



2005 Strip Plot Variety Trials

ISU Grain Quality Laboratory

Results: Cass County

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		
Ottillie	5476	255.2	\$465.87	60.0	14.8	6.9	3.6	61.4	1.28	\$1.74	
Pioneer	33N09	250.6	\$457.52	61.0	14.8	8.5	3.4	60.5	1.32	\$1.84	
DeKalb	DKC 61-72	245.2	\$447.67	60.0	14.8	8.3	3.7	60.2	1.28	\$1.85	
Asgrow	RX674 RR2	240.5	\$445.71	58.7	13.8	9.0	3.8	59.8	1.29	\$1.91	
NK	N70-F1	237.6	\$432.42	61.0	15.0	8.1	3.5	61.0	1.29	\$1.82	
Wilson	1842B	237.1	\$429.62	58.6	15.3	7.1	3.7	61.1	1.28	\$1.77	
NuTech	4717 YGCB	235.9	\$429.31	58.0	15.0	8.3	3.6	60.4	1.30	\$1.84	
LG Seeds	2633 Bt	234.6	\$430.81	57.4	14.4	7.4	3.7	60.8	1.27	\$1.79	
Wyffels	W8603	234.3	\$423.77	56.1	15.4	6.9	3.5	61.5	1.28	\$1.73	
Golden Harvest	9360 Bt	234.3	\$430.34	58.9	14.4	7.1	3.7	61.2	1.28	\$1.77	
4-Star Seeds	B680 Bt C	233.8	\$428.17	58.9	14.6	8.0	3.9	60.2	1.27	\$1.85	
Asgrow	RX752 RR/YG	233.4	\$431.90	60.2	13.9	7.5	3.5	61.2	1.28	\$1.78	
Mycogen	2P786	233.3	\$427.20	58.9	14.6	7.5	3.5	61.5	1.31	\$1.78	
Croplan	731 Hx	232.5	\$423.07	56.0	15.0	7.5	3.7	61.0	1.29	\$1.79	
Wilson	1732B	231.5	\$418.79	57.1	15.4	8.0	3.6	60.7	1.28	\$1.82	
Trissler	T5337 CB	231.3	\$417.22	58.2	15.6	6.8	3.5	61.5	1.28	\$1.73	
Croplan	697HX/6	229.9	\$419.70	56.5	14.8	9.0	3.8	59.6	1.29	\$1.91	
DeKalb	DKC 61-45	228.7	\$419.42	59.4	14.5	8.4	3.5	60.2	1.29	\$1.84	
NK	N70-T9	228.6	\$417.97	56.9	14.7	7.1	3.6	61.4	1.28	\$1.76	
Pioneer	33A87	226.3	\$413.15	60.0	14.8	7.9	3.5	60.7	1.30	\$1.80	
Garst	8488 IT	224.7	\$413.22	57.8	14.3	7.6	3.6	60.9	1.28	\$1.79	
Ottillie	5334	224.6	\$410.61	57.9	14.7	6.7	3.6	61.9	1.27	\$1.73	
4-Star Seeds	8662 C	223.1	\$415.21	58.6	13.5	8.6	3.7	60.2	1.27	\$1.87	
Mark Seed	04Bt15	222.9	\$408.80	56.4	14.5	7.1	3.8	60.9	1.28	\$1.78	
Trissler	T5240 CB	221.9	\$394.66	59.4	16.5	7.9	3.9	60.4	1.28	\$1.84	
NuTech	4513 YGCB	221.8	\$404.96	58.0	14.8	8.1	3.5	60.5	1.29	\$1.82	
Renze	5425	220.1	\$402.43	55.9	14.7	8.6	3.8	59.8	1.28	\$1.88	
LG Seeds	2540 Bt	218.0	\$399.73	56.9	14.5	7.4	3.6	60.9	1.26	\$1.78	
Stine	9720 Bt	217.8	\$397.05	59.0	14.9	7.2	3.4	61.0	1.27	\$1.74	
Wyffels	W7260	216.1	\$386.72	58.3	16.1	8.0	3.5	60.7	1.31	\$1.81	
Renze	8454	215.9	\$394.07	58.0	14.8	7.3	3.5	61.4	1.28	\$1.76	
Golden Harvest	9251 Bt	213.8	\$393.23	57.8	14.3	7.2	3.3	61.8	1.29	\$1.74	
Mark Seed	02Bt10	210.1	\$385.36	58.9	14.5	7.2	3.6	61.2	1.28	\$1.76	
Garst	8535 YG 1/IT	207.2	\$381.67	56.8	14.2	7.7	3.9	60.6	1.28	\$1.83	
Mycogen	2G768	204.5	\$372.20	57.5	15.0	7.8	3.9	60.6	1.27	\$1.83	
Stine	9803 Bt	202.5	\$368.58	60.0	15.0	7.4	3.3	61.6	1.31	\$1.75	
Check Variety Information: (average values for check strips)											
Golden Harvest	9209 (check)	237.3	\$433.40	57.2	14.8	7.2	3.5	61.2	1.25	\$1.76	
Averages⁵		227.2	\$414.95	58.3	14.8	7.7	3.6	60.8	1.28	\$1.80	
Standard Deviation⁵		12.0	\$22.31	1.4	0.6	0.6	0.2	0.6	0.01	\$0.05	
Maximum⁵		255.2	\$465.87	61.0	16.5	9.0	3.9	61.9	1.32	\$1.91	
Minimum⁵		202.5	\$368.58	55.9	13.5	6.7	3.3	59.6	1.26	\$1.73	

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 (\$1.82) 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

⁵ Averages, Standard Deviation, Maximum, and Minimum values were calculated from plot final results, not

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Ingredient Prices for EPVBF

Corn (\$ / bu.)	1.82
White Grease (\$ / lb.)	0.17
DDG (\$ / ton)	70
48% Soy Meal (\$ / ton)	165