



2006 Strip Plots

ISU Grain Quality Laboratory

Results: HOI - Roland Hanson

Hybrids are listed in order from highest to lowest yield.

Company	Hybrid	Yield ¹ (Bu. / A.)	Value ² (\$ / A.)	Test Wt. ³ (lb. / Bu.)	Field Moisture ³ (%)	Protein (%)	Oil (%)	Starch (%)	Density (g. / cc)	EPVBF ⁴ (\$ / Bu.)
Long Term Iowa Averages:						8.0	3.6	60.0	1.27	
Pioneer	34A16	237.3	\$742.96	59.3	17.9	7.2	3.4	61.0	1.27	\$3.15
Dekalb	DKC61-22	236.6	\$744.00	56.8	17.4	7.2	3.5	61.2	1.30	\$3.16
Dekalb	DKC61-45	232.7	\$730.23	57.4	17.6	7.3	3.4	61.0	1.28	\$3.16
Dekalb	DKC61-68	231.9	\$730.40	58.0	17.2	7.2	3.4	61.1	1.28	\$3.15
Dekalb	DKC62-31	231.7	\$725.16	59.1	17.9	7.1	3.7	61.1	1.31	\$3.18
Dekalb	DKC60-18	228.8	\$717.36	58.1	17.7	6.7	3.4	61.7	1.27	\$3.13
Dekalb	DKC55-82	224.3	\$715.69	57.8	15.7	7.2	3.6	61.2	1.27	\$3.17
Dekalb	DKC52-63	221.6	\$708.28	57.4	15.5	7.0	3.4	61.2	1.26	\$3.14
Dekalb	DKC55-12	221.0	\$704.40	57.3	15.8	7.2	3.4	61.2	1.28	\$3.15
Syngenta	N67-W5	220.6	\$694.69	57.7	17.2	6.8	3.4	61.4	1.27	\$3.13
Pioneer	35Y67	219.4	\$695.74	59.8	16.4	7.4	3.2	61.7	1.31	\$3.15
Dairyland	10568	218.4	\$695.55	59.2	15.9	6.9	3.4	61.9	1.30	\$3.14
Dekalb	DKC54-53	218.2	\$694.95	59.4	15.9	7.5	3.5	61.1	1.30	\$3.18
Dekalb	DKC58-73	217.9	\$691.53	57.3	16.3	7.6	3.6	61.0	1.30	\$3.19
Pioneer	34A18	217.9	\$678.42	60.3	18.5	7.1	3.4	61.3	1.31	\$3.15
Dekalb	DKC54-47	217.4	\$693.58	59.0	15.7	7.3	3.6	60.9	1.29	\$3.18
Dekalb	DKC54-51	215.7	\$686.57	59.9	16.0	7.2	3.5	61.6	1.31	\$3.16
Dekalb	DKC54-46	214.5	\$682.52	59.5	16.0	7.6	3.6	60.8	1.29	\$3.19
Syngenta	N60-B6	213.8	\$668.15	55.1	18.1	6.6	3.4	61.3	1.24	\$3.12
Dekalb	DKC53-11	211.8	\$675.74	58.6	15.7	7.2	3.7	60.8	1.29	\$3.18
Dekalb	DKC58-19	211.3	\$671.78	58.5	16.1	6.8	3.4	61.8	1.28	\$3.13
Dekalb	DKC54-50 (P250)	211.2	\$672.87	59.7	15.9	7.2	3.4	61.6	1.31	\$3.15
Pioneer	36B11	210.5	\$666.34	61.0	16.6	7.9	3.3	61.3	1.31	\$3.18
Syngenta	N51-T8	210.3	\$672.66	58.0	15.4	7.0	3.5	61.3	1.26	\$3.15
Dairyland	10432	209.4	\$665.80	57.3	16.1	7.1	3.4	61.1	1.23	\$3.15
Dekalb	DKC54-50	208.9	\$664.95	59.7	16.0	7.2	3.5	61.6	1.31	\$3.16
Dekalb	DKC52-40	208.3	\$667.48	56.6	15.2	7.1	3.3	61.3	1.27	\$3.14
Dekalb	DKC51-39	197.3	\$631.82	57.3	15.3	7.2	3.3	61.5	1.27	\$3.14
Dairyland	5204	195.4	\$624.52	56.9	15.5	7.1	3.5	61.5	1.25	\$3.16
Dairyland	5201	191.7	\$612.13	56.9	15.6	7.3	3.5	60.9	1.26	\$3.17
Check Variety Information: (average values for check strips)										
Dekalb	DKC53-07 Check	209.7	\$669.28	59.1	15.7	7.1	3.6	61.2	1.29	\$3.17
Averages⁵										
		216.9	\$687.54	58.3	16.4	7.2	3.5	61.3	1.28	\$3.16
Standard Deviation⁵										
		11.2	\$32.12	1.3	1.0	0.3	0.1	0.3	0.02	\$0.02
Maximum⁵										
		237.3	\$744.00	61.0	18.5	7.9	3.7	61.9	1.31	\$3.19
Minimum⁵										
		191.7	\$612.13	55.1	15.2	6.6	3.2	60.8	1.23	\$3.12

**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 Yield is check-adjusted in plots with check strips.

² Value is determined by the current price for corn (\$3.21) and a drying charge.

³ Field moisture content and test weight data were provided by the participating plot operator.

⁴ 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.

⁵ Averages, Standard Deviation, Maximum, and Minimum values were calculated from plot final results, not including check strips (where applicable).

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Ingredient Prices for EPVBF

Corn (\$ / bu.)	3.21
White Grease (\$ / lb.)	0.16
DDG (\$ / ton)	85
48% Soy Meal (\$ / ton)	183.6