



2003 Strip Plots

ISU Grain Quality Laboratory

Results: Adair County Corn Association Conventional 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	
Garst	8350	205.4	\$410.94	55.7	17.9	7.2	3.7	60.7	1.24	\$2.02	
Pioneer	33R78	192.2	\$385.52	53.7	17.7	6.6	3.8	60.6	1.29	\$1.97	
Golden Harvest	9430	186.8	\$372.54	54.8	18.1	6.9	3.6	60.7	1.29	\$1.98	
Kaup	97-1163	185.1	\$365.62	56.5	18.8	7.2	4.0	60.2	1.26	\$2.05	
Four Star	5758Bt	183.7	\$372.44	56.5	16.9	7.1	3.6	60.8	1.25	\$2.00	
Stine	9803	183.5	\$374.16	58.4	16.5	7.2	3.4	61.1	1.30	\$1.99	
Wilson	1566B	180.4	\$381.73	55.7	13.7	7.7	3.9	60.7	1.23	\$2.08	
Dekalb	DKC60-16	179.3	\$371.53	55.1	15.3	7.3	3.3	61.3	1.26	\$1.98	
Pioneer	33B51	178.9	\$353.99	54.9	18.7	7.1	4.0	60.3	1.28	\$2.04	
Wilson	1785B	177.0	\$355.97	56.6	17.5	7.4	3.5	60.3	1.26	\$2.01	
Garst	8454	174.7	\$362.81	56.0	15.1	7.8	3.4	60.7	1.25	\$2.04	
Ottillie	RO5334	172.8	\$343.77	54.8	18.3	6.5	3.6	61.0	1.25	\$1.94	
Moews	SM3765	172.0	\$357.78	54.0	15.0	7.7	4.0	60.0	1.28	\$2.10	
Pfister	3977Bt	171.8	\$331.32	56.9	20.5	7.2	4.1	59.7	1.25	\$2.06	
Pioneer	33P67	171.0	\$338.78	53.9	18.6	7.0	3.7	60.5	1.30	\$2.00	
Golden Harvest	9164Bt	169.1	\$334.99	53.9	18.6	7.3	4.1	60.1	1.23	\$2.07	
LG	LG2540Bt	169.0	\$345.85	55.3	16.2	7.2	3.9	60.6	1.25	\$2.04	
LG	LG2617Bt	168.6	\$337.63	53.7	17.8	7.0	3.6	60.6	1.29	\$1.99	
NK	N70-T9	167.6	\$346.72	53.1	15.4	8.0	3.5	60.3	1.28	\$2.07	
Ottillie	RO5267	167.5	\$337.35	55.6	17.4	7.4	3.8	60.5	1.27	\$2.05	
NK	N68-K7	166.7	\$351.23	53.8	14.0	7.8	3.7	60.6	1.25	\$2.07	
Four Star	5758G	166.2	\$333.86	57.2	17.6	7.5	4.0	60.7	1.23	\$2.08	
Moews	SM3677	164.6	\$348.29	52.7	13.7	8.2	3.6	60.4	1.25	\$2.10	
MRK	00Bt111	164.4	\$335.67	54.4	16.4	8.3	3.8	59.5	1.28	\$2.13	
Pfister	2656Bt	163.8	\$338.99	56.1	15.4	7.6	3.8	60.4	1.24	\$2.06	
Dekalb	DKC63-50	158.7	\$320.43	54.6	17.2	7.4	3.5	60.3	1.25	\$2.01	
Stine	9619	144.6	\$303.65	54.8	14.3	7.9	3.8	60.1	1.23	\$2.09	

Check Variety Information: (average values for check strips)

Pioneer	33P67	180.5	\$365.93	59.4	16.9	7.3	3.6	60.4	1.30	\$2.01
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Averages⁵	173.5	\$352.35	55.1	16.8	7.4	3.7	60.5	1.26	\$2.04
Standard Deviation⁵	11.7	\$22.45	1.4	1.8	0.4	0.2	0.4	0.02	\$0.05
Maximum⁵	205.4	\$410.94	58.4	20.5	8.3	4.1	61.3	1.30	\$2.13
Minimum⁵	144.6	\$303.65	52.7	13.7	6.5	3.3	59.5	1.23	\$1.94

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 (\$2.08) 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.)	2.08
White Grease (\$ / lb.)	0.19
DDG (\$ / ton)	95
48% Soy Meal (\$ / ton)	205