



2002 Strip Plots

ISU Grain Quality Laboratory

Results: Bremer 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	34M95	217.9	\$514.19	60.3	20.1	7.7	3.6	59.4	1.26	\$2.48
Trelay	7782BT	216.4	\$518.37	58.0	18.8	7.9	3.9	59.0	1.25	\$2.52
Dekalb	DKC58-78	214.0	\$513.17	58.9	18.7	7.6	3.7	60.1	1.26	\$2.48
LG	2533Bt	213.6	\$501.00	58.4	20.6	7.9	3.9	59.3	1.25	\$2.52
Pioneer	35Y55	213.0	\$503.85	59.2	19.9	7.5	3.7	59.9	1.25	\$2.47
Garst	8523	211.5	\$503.71	59.1	19.3	7.4	3.7	59.9	1.24	\$2.47
Ag Venture	AV683BT	209.5	\$497.26	58.2	19.6	7.6	3.9	59.5	1.22	\$2.50
Crows	3431B	206.5	\$493.53	58.0	19.0	7.8	3.7	59.8	1.23	\$2.49
Midwest	G7652B	203.0	\$481.20	60.2	19.7	7.4	4.0	59.1	1.27	\$2.49
Dairyland	1507	201.9	\$479.70	58.1	19.5	8.5	3.9	59.2	1.23	\$2.56
Golden Harvest	H8977Bt	200.8	\$473.81	59.3	20.1	8.4	4.0	58.6	1.25	\$2.56
Midwest	G7695B	199.2	\$475.43	58.0	19.1	7.8	3.8	59.2	1.24	\$2.50
Asgrow	RX601YG	197.1	\$475.97	60.8	18.1	7.8	3.5	60.3	1.26	\$2.48
Dekalb	DKC58-24R	195.9	\$474.13	59.7	17.9	8.2	3.8	59.1	1.26	\$2.53
Patriot	5D-921	194.1	\$469.67	59.7	17.9	8.4	3.8	59.2	1.27	\$2.54
Trelay	7012	193.3	\$452.89	58.4	20.7	7.2	4.2	59.4	1.28	\$2.49
Crows	441B	192.6	\$450.17	59.5	20.9	7.4	3.6	60.0	1.25	\$2.46
N. King	N45-A6	190.2	\$456.10	58.9	18.7	7.4	3.7	60.2	1.25	\$2.47
Dairyland	1606	189.9	\$466.35	58.4	16.6	7.6	3.4	60.3	1.26	\$2.46
Epley	E2484	188.9	\$453.67	58.9	18.6	8.2	4.0	59.0	1.26	\$2.54
Asgrow	RX634YG	188.8	\$457.99	59.7	17.7	7.7	3.5	60.6	1.26	\$2.47
Gold Country	X12008R	188.0	\$455.10	58.7	17.9	7.7	3.7	60.1	1.24	\$2.49
Epley	E1493	187.6	\$447.89	61.0	19.1	6.6	3.0	61.2	1.27	\$2.36
Garst	8578	186.2	\$446.11	59.0	18.8	6.6	3.7	61.2	1.23	\$2.41
Gold Country	1051	185.5	\$442.82	59.0	19.1	8.6	3.7	58.9	1.26	\$2.55
N. King	N60-N2	184.9	\$437.38	57.2	19.9	7.9	3.6	59.5	1.24	\$2.49
Ag Venture	AV743	184.6	\$434.08	59.4	20.4	7.7	3.7	59.7	1.23	\$2.49
Patriot	4060	181.4	\$435.52	58.9	18.6	7.8	3.5	59.8	1.26	\$2.48
Legend	LT8905T	179.3	\$436.03	59.6	17.5	8.0	4.0	59.3	1.27	\$2.53
LG	2569	176.4	\$421.15	60.0	19.1	8.8	3.7	58.7	1.25	\$2.56
Legend	R5665	171.7	\$414.22	58.8	18.2	8.3	4.0	59.0	1.27	\$2.55
Golden Harvest	H7995Bt	169.2	\$405.26	59.0	18.8	8.5	3.6	59.1	1.25	\$2.53
Check Variety Information: (average values for check strips)										
Ramy	R1590	176.5	\$422.23	58.3	18.9	8.0	3.7	59.5	1.23	\$2.51
Averages⁵		194.8	\$465.24	59.1	19.0	7.8	3.7	59.6	1.25	\$2.50
Standard Deviation⁵		13.2	\$30.05	0.9	1.0	0.5	0.2	0.7	0.01	\$0.04
Maximum⁵		217.9	\$518.37	61.0	20.9	8.8	4.2	61.2	1.28	\$2.56
Minimum⁵		169.2	\$405.26	57.2	16.6	6.6	3.0	58.6	1.22	\$2.36

**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).

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