b>	<b>115</b>	<b>193.8</b>	<b>14.0</b>	<b>59</b>	<b>9</b>		<b>\$686</b>
Mycogen	2V732	VT3	113	203.4	14.0	57	2		\$720
Mycogen	2A720	VT3	112	192.6	14.0	57	11		\$682
Mycogen	2T699	VT3	110	186.5	14.0	56	18		\$660
Agrigold	6533	VT3	113	212.9	14.8	58	1		\$747
Agrigold	6489	VT3	112	191.2	15.6	59	14		\$665
Agrigold	6633	VT3	115	191.1	15.0	60	15		\$669
Pioneer	32D79	Hx/LL/RR	116	201.4	13.6	60	5		\$716
Pioneer	31P42	Hx/LL/RR	119	200.5	14.6	60	6		\$705
Pioneer	31D59	Hx/LL/RR	120	195.9	14.7	61	7		\$688
Pioneer	33F87	Hx/LL/RR	114	177.0	15.4	60	20		\$617
Pioneer	P1253	Hx/LL/RR	112	189.9	14.2	59	16		\$671
Pioneer	P1615	Hx/LL/RR	116	202.2	14.7	60	3		\$710
Dyna Gro	58V72	VT3	116	188.2	15.2	58	17		\$657
Dyna Gro	5373	VT3	114	192.6	14.3	59	12		\$680
Dyna Gro	57V40	VT3	111	169.9	14.2	59	24		\$600
Dekalb	62-54	VT3	112	172.5	14.8	60	22		\$605
Dekalb	65-44	VT3	115	202.1	15.0	59	4		\$707
Dekalb	61-69	VT3	111	182.1	14.7	60	19		\$640
Wyffels	7251	VT3	112	172.4	14.6	60	23		\$606
Wyffels	8681	VT3	114	193.2	15.7	60	10		\$671
Wyffels	6871	VT3	110	169.1	15.7	60	25		\$587
Pioneer	33M57	Hx/LL/RR	116	192.2	16.1	60	13		\$664
<b>Plot Averages:</b>				<b>189.7</b>	<b>14.7</b>				<b>\$666</b>

Standard Deviation = 11.6

Comments:  
Plot was planted at 29,000 population.

\$/Acre: Assumes \$3.50/bu. and a drying cost of \$.04/point of moisture down to 15.0%. No tech fee considerations made.



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### Population Trial

Brand	Hybrid Number	Pop.	Yield/ Acre	% Moist.		Hi-pop + or -			\$ per Acre
Dekalb	65-44	33,600	188.7	15.0		-0.9			\$660
Dekalb	65-44	27,600	189.6	15.1					\$663
Dekalb	62-54	27,600	177.7	15.3					\$620
Dekalb	62-54	33,600	199.4	15.1		21.7			\$697
Pioneer	33F87	33,600	174.5	14.4		3.5			\$615
Pioneer	33F87	27,600	171.0	14.6					\$601
Pioneer	33M57	27,600	195.0	14.7					\$685
Pioneer	33M57	33,600	200.0	15.1		5.0			\$699
<b>Plot Averages:</b>			<b>187.0</b>	<b>14.9</b>		<b>7.3</b>			<b>\$655</b>

Comments:

6000 extra population per acre cost approx. \$15.00 in extra seed. 7.3 bpa @ \$3.50 returns \$25.55, for overall benefit of \$10.55 per acre.