



2002 Strip Plots

ISU Grain Quality Laboratory

Results: Adair County 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.)
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Long Term Iowa Averages:					8.0	3.6	60.0	1.27		
Pioneer	33P67 Bt	223.3	\$543.46	59.7	17.4	8.5	3.6	58.8	1.29	\$2.53
Pioneer	32P76	210.1	\$512.05	58.0	17.3	7.8	3.5	59.7	1.28	\$2.48
Wilson	1785 B	203.1	\$501.09	59.0	16.2	8.2	3.6	59.8	1.27	\$2.51
Wilson	1563	198.9	\$499.90	57.5	14.5	7.4	3.7	60.2	1.24	\$2.47
Moews	SM 3677	198.8	\$488.24	58.2	16.6	7.6	3.6	60.3	1.24	\$2.47
LG	2585 G	198.2	\$487.28	58.3	16.5	7.6	3.6	60.3	1.25	\$2.47
Garst	8484	197.8	\$486.35	57.6	16.5	8.3	4.2	58.8	1.26	\$2.56
Cropland	691 Bt	196.8	\$479.65	56.0	17.3	7.7	3.8	59.8	1.23	\$2.49
Stine	9715 Bt	196.4	\$497.57	57.7	13.8	7.2	3.5	60.4	1.27	\$2.44
Golden Harvest	8906	196.3	\$489.64	57.5	15.2	7.3	3.4	60.6	1.26	\$2.44
Renze	8383 Bt	195.3	\$475.87	58.7	17.3	8.2	3.3	59.8	1.27	\$2.49
Hills	1099	194.9	\$496.47	55.8	13.3	7.9	3.7	59.9	1.24	\$2.50
Midwest Genetics	G8122	194.9	\$491.04	56.8	14.3	7.9	3.6	59.7	1.25	\$2.49
LG	2587 G	194.9	\$480.71	59.5	16.2	8.3	3.9	59.1	1.27	\$2.54
Cropland	675	193.5	\$480.67	58.0	15.6	8.0	3.7	59.9	1.26	\$2.51
PSA	7783 IMI	191.2	\$469.58	57.0	16.6	8.4	3.8	59.2	1.24	\$2.54
Golden Harvest	9087	190.1	\$473.26	56.1	15.4	7.5	3.7	60.5	1.23	\$2.47
Ottillie	RO 5267 Bt	188.7	\$458.22	57.8	17.6	7.8	4.0	59.5	1.27	\$2.52
Crows	5360	187.9	\$461.44	58.7	16.6	8.2	3.4	59.8	1.26	\$2.50
Dekalb	DKC61-25	187.7	\$468.27	58.8	15.2	8.8	3.8	58.4	1.28	\$2.57
Hills	1121	187.5	\$468.22	57.9	15.1	7.9	3.5	60.0	1.28	\$2.49
Mark	2113	187.1	\$461.16	57.8	16.3	7.7	3.3	60.2	1.27	\$2.46
NK	N67-T4	186.5	\$460.13	58.0	16.2	7.9	4.0	59.5	1.26	\$2.52
Golden Harvest	9164 Bt	185.5	\$459.79	55.5	15.8	8.3	4.1	59.1	1.24	\$2.56
Midwest Genetics	G8066B	185.0	\$454.34	57.5	16.6	7.3	3.9	60.1	1.26	\$2.47
Renze	6363	184.5	\$467.31	57.7	13.8	7.7	3.7	60.3	1.25	\$2.49
NK	N65-Y3	181.4	\$448.90	57.9	15.9	7.6	3.0	60.4	1.27	\$2.43
Stine	9614 Bt	180.8	\$455.54	57.7	14.3	8.0	3.6	60.0	1.27	\$2.50
Ottillie	RO 5454	179.5	\$444.40	58.8	15.9	8.6	3.9	58.9	1.27	\$2.56
PSA	7733	179.5	\$438.90	57.4	17.0	7.3	3.6	60.4	1.25	\$2.45
Moews	SM 3765	178.1	\$445.65	58.4	14.9	8.5	4.1	58.7	1.27	\$2.57
Crows	5165 B	176.8	\$430.78	57.5	17.3	8.0	4.0	59.6	1.26	\$2.53
Mark	97Bt112	176.2	\$434.20	57.8	16.3	7.8	3.7	59.6	1.26	\$2.49
Garst	8342 Bt	170.5	\$415.41	59.4	17.3	9.5	3.9	57.9	1.28	\$2.62
Golden Harvest	H9221 Bt	154.4	\$381.64	58.1	16.0	8.5	3.6	59.6	1.25	\$2.53

Check Variety Information: (average values for check strips)										
Golden Harvest	9164Bt	186.5	\$456.04	55.4	17.0	7.8	4.0	59.6	1.24	\$2.52

Averages⁵	189.5	\$468.78	57.8	15.9	8.0	3.7	59.7	1.26	\$2.51
Standard Deviation⁵	11.9	\$29.58	1.0	1.2	0.5	0.3	0.6	0.02	\$0.04
Maximum⁵	223.3	\$543.46	59.7	17.6	9.5	4.2	60.6	1.29	\$2.62
Minimum⁵	154.4	\$381.64	55.5	13.3	7.2	3.0	57.9	1.23	\$2.43

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.
VALUE IS A MEASURE OF KERNEL HARDNESS.

Ingredient Prices for EPVBF	
Corn (\$ / bu.)	2.50
White Grease (\$ / lb.)	0.13
DDG (\$ / ton)	100
48% Soy Meal (\$ / ton)	185

¹ Yield is check-adjusted in plots with check strips.
² Value is determined by the current price for corn (\$2.50) 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).