

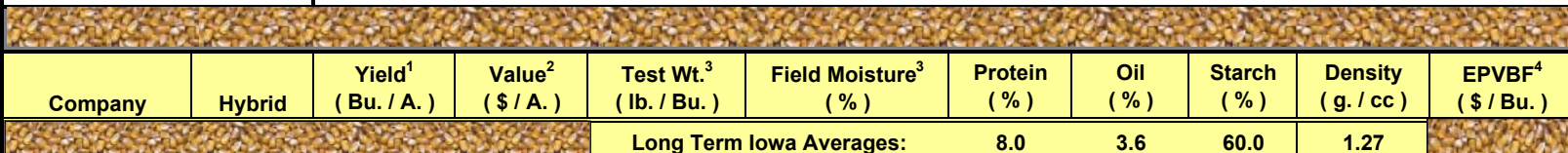


2003 Strip Plots

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	34N44	201.0	\$403.70	58.7	17.6	7.7	3.2	61.0	1.29	\$2.01
Syngenta NK	N60-B6	191.4	\$394.96	55.2	15.6	7.1	3.5	61.3	1.23	\$1.99
LG	2533Bt	191.0	\$394.65	56.1	15.5	8.2	3.5	60.3	1.24	\$2.09
Dekalb	DKC58-78	190.5	\$393.68	55.1	15.5	8.3	3.5	60.7	1.26	\$2.10
Great Lakes	5961Bt	184.3	\$379.86	57.2	15.7	8.1	3.8	60.3	1.24	\$2.11
FS	5634Bt	182.9	\$371.86	57.4	16.7	9.0	3.7	59.5	1.26	\$2.18
Great Lakes	108Bt	182.4	\$377.42	56.1	15.4	8.5	3.8	59.6	1.24	\$2.15
Agventure	AV743CB	179.5	\$365.46	55.4	16.6	7.9	3.6	60.6	1.24	\$2.07
Diener	D1065	179.0	\$371.77	57.0	15.1	8.0	3.4	60.9	1.25	\$2.06
Syngenta NK	N50-P5	178.3	\$367.35	56.2	15.7	8.6	3.4	60.0	1.27	\$2.11
Epley	E1180Bt	177.7	\$366.24	56.2	15.7	9.5	3.3	59.8	1.28	\$2.19
Epley	E2410Bt	177.4	\$363.08	59.3	16.2	7.8	3.3	60.9	1.28	\$2.03
LG	2540	177.3	\$367.26	56.1	15.3	7.9	3.6	60.5	1.24	\$2.07
Dekalb	DKC60-16	174.8	\$357.90	57.3	16.2	7.9	3.1	61.0	1.27	\$2.02
FS	5983	174.7	\$357.04	56.3	16.3	8.0	4.1	59.5	1.26	\$2.13
Syngenta NK	N45-A6	174.2	\$359.05	56.2	15.7	8.1	3.7	60.3	1.26	\$2.10
LG	2513Bt	174.0	\$367.17	56.7	13.9	8.8	3.1	60.3	1.28	\$2.10
Legends	LS8005Bt	173.3	\$355.79	57.3	16.0	7.9	3.9	60.4	1.28	\$2.10
Patriot	50-833	171.2	\$350.54	56.3	16.2	8.2	3.5	60.1	1.26	\$2.09
Pioneer	34H32	170.3	\$345.36	60.5	16.9	8.4	3.3	60.5	1.29	\$2.08
Golden Harvest	8673Bt	170.2	\$348.37	55.3	16.2	8.3	4.0	59.7	1.22	\$2.15
Diener	D1022	169.6	\$351.30	57.1	15.3	7.7	3.5	61.3	1.27	\$2.04
FS	5632	167.7	\$343.68	56.3	16.1	8.6	3.8	59.6	1.25	\$2.16
Agventure	AV6910CB	166.8	\$336.76	56.6	17.2	9.1	3.6	59.5	1.27	\$2.18
FS	54-24	166.6	\$345.61	56.1	15.2	8.0	3.1	61.3	1.27	\$2.03
Dekalb	DKC50-18	165.1	\$341.51	56.1	15.4	7.7	3.3	60.9	1.27	\$2.02
Garst	8552	164.8	\$333.76	55.5	17.0	8.1	3.5	60.6	1.22	\$2.08
Gold Country	1016Bt	163.8	\$339.89	56.1	15.2	8.3	3.8	60.6	1.26	\$2.13
Gold Country	103-02CB	163.3	\$336.47	56.2	15.7	7.3	3.6	61.6	1.25	\$2.02
Patriot	40-221	161.2	\$337.91	54.9	14.4	7.6	3.6	60.8	1.22	\$2.04
Garst	8566	159.4	\$324.13	56.4	16.7	8.7	4.2	59.2	1.25	\$2.21
Trelay	7601Bt	157.5	\$324.60	55.2	15.7	7.4	3.5	61.5	1.25	\$2.01
Legends	LS5308	151.0	\$310.28	56.2	15.9	8.6	3.9	59.8	1.27	\$2.17
Golden Harvest	H8751	145.3	\$296.27	57.4	16.5	8.5	3.5	60.2	1.27	\$2.12
Trelay	7748Bt	140.0	\$284.64	56.4	16.7	8.7	4.2	59.4	1.26	\$2.21
Check Variety Information: (average values for check strips)										
Pioneer	34M95	190.3	\$389.51	57.3	16.2	8.6	3.6	60.1	1.26	\$2.13

Averages⁵	171.9	\$353.29	56.5	15.9	8.2	3.6	60.4	1.26	\$2.10
Standard Deviation⁵	12.8	\$26.51	1.2	0.8	0.5	0.3	0.7	0.02	\$0.06
Maximum⁵	201.0	\$403.70	60.5	17.6	9.5	4.2	61.6	1.29	\$2.21
Minimum⁵	140.0	\$284.64	54.9	13.9	7.1	3.1	59.2	1.22	\$1.99

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 (\$2.08) 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.)	2.08
White Grease (\$ / lb.)	0.19
DDG (\$ / ton)	95
48% Soy Meal (\$ / ton)	205