



2005 Strip Plot Variety Trials

ISU Grain Quality Laboratory

Results: Bremer 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	
DeKalb	DKC 58-78	241.6	\$424.37	56.6	17.3	7.9	3.7	60.5	1.28	\$1.82	
NK	N65-C5 Cruiser	239.6	\$416.31	58.8	18.0	7.1	3.5	61.1	1.27	\$1.75	
Mycogen	2R570 Herculex I Cruiser	233.2	\$414.12	56.4	16.6	7.9	3.5	60.7	1.25	\$1.80	
Pioneer	34A16	224.1	\$377.63	58.2	19.9	7.4	3.6	60.7	1.28	\$1.78	
FS	4475YGCB Poncho 250	221.7	\$388.25	57.6	17.5	6.9	3.6	61.4	1.26	\$1.74	
AgVenture	AV743CB Poncho 250	218.7	\$375.24	57.0	18.8	7.5	3.7	60.9	1.25	\$1.79	
Trelay	5B739 Poncho 250	218.6	\$384.55	58.6	17.2	6.9	3.6	61.2	1.26	\$1.74	
Trelay	5B353 Poncho 250	216.5	\$383.33	58.5	16.8	7.3	3.7	60.9	1.26	\$1.78	
AgVenture	AV6705CB Poncho 250	215.4	\$374.88	58.7	17.9	7.2	3.5	61.3	1.28	\$1.75	
DeKalb	DKC 50-18	215.4	\$389.58	58.1	15.4	7.1	3.5	61.5	1.26	\$1.75	
Golden Harvest	H8445 BT	215.2	\$373.99	55.8	18.0	7.2	3.6	61.0	1.27	\$1.76	
LG	2540 BT	214.4	\$354.87	56.5	21.0	7.0	3.6	61.0	1.25	\$1.75	
Legend	5406 BT	212.9	\$373.51	59.6	17.4	7.7	3.6	60.6	1.29	\$1.80	
Garst	8535 YG IT	212.6	\$363.57	56.0	19.0	7.5	4.0	59.9	1.26	\$1.82	
NK	NX5105 Cruiser	211.6	\$379.23	57.3	16.0	7.2	3.5	61.2	1.27	\$1.75	
NK	N67-W5 Crusier	210.2	\$358.33	56.1	19.2	7.0	3.4	61.3	1.25	\$1.73	
Golden Harvest	H8920	209.2	\$357.68	57.0	19.0	7.9	3.5	60.8	1.30	\$1.80	
Merschman	M504 BT Poncho 250	208.4	\$358.60	56.9	18.6	6.9	3.5	61.2	1.27	\$1.73	
Gold Country	105-04C BR RR	207.7	\$371.12	59.3	16.2	7.4	3.3	61.4	1.28	\$1.75	
Merschman	M605A1	207.4	\$367.85	58.4	16.7	7.7	3.6	60.8	1.28	\$1.80	
FS	5634 BT Poncho 250	207.1	\$350.66	58.2	19.6	8.1	3.7	59.9	1.27	\$1.84	
Mycogen	2P682 Cruiser	206.0	\$363.62	56.5	17.0	6.9	3.2	61.7	1.27	\$1.70	
NK	N70-T9 Cruiser	205.7	\$344.45	57.3	20.3	7.0	3.6	61.1	1.28	\$1.75	
Trelay	6B413 Poncho 250	205.2	\$367.21	59.3	16.1	7.3	3.3	61.3	1.27	\$1.74	
Pioneer	35A30	204.2	\$354.16	59.8	18.1	7.4	3.5	61.0	1.28	\$1.77	
Legend	5507 BT	203.8	\$355.83	57.7	17.7	8.1	3.8	60.0	1.25	\$1.83	
LG	2533 BT	202.6	\$345.36	56.1	19.2	7.6	3.6	60.5	1.27	\$1.83	
Wyffels	W2713 Poncho 250	200.8	\$356.01	56.4	16.7	7.5	3.4	61.3	1.26	\$1.79	
Pioneer	33A87 Herculex I Poncho 250	200.8	\$332.27	57.5	21.0	7.7	3.8	59.9	1.28	\$1.82	
Mycogen	2J525 Cruiser	199.9	\$359.47	58.2	15.8	7.8	3.4	61.0	1.28	\$1.78	
Epley Bros.	E1403YGCB	199.5	\$358.77	58.2	15.8	7.2	3.0	62.0	1.28	\$1.75	
Merschman	M508C	198.8	\$338.33	56.1	19.3	8.0	3.6	60.3	1.26	\$1.78	
Epley	E14H07	196.9	\$346.92	57.5	17.1	7.9	4.2	59.9	1.27	\$1.87	
Merschman	M20108 Poncho 250	196.0	\$336.78	55.9	18.7	8.1	3.4	60.2	1.25	\$1.81	
Epley Bros.	E25R90YGCB RR	195.0	\$340.90	57.7	17.6	7.8	3.6	60.4	1.24	\$1.81	
Gold Country	100-05-CB	193.9	\$351.75	57.1	15.2	7.7	3.4	60.8	1.27	\$1.78	
Wyffels	W6330	183.0	\$310.35	56.1	19.5	7.7	3.7	60.4	1.28	\$1.81	
Garst	8676 IT	182.7	\$318.40	56.7	17.8	7.8	3.4	60.7	1.27	\$1.79	
LG	2536	180.7	\$314.96	56.7	17.8	7.4	3.4	61.2	1.28	\$1.76	

Check Variety Information: (average values for check strips)

Legend (check)	8909 BT	196.9	\$333.92	56.6	18.8	7.9	3.5	60.5	1.25	\$1.80
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Averages⁵	208.1	\$362.39	57.4	17.9	7.5	3.6	60.8	1.27	\$1.78
Standard Deviation⁵	13.4	\$25.06	1.1	1.5	0.4	0.2	0.5	0.01	\$0.04
Maximum⁵	241.6	\$424.37	59.8	21.0	8.1	4.2	62.0	1.30	\$1.87
Minimum⁵	180.7	\$310.35	55.8	15.2	6.9	3.0	59.9	1.24	\$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.)	0.17
DDG (\$ / ton)	70
% Soy Meal (\$ / ton)	165

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 the

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