



2005 Strip Plot Variety Trials

ISU Grain Quality Laboratory

Results: Adair Co. Corn & Soybean Association

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	33A87	230.8	\$400.97		18.0	7.6	3.5	61.1	1.302	\$1.78
Wilson	1732B	225.4	\$393.49		17.7	7.2	3.7	61.0	1.254	\$1.77
Wilson	1842B	224.2	\$384.68		18.8	6.7	3.6	61.3	1.274	\$1.73
Wyffels	W8603	222.4	\$387.70		17.8	6.6	3.6	61.6	1.268	\$1.72
DeKalb	DKC6-18	221.7	\$392.52		16.8	7.2	3.2	61.8	1.282	\$1.73
MRK	04Bt115	220.5	\$383.12		18.0	6.7	3.6	61.4	1.255	\$1.73
4-Star	8680	219.6	\$382.08		17.9	7.5	3.9	60.6	1.253	\$1.81
Pfister	3356	219.6	\$374.85		19.1	6.6	3.5	61.7	1.276	\$1.71
Ottillie	5476	217.6	\$378.15		18.0	6.6	3.6	61.4	1.268	\$1.72
Golden Harvest	H-9190	217.4	\$379.49		17.7	7.1	3.7	61.5	1.284	\$1.77
Pioneer	33D11	216.9	\$396.60		14.7	7.9	3.4	61.1	1.290	\$1.79
DeKalb	DKC64-81	214.0	\$376.50		17.2	7.6	3.1	61.5	1.297	\$1.74
LG	2540	213.5	\$383.91		15.8	6.9	3.6	61.3	1.257	\$1.74
Renze	5425	211.3	\$385.79		14.8	8.2	3.8	60.2	1.272	\$1.85
NK	N70-F1	210.7	\$375.31		16.4	7.4	3.5	61.1	1.267	\$1.77
Garst	8380	208.4	\$362.67		17.9	7.8	3.2	61.4	1.281	\$1.77
4-Star	8662	208.3	\$375.05		15.7	8.3	4.0	60.1	1.268	\$1.88
Producers	7371	207.5	\$375.32		15.4	6.7	3.0	62.4	1.283	\$1.67
FS/Growmark	6735	205.8	\$365.45		16.6	7.9	3.4	61.0	1.306	\$1.79
Golden Harvest	H-9166	205.6	\$363.96		16.8	7.9	3.4	61.2	1.308	\$1.79
Garst	8304	204.9	\$366.69		16.1	6.9	3.2	62.2	1.287	\$1.70
FS/Growmark	6486	203.9	\$362.63		16.5	8.2	3.5	60.2	1.282	\$1.82
Wyffels	W7123	201.6	\$363.07		15.7	8.1	3.8	60.3	1.276	\$1.85
MRK	05Hx113	200.7	\$358.65		16.2	7.8	3.9	60.3	1.265	\$1.83
Ottillie	5334	200.5	\$355.00		16.8	6.5	3.5	62.0	1.264	\$1.71
NK	N70-T9	200.1	\$348.70		17.8	7.0	3.5	61.7	1.286	\$1.74
LG	2640	199.0	\$352.86		16.7	6.8	3.1	62.0	1.266	\$1.69
Producers	7370	198.2	\$360.12		15.1	6.9	3.3	61.8	1.275	\$1.71
Pfister	2750	197.8	\$345.26		17.7	6.5	3.5	62.1	1.266	\$1.71
Renze	6373	196.8	\$358.71		14.9	7.0	3.0	62.2	1.280	\$1.69
Check Variety Information: (average values for check strips)										
Pfister	3356 (check)	220.1	\$385.54		17.5	6.6	3.6	61.6	1.28	\$1.72
Averages⁵		210.8	\$372.98		16.8	7.3	3.5	61.3	1.28	\$1.76
Standard Deviation⁵		9.6	\$14.64		1.2	0.6	0.3	0.6	0.01	\$0.05
Maximum⁵		230.8	\$400.97		19.1	8.3	4.0	62.4	1.31	\$1.88
Minimum⁵		196.8	\$345.26		14.7	6.5	3.0	60.1	1.25	\$1.67
YIELD, PROTEIN, OIL, STARCH, TEST WEIGHT AND DENSITY BASIS 15% MOISTURE.							Ingredient Prices for EPVBF			
VALUE IS GROSS REVENUE PER ACRE MINUS 2.75 CENTS/BU/PT. FOR DRYING.							Corn (\$ / bu.) 1.82			
DENSITY IS A MEASURE OF KERNEL HARDNESS.							White Grease (\$ / lb.) 0.17			
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 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).							DDG (\$ / ton) 70			
							48% Soy Meal (\$ / ton) 165			
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