



2003 Strip Plots

ISU Grain Quality Laboratory

Results: Wright 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.)	
				Long Term Iowa Averages:			8.0	3.6	60.0	1.27	
Ag Venture	783CB	203.8	\$403.17	58.6	18.7	7.3	4.0	59.6	1.28	\$2.06	
Curry	4886	185.5	\$365.40	57.1	19.0	7.4	3.5	60.3	1.26	\$2.01	
Hobart	4140	183.6	\$366.79	57.7	18.0	7.3	4.0	60.2	1.26	\$2.06	
Garst	8566YG1	183.0	\$362.54	56.2	18.6	7.2	4.2	60.1	1.25	\$2.07	
Curry	7828	180.9	\$361.26	57.3	18.0	7.2	3.9	60.7	1.25	\$2.04	
Ag Venture	6901CB	179.5	\$357.52	57.7	18.2	7.4	3.8	60.3	1.24	\$2.05	
Cornelius	C590YG	179.4	\$353.87	55.8	18.9	7.4	3.8	60.1	1.24	\$2.05	
Garst	8454YG1	178.9	\$351.94	56.2	19.1	7.3	3.4	60.7	1.26	\$1.99	
Fontanelle	5051	178.8	\$367.55	56.7	15.9	7.2	3.2	61.0	1.26	\$1.96	
NK	N60-B6	178.6	\$360.18	56.0	17.3	6.7	3.7	61.3	1.23	\$1.97	
Fontanelle	7638	178.6	\$368.49	58.1	15.6	8.0	3.1	60.8	1.27	\$2.03	
NK	N65-M7	176.9	\$355.83	57.2	17.5	7.4	3.7	60.3	1.24	\$2.04	
Wyffels	W3813	175.6	\$360.87	57.9	15.9	8.4	3.5	60.4	1.26	\$2.11	
Hobart	4306	173.0	\$349.40	58.9	17.2	7.4	3.8	60.4	1.26	\$2.05	
Middlekoop	3306Bt	172.1	\$344.72	58.3	17.8	6.3	3.0	62.0	1.27	\$1.86	
Dekalb	DKC60-16	171.9	\$342.88	57.8	18.1	7.0	3.3	61.2	1.26	\$1.96	
Middlekoop	3310Bt	170.9	\$339.45	55.5	18.4	7.6	4.0	59.8	1.23	\$2.09	
SOI	103YGCB	169.6	\$352.38	55.8	15.1	7.3	3.5	61.4	1.26	\$2.01	
SOI	9013	167.0	\$351.48	55.8	14.1	7.8	3.6	60.9	1.26	\$2.06	
Dekalb	DKC60-08	165.9	\$339.06	59.0	16.3	7.0	3.5	61.4	1.28	\$1.98	
Cornelius	C443YG	165.1	\$335.78	57.2	16.7	7.6	3.8	60.5	1.25	\$2.06	
Stine	9617	162.3	\$315.65	55.2	19.9	7.6	3.7	59.7	1.24	\$2.05	
Wyffels	W4823	162.0	\$331.54	57.5	16.2	7.8	3.9	60.4	1.24	\$2.09	
Stine	9619Bt	154.2	\$314.88	55.4	16.4	8.4	4.1	59.5	1.27	\$2.17	
Check Variety Information: (average values for check strips)											
Middlekoop	1206	175.7	\$358.98	57.9	16.3	6.8	3.4	61.4	1.27	\$1.94	

Averages⁵	174.9	\$352.19	57.0	17.4	7.4	3.7	60.5	1.26	\$2.03
Standard Deviation⁵	10.0	\$18.38	1.2	1.4	0.5	0.3	0.6	0.01	\$0.06
Maximum⁵	203.8	\$403.17	59.0	19.9	8.4	4.2	62.0	1.28	\$2.17
Minimum⁵	154.2	\$314.88	55.2	14.1	6.3	3.0	59.5	1.23	\$1.86

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 Moistures were provided by NIR Analysis 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