



2006 Strip Plots

ISU Grain Quality Laboratory

Results: HOI - Ames

Hybrids are listed in order from highest to lowest

Company	Hybrid	Yield (Bu. / A.)	Value ¹ (\$ / A.)	Test Wt. ² (lb. / Bu.)	Field Moisture ² (%)	Protein (%)	Oil (%)	Starch (%)	Density (g. / cc)	EPVBF ³ (\$ / Bu.)	
					Long Term Iowa Averages:		8.0	3.6	60.0	1.27	
Dekalb	DKC55-12 (New)	206.5	664.98	58.0	14.6	6.9	3.4	61.7	1.28	\$3.14	
Syngenta	N51-T8 (New)	205.3	664.66	57.7	14.0	6.8	3.3	61.9	1.26	\$3.13	
Dekalb	DKC61-45	203.3	646.38	58.2	16.1	6.9	3.3	61.7	1.27	\$3.13	
Dekalb	DKC61-22 (New)	203.1	651.52	57.5	15.1	7.4	3.4	60.9	1.29	\$3.16	
Syngenta	N60-B6	201.5	641.11	54.8	16.0	6.7	3.4	61.6	1.25	\$3.13	
Dekalb	DKC62-31	199.5	630.03	58.8	16.9	7.2	3.6	61.2	1.29	\$3.17	
Syngenta	N67-W5	196.8	629.15	56.9	15.5	6.5	3.3	61.6	1.24	\$3.11	
Croplan	4801RR2 (New)	195.6	634.8	57.0	13.7	6.8	3.3	62.0	1.27	\$3.13	
Syngenta	N51-V9 (New)	195.4	629.99	58.0	14.5	6.9	3.5	61.4	1.27	\$3.15	
Dekalb	DKC53-07	195.1	633.28	58.1	13.7	6.7	3.6	61.6	1.28	\$3.15	
Mycogen	2M747 (New)	193.6	610.18	56.6	17.1	7.2	4.0	60.6	1.29	\$3.21	
Mycogen	2R570	193.3	624.15	56.9	14.3	6.9	3.5	61.4	1.27	\$3.15	
Mycogen	2D673 (New)	192.5	609.3	57.2	16.6	7.7	3.8	60.0	1.27	\$3.21	
Croplan	421RR2/Bt	191.8	622.5	57.1	13.7	7.0	3.4	61.2	1.25	\$3.14	
Dekalb	DKC52-40	191.1	620.2	56.8	13.7	7.0	3.4	61.1	1.24	\$3.14	
Croplan	521TS	189.4	614.35	57.5	13.8	6.9	3.5	61.6	1.27	\$3.15	
Croplan	579Hx/LL	186.2	595.49	58.8	15.4	7.4	3.4	61.3	1.28	\$3.16	
Dekalb	DKC58-19 (New)	182.2	588.43	56.5	14.3	6.5	3.3	62.1	1.27	\$3.11	
Mycogen	2D5555 (New)	175.5	569.05	57.4	13.8	7.0	3.3	61.8	1.28	\$3.13	
Mycogen	2P722	175.3	559.76	56.0	15.6	6.7	3.3	61.7	1.26	\$3.12	
Dekalb - Check JC13	DKC58-78	173.6	559.55	57.1	14.5	7.5	3.5	61.0	1.28	\$3.18	
Dekalb - Check JC25	DKC58-78	173.2	556.92	57.4	14.8	7.5	3.5	61.1	1.28	\$3.18	
Croplan	6633RR2/Bt (New)	172.1	543.92	56.9	16.8	7.3	3.5	61.1	1.29	\$3.17	
Dekalb - Check JC2	DKC58-78	169.5	544.16	57.3	15.0	7.8	3.6	60.9	1.29	\$3.20	

Averages⁴	190.1	\$610.16	57.3	15.0	7.1	3.5	61.4	1.27	\$3.15
Standard Deviation⁴	11.5	\$37.17	0.9	1.1	0.4	0.2	0.5	0.02	\$0.03
Maximum⁴	206.5	\$664.98	58.8	17.1	7.8	4.0	62.1	1.29	\$3.21
Minimum⁴	169.5	\$543.92	54.8	13.7	6.5	3.3	60.0	1.24	\$3.11

YIELD, PROTEIN, OIL, STARCH, TEST WEIGHT AND DENSITY BASIS 15% MOISTURE.

VALUE IS GROSS REVENUE PER ACRE MINUS 2.75 CENTS/BU/PT. FOR DRYING.

DENSITY IS A MEASURE OF KERNEL HARDNESS.

¹ Value is determined by the current price for corn (\$3.21) and a drying charge.

² Field moisture content and test weight data were provided by the participating plot operator.

³ EPVBF is the Estimated Processed Value per Bushel to be used for Feed. It is determined by grain quality and the current market price for feed ingredients.

⁴ Averages, Standard Deviation, Maximum, and Minimum values were calculated from plot final results.

Ingredient Prices for EPVBF

Corn (\$ / bu.)	3.21
Grease (\$ / lb.)	0.16
DDG (\$ / ton)	85
by Meal (\$ / ton)	183.6