



2002 Strip Plots

ISU Grain Quality Laboratory

Results: Black Hawk County Corn Strip Plot

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	33P67	253.2	\$588.37	58.0	21.4	7.5	4.0	59.0	1.27	\$2.50
Epley	E3630BT	241.5	\$565.85	55.8	20.7	7.2	4.2	59.3	1.26	\$2.49
Garst	8484B	240.2	\$564.81	55.1	20.4	8.0	3.9	58.8	1.25	\$2.52
Ottilie	5267	237.8	\$561.17	55.8	20.1	8.0	4.2	59.2	1.26	\$2.54
Great Lakes	5855BT	234.3	\$562.65	56.0	18.6	7.6	3.9	59.3	1.25	\$2.50
Agripro	9476Bt	234.0	\$565.15	55.7	18.1	8.4	3.8	59.0	1.23	\$2.54
Great Lakes	6301BT	233.8	\$546.66	54.3	20.9	7.7	4.2	58.8	1.24	\$2.52
Mycogen	2833	232.1	\$547.71	53.6	20.1	7.3	4.1	59.3	1.24	\$2.49
Crows	438B	231.9	\$559.23	55.8	18.2	8.1	3.9	59.4	1.22	\$2.53
Dekalb	DKC 60-08	231.8	\$557.78	58.6	18.4	7.2	3.7	60.1	1.28	\$2.45
Cornelius	C605YG	230.1	\$549.41	53.9	19.1	7.6	4.3	58.8	1.24	\$2.52
Crows	5360	229.8	\$538.39	53.8	20.7	7.5	4.0	59.1	1.24	\$2.50
Northrup King	N60-N2	228.8	\$547.42	53.3	18.9	7.9	3.6	59.1	1.24	\$2.49
Ag Venture	817BT	228.6	\$536.95	54.2	20.5	7.6	4.1	59.2	1.24	\$2.51
Ottilie	5005	227.8	\$546.97	56.9	18.6	7.6	3.6	59.8	1.24	\$2.47
Pioneer	34N44	227.1	\$540.32	58.0	19.4	7.3	3.7	60.0	1.26	\$2.46
Midwest	7652B	225.6	\$539.26	56.9	19.0	7.9	4.3	58.7	1.27	\$2.54
Wyffels	5541G	223.7	\$533.35	55.2	19.2	9.1	4.2	57.6	1.25	\$2.62
Asgrow	RX634YG	223.5	\$543.31	57.6	17.5	7.9	3.3	60.5	1.27	\$2.47
Epley	E2484	222.6	\$532.69	55.6	18.9	8.2	4.0	58.6	1.27	\$2.54
Ag Venture	683BT	222.5	\$535.40	56.3	18.4	8.6	4.1	58.6	1.23	\$2.58
Stine	9617	221.0	\$522.65	55.8	19.9	7.9	4.0	59.0	1.27	\$2.52
Patriot	50-921	220.7	\$530.46	57.1	18.5	8.7	4.3	58.2	1.27	\$2.60
Asgrow	RX601YG	220.3	\$529.05	57.7	18.6	7.9	3.8	59.6	1.26	\$2.51
Dekalb	DKC 58-78	219.9	\$532.71	56.6	17.8	8.4	4.3	58.8	1.26	\$2.58
High Cycle	7782BT	218.9	\$518.99	54.3	19.7	9.2	4.2	57.4	1.25	\$2.62
LG	2553	218.6	\$528.56	56.2	18.0	7.9	3.7	59.5	1.24	\$2.50
Mycogen	2K690	217.5	\$519.86	56.5	19.0	8.3	4.1	58.6	1.26	\$2.56
Cornelius	C588YG	217.1	\$521.94	56.8	18.5	7.5	3.8	59.6	1.25	\$2.48
Patriot	50-771	216.7	\$524.44	56.5	17.9	7.5	3.4	60.2	1.26	\$2.45
Midwest	G7695B	216.2	\$518.44	54.7	18.7	8.5	4.0	58.3	1.24	\$2.56
LG	2569	213.8	\$512.68	55.9	18.7	8.5	4.1	58.6	1.24	\$2.57
High Cycle	7012	210.1	\$505.11	55.9	18.5	8.1	4.6	58.5	1.26	\$2.58
Ag Vantage	FS5983	207.6	\$500.71	56.8	18.2	8.0	4.6	58.4	1.27	\$2.57
Northrup King	N45-A6	203.9	\$501.37	57.4	16.5	7.8	3.5	60.1	1.26	\$2.48
Wyffels	4828G	203.1	\$492.60	56.7	17.7	8.9	3.7	58.8	1.26	\$2.57
Ag Vantage	FS4322	198.4	\$483.92	60.2	17.2	7.4	4.1	59.7	1.29	\$2.50
Stine	9509	192.9	\$461.02	59.2	19.0	7.5	3.4	60.2	1.29	\$2.45

Check Variety Information: (average values for check strips)										
Ag Vantage	FS 5632	208.8	\$502.14	55.8	18.5	8.8	4.0	58.3	1.26	\$2.58

Averages⁵	223.1	\$533.35	56.2	18.9	8.0	4.0	59.1	1.25	\$2.52
Standard Deviation⁵	12.3	\$25.40	1.6	1.1	0.5	0.3	0.7	0.02	\$0.05
Maximum⁵	253.2	\$588.37	60.2	21.4	9.2	4.6	60.5	1.29	\$2.62
Minimum⁵	192.9	\$461.02	53.3	16.5	7.2	3.3	57.4	1.22	\$2.45

**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 (\$2.50) 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).

Ingredient Prices for EPVBF

Corn (\$ / bu.)	2.50
White Grease (\$ / lb.)	0.13
DDG (\$ / ton)	100
48% Soy Meal (\$ / ton)	185