



2004 Strip Plots

ISU Grain Quality Laboratory

Results: Cass County Corn Plot

Hybrids are listed in order from highest to lowest yield.

Company	Hybrid	Yield (Bu. / A.)	Value ¹ (\$ / A.)	Test Wt. ² (lb. / Bu.)	Field Moisture ² (%)	Protein (%)	Oil (%)	Starch (%)	Density (g. / cc)	EPVBF ³ (\$ / Bu.)	
				Long Term Iowa Averages:				8.0	3.6	60.0	1.27
Golden Harvest	H9209Bt	231.8	\$397.58	54.5	18.8	7.5	3.5	60.9	1.27	\$1.78	
NK	N67-T4	231.2	\$403.65	57.7	17.7	6.9	3.5	61.6	1.28	\$1.74	
Dekalb	DKC60-16	228.0	\$394.27	57.3	18.3	7.6	3.6	60.9	1.27	\$1.79	
Pioneer	33P67	227.4	\$395.03	62.3	18.0	7.2	3.9	60.9	1.30	\$1.79	
Wyffels	W8603	227.3	\$390.01	56.0	18.8	6.9	3.8	61.0	1.28	\$1.76	
Mycogen	2784	226.0	\$403.24	56.3	16.3	7.8	3.7	60.6	1.28	\$1.82	
Golden Harvest	H9360Bt	225.4	\$382.31	58.1	19.5	6.9	3.5	61.3	1.28	\$1.74	
Asgrow	RX718	222.2	\$381.17	59.0	18.8	8.1	3.5	60.9	1.31	\$1.82	
Mycogen	2A775	218.9	\$379.76	55.8	18.1	7.3	3.7	60.9	1.29	\$1.78	
Garst	8350YG1	217.5	\$380.94	58.1	17.5	7.2	3.4	61.5	1.28	\$1.75	
Wilson	1775 B	216.3	\$379.38	56.6	17.4	6.4	3.5	61.6	1.26	\$1.70	
Wilson	1842 B	212.8	\$370.24	55.7	17.9	6.3	3.6	61.7	1.27	\$1.71	
Ottlie	5436Bt	211.7	\$366.11	55.8	18.3	7.0	3.8	60.9	1.27	\$1.77	
Wyffels	W7633YGCB	209.5	\$360.49	55.9	18.6	6.7	3.3	62.0	1.27	\$1.71	
Dekalb	DKC58-78	202.3	\$358.68	57.9	16.7	9.0	3.4	60.4	1.30	\$1.87	
Ottlie	5476Bt	199.4	\$340.39	56.0	19.1	6.5	3.5	61.7	1.28	\$1.71	
Pioneer	34N44	198.5	\$350.42	58.5	17.0	7.0	3.3	62.2	1.31	\$1.73	
Dekalb	DKC58-78	197.8	\$347.52	56.6	17.3	8.5	3.6	60.5	1.30	\$1.85	
Garst	8424	192.4	\$335.87	57.7	17.7	8.1	3.7	60.6	1.31	\$1.84	
Averages⁴		215.6	\$374.58	57.1	18.0	7.3	3.6	61.2	1.28	\$1.77	
Standard Deviation⁴		12.6	\$21.03	1.7	0.8	0.7	0.2	0.5	0.02	\$0.05	
Maximum⁴		231.8	\$403.65	62.3	19.5	9.0	3.9	62.2	1.31	\$1.87	
Minimum⁴		192.4	\$335.87	54.5	16.3	6.3	3.3	60.4	1.26	\$1.70	

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.

Ingredient Prices for EPVBF

Corn (\$ / bu.)	1.82
White Grease (\$ / lb.)	0.155
DDG (\$ / ton)	100
48% Soy Meal (\$ / ton)	160

¹ Value is determined by the current price for corn (\$1.82) and a drying charge.

² Field moisture content and test weight data were provided by the participating plot operator.

³ 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.

⁴ Averages, Standard Deviation, Maximum, and Minimum values were calculated from plot final results.