



2002 Strip Plots

ISU Grain Quality Laboratory

Results: Cass 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	
Golden Harvest	H9164Bt	174.8	\$423.92	54.7	17.7	7.5	3.9	60.1	1.25	\$2.49	
Pfister	2680Bt	167.8	\$408.40	58.1	17.4	7.7	4.0	59.5	1.28	\$2.51	
Pioneer	34B24	167.1	\$403.07	59.8	18.2	8.0	3.3	59.8	1.28	\$2.48	
Midwest Genetics	G8066B	164.3	\$398.05	56.7	17.8	7.0	3.7	60.4	1.28	\$2.44	
Novartis	6961	163.1	\$395.29	58.7	17.8	7.4	3.9	59.8	1.28	\$2.48	
US Seeds	C1141	161.9	\$400.67	58.2	15.9	7.1	3.6	60.4	1.28	\$2.44	
Mycogen	2833	160.4	\$387.38	60.8	18.1	7.3	3.8	59.9	1.28	\$2.47	
Golden Harvest	H9087	160.4	\$389.09	58.7	17.7	7.8	3.3	60.2	1.26	\$2.46	
Mycogen	7474	159.4	\$390.93	58.9	16.7	7.8	3.7	60.0	1.28	\$2.49	
Wilson	1674Bt	159.1	\$385.53	58.7	17.8	7.3	4.0	59.9	1.27	\$2.48	
Ottillie	4777Bt	158.8	\$384.41	57.7	17.9	7.3	3.8	60.2	1.25	\$2.47	
Novartis	NX6900	157.4	\$387.90	54.3	16.3	8.0	3.9	59.2	1.26	\$2.52	
US Seeds	E1102Bt	155.1	\$379.67	52.0	16.9	8.1	3.8	59.3	1.27	\$2.52	
Fontanelle	7886Bt	154.3	\$372.95	59.3	18.0	7.7	3.8	59.6	1.27	\$2.49	
Pfister	2540Bt	154.0	\$380.88	54.3	16.0	8.5	4.0	58.7	1.29	\$2.56	
LG Seeds	2637	154.0	\$370.68	55.9	18.4	7.0	3.5	60.4	1.27	\$2.43	
Crows	4905B	149.8	\$364.62	57.6	17.4	7.7	4.2	59.3	1.26	\$2.52	
Fontanelle	5282	148.9	\$368.68	54.2	15.9	7.1	4.1	60.0	1.25	\$2.48	
Garst	8348	148.3	\$357.28	57.8	18.3	7.6	3.5	60.2	1.27	\$2.47	
Crows	5165B	146.5	\$351.82	54.4	18.6	7.3	3.9	59.9	1.27	\$2.47	
LG Seeds	2587	146.2	\$354.31	59.2	17.8	8.1	4.1	59.0	1.27	\$2.54	
Curry	7846Bt	145.5	\$355.42	55.5	17.1	8.0	4.0	59.4	1.28	\$2.53	
Pioneer	33B51	140.0	\$336.25	57.4	18.6	7.7	3.6	60.3	1.28	\$2.48	
Wyffels	W8210	139.9	\$345.99	55.3	16.0	8.4	3.8	59.1	1.29	\$2.54	
Wyffels	7180	138.9	\$346.16	55.1	15.3	8.6	3.9	59.2	1.27	\$2.56	
Wilson	1563	137.6	\$340.47	51.7	15.9	8.4	4.2	59.1	1.26	\$2.57	
Kruger	9115A	136.5	\$329.33	52.8	18.2	7.8	4.0	59.4	1.27	\$2.52	
Curry	4815	135.5	\$330.60	54.6	17.2	8.0	4.0	59.3	1.27	\$2.53	
Garst	8484	133.4	\$317.77	55.1	19.3	8.3	4.0	58.9	1.26	\$2.55	
Midwest Genetics	G8122	131.5	\$318.73	56.7	17.8	7.4	3.6	60.2	1.27	\$2.46	
Kruger	9012Bt	113.5	\$265.28	52.5	20.9	8.8	4.2	58.3	1.28	\$2.60	
Check Variety Information: (average values for check strips)											
Pioneer	33P67	180.0	\$430.15	61.0	19.0	7.8	3.7	59.4	1.30	\$2.49	
Averages⁵		150.5	\$365.86	56.3	17.5	7.8	3.8	59.6	1.27	\$2.50	
Standard Deviation⁵		13.2	\$33.20	2.5	1.2	0.5	0.2	0.6	0.01	\$0.04	
Maximum⁵		174.8	\$423.92	60.8	20.9	8.8	4.2	60.4	1.29	\$2.60	
Minimum⁵		113.5	\$265.28	51.7	15.3	7.0	3.3	58.3	1.25	\$2.43	

**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