



2002 Strip Plots

ISU Grain Quality Laboratory

Results: Cherokee County Corn Strip Plot

Hybrids are listed in order from highest to lowest yield.

Company	Hybrid	Yield (Bu. / A.)	Value ¹ (\$ / A.)	Test Wt. ² (lb. / Bu.)	Field Moisture ² (%)	Protein (%)	Oil (%)	Starch (%)	Density (g. / cc)	EPVBF ³ (\$ / Bu.)
Long Term Iowa Averages:										
						8.0	3.6	60.0	1.27	
Pioneer	34N44	204.2	\$469.59	57.1	22.3	7.6	3.4	59.5	1.24	\$2.46
Golden Harvest	H8554Bt	201.2	\$458.79	56.5	23.0	7.4	3.6	59.1	1.24	\$2.46
Pioneer	34M95	201.0	\$460.94	56.9	22.5	8.6	3.7	58.2	1.23	\$2.55
ProPartner	LAC237	198.6	\$450.67	53.8	23.4	7.9	4.0	58.3	1.21	\$2.52
Novartis	58-D1	198.3	\$455.97	56.7	22.3	7.9	3.2	59.0	1.23	\$2.46
ProPartner	5210Bt	197.1	\$454.80	55.6	22.0	8.7	4.0	58.4	1.21	\$2.58
Mark	3108	195.4	\$443.83	53.8	23.3	7.7	3.9	59.0	1.21	\$2.50
Novartis	67-T4	194.5	\$434.34	55.5	24.7	7.7	4.0	58.5	1.24	\$2.51
Pioneer	35Y55	194.2	\$451.35	54.2	21.4	8.4	3.8	58.7	1.24	\$2.54
Novartis	65-Y3	192.2	\$430.78	56.1	24.4	8.5	3.2	58.1	1.22	\$2.50
Mark	Ex105	192.1	\$452.18	56.9	20.3	7.5	3.6	59.3	1.26	\$2.47
Golden Harvest	H8223Bt	190.9	\$450.54	55.0	20.1	8.5	3.8	58.6	1.24	\$2.55
ProPartner	7112Bt	190.6	\$414.55	56.1	26.8	7.8	3.7	58.2	1.22	\$2.49
Pioneer	36N71	190.0	\$453.63	57.1	19.1	9.0	3.1	59.2	1.25	\$2.53
Novartis	45-A6	188.9	\$456.56	56.3	18.0	7.9	3.7	59.8	1.24	\$2.50
Mark	1110	186.0	\$412.76	54.7	25.2	8.2	3.7	58.0	1.24	\$2.52
Kruger	9203	184.1	\$441.07	55.5	18.8	8.1	4.0	59.7	1.24	\$2.54
Mycogen	5320	183.7	\$428.49	56.4	21.1	8.7	4.0	57.8	1.25	\$2.58
ProPartner	9210LL	182.5	\$432.64	59.4	19.7	7.8	4.1	58.6	1.29	\$2.52
ProPartner	5902+	182.3	\$438.24	58.4	18.5	7.7	3.5	59.8	1.26	\$2.47
Fontanelle	HC7636Bt	182.2	\$430.49	53.8	20.0	7.9	3.1	59.9	1.26	\$2.46
Kruger	9204-1	181.2	\$427.53	57.6	20.1	7.6	3.5	59.6	1.25	\$2.47
Fontanelle	F4741	179.3	\$421.58	55.0	20.4	8.9	3.7	58.1	1.25	\$2.57
Mark	109	177.5	\$407.72	56.3	22.4	8.6	4.1	57.5	1.25	\$2.58
Stine	9617	177.3	\$394.53	55.9	25.0	8.1	3.8	57.7	1.25	\$2.52
Kruger	9108	177.2	\$405.59	54.4	22.7	7.9	3.5	58.8	1.25	\$2.49
ProPartner	7211Bt	176.9	\$382.96	56.1	27.2	7.7	3.9	58.1	1.23	\$2.50
Fontanelle	4741	176.4	\$414.92	55.2	20.4	9.1	3.8	57.8	1.24	\$2.59
ProPartner	5203LL	172.8	\$414.36	58.7	18.7	9.8	3.4	57.8	1.28	\$2.61
Kruger	9807	170.3	\$397.65	56.5	21.0	8.5	3.9	58.1	1.26	\$2.56
ProPartner	5205	158.8	\$374.81	55.8	20.1	7.9	3.9	58.9	1.25	\$2.52

Averages⁴	186.4	\$431.09	56.0	21.8	8.2	3.7	58.6	1.24	\$2.52
Standard Deviation⁴	10.4	\$24.37	1.4	2.4	0.6	0.3	0.7	0.02	\$0.04
Maximum⁴	204.2	\$469.59	59.4	27.2	9.8	4.1	59.9	1.29	\$2.61
Minimum⁴	158.8	\$374.81	53.8	18.0	7.4	3.1	57.5	1.21	\$2.46

**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.**

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

¹ Value is determined by the current price for corn (\$2.50) and a drying charge.
² Field moisture content and test weight data were provided by the participating plot operator.
³ 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.
⁴ Averages, Standard Deviation, Maximum, and Minimum values were calculated from plot final results.
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