



2002 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	
Middlekoop	1011 Bt	216.7	\$513.24	56.3	19.8	7.3	3.7	60.1	1.22	\$2.46
Dekalb	DKC60-15	213.2	\$491.90	56.6	22.0	6.5	3.3	60.7	1.25	\$2.38
Dekalb	DKC60-08YG	213.1	\$500.49	58.0	20.5	6.7	3.5	60.6	1.27	\$2.41
PSA-Garst	4505Bt	202.6	\$477.62	56.1	20.2	7.5	3.8	59.4	1.23	\$2.48
Great Lakes	6192	202.4	\$468.62	55.6	21.7	7.3	3.7	59.8	1.24	\$2.46
Fontanelle	F5051	198.6	\$471.94	57.0	19.5	7.1	3.2	60.8	1.25	\$2.41
FS	5661Bt	198.4	\$471.49	58.5	19.5	7.6	3.4	60.0	1.26	\$2.46
Great Lakes	5555	198.0	\$466.26	56.6	20.3	7.3	3.5	59.7	1.24	\$2.45
Curry	4815	197.9	\$467.03	57.6	20.1	7.5	3.8	59.5	1.26	\$2.48
Ag Venture	AV743	197.6	\$460.22	56.5	21.2	7.4	3.7	59.6	1.24	\$2.47
Hobart	4140	195.7	\$460.65	57.3	20.3	8.0	3.8	59.3	1.25	\$2.51
Cornelius	C377YG	194.7	\$469.53	59.6	18.2	6.7	3.1	61.0	1.26	\$2.38
Garst	8484BTIT	193.7	\$449.65	55.4	21.5	7.4	4.0	59.1	1.25	\$2.49
Stine	9617	189.1	\$441.58	56.6	21.0	7.3	3.6	59.8	1.27	\$2.45
Ag Venture	AV696	188.0	\$444.08	56.9	20.0	6.8	3.2	60.8	1.25	\$2.39
Garst	8523IT	187.9	\$443.46	58.0	20.1	7.4	3.3	60.0	1.26	\$2.44
Curry	7846Bt	187.6	\$431.38	57.6	22.3	6.8	3.9	59.8	1.26	\$2.44
Fontanelle	F4741	187.6	\$444.67	59.2	19.7	6.7	2.9	61.1	1.27	\$2.36
N-K	51-27	186.6	\$443.98	56.7	19.4	6.5	3.7	60.8	1.26	\$2.41
Middlekoop	1206	184.9	\$442.85	59.0	18.8	6.9	2.8	60.8	1.27	\$2.37
Cornelius	C443	184.4	\$439.29	58.5	19.3	7.8	3.3	59.6	1.27	\$2.46
N-K	N60-N2	184.2	\$427.65	55.0	21.5	7.0	3.4	60.0	1.25	\$2.42
FS	4882	183.2	\$432.69	58.1	20.0	7.4	3.2	60.1	1.27	\$2.43
Stine	9410	180.5	\$430.36	57.8	19.2	7.3	3.1	60.4	1.27	\$2.42
Hobart	4207	180.5	\$426.81	57.1	19.9	7.2	3.5	60.2	1.25	\$2.44
PSA-Garst	4644YG1	177.4	\$403.89	56.9	23.1	7.1	3.7	59.4	1.25	\$2.45
Check Variety Information: (average values for check strips)										
N-K	N58-D1	196.3	\$460.48	57.9	20.6	6.8	3.1	60.9	1.25	\$2.38
Averages⁵		193.2	\$454.67	57.3	20.4	7.2	3.5	60.1	1.25	\$2.43
Standard Deviation⁵		10.5	\$24.91	1.2	1.1	0.4	0.3	0.6	0.01	\$0.04
Maximum⁵		216.7	\$513.24	59.6	23.1	8.0	4.0	61.1	1.27	\$2.51
Minimum⁵		177.4	\$403.89	55.0	18.2	6.5	2.8	59.1	1.22	\$2.36
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.) 2.50			
DENSITY IS A MEASURE OF KERNEL HARDNESS.							White Grease (\$ / lb.) 0.13			
¹ Yield is check-adjusted in plots with check strips.							DDG (\$ / ton) 100			
² Value is determined by the current price for corn (\$2.50) and a drying charge.							48% Soy Meal (\$ / ton) 185			
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).										
Copyright © 1996-2002, Iowa Grain Quality Initiative, Iowa State University, Ames, Iowa. All rights reserved.										