



2002 Strip Plots

ISU Grain Quality Laboratory

Results: Iowa 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	
Pioneer	33P67	225.6	\$462.33	56.1	31.4	6.7	3.1	57.2	1.22	\$2.38
Asgrow	RX708YG	213.1	\$454.70	55.3	28.3	7.2	3.3	58.2	1.21	\$2.42
Croplan	691BT	211.1	\$443.07	54.7	29.6	7.8	3.0	57.8	1.21	\$2.44
Croplan	675	210.4	\$452.04	55.2	27.8	7.1	3.3	58.2	1.22	\$2.42
Asgrow	RX772	209.9	\$439.37	56.7	29.8	6.7	3.0	57.9	1.22	\$2.37
Mycogen	2833	208.8	\$441.70	54.5	29.0	7.1	3.4	58.1	1.22	\$2.43
DeKalb	DKC62-15	208.0	\$434.17	55.8	30.0	8.2	2.9	57.6	1.22	\$2.46
DeKalb	DKC58-78	206.2	\$450.85	55.9	26.4	7.8	3.6	58.2	1.23	\$2.49
Mycogen	2784	202.5	\$430.51	55.4	28.6	7.9	3.7	57.7	1.21	\$2.50
Crows	4905B	202.0	\$427.13	56.5	29.0	7.6	3.0	57.7	1.22	\$2.43
Pioneer	34N44	200.1	\$434.69	56.0	26.9	7.0	3.3	59.0	1.24	\$2.41
Trelay	9300	200.0	\$429.13	54.2	27.9	7.3	3.2	58.6	1.22	\$2.42
Hawkeye	SX49	199.0	\$435.01	56.9	26.4	7.3	3.5	58.9	1.22	\$2.45
Golden Harvest	H9247BT	198.7	\$413.19	54.8	30.3	7.6	3.0	57.3	1.21	\$2.43
Fontanelle	5282	196.5	\$416.13	55.5	28.9	7.1	3.4	58.5	1.22	\$2.43
Hawkeye	5736BT	194.0	\$419.97	57.1	27.2	6.7	3.4	59.1	1.23	\$2.40
Wyffels	6570	193.4	\$429.78	54.5	25.1	6.9	3.8	59.2	1.23	\$2.44
Golden Harvest	H8977BT	192.5	\$401.76	55.8	30.0	9.3	3.3	55.6	1.21	\$2.57
Crows	5360	192.3	\$410.50	55.3	28.3	7.2	3.3	58.6	1.22	\$2.42
Trelay	9012	191.2	\$401.83	55.6	29.5	7.0	3.4	57.9	1.22	\$2.42
Fontanelle	5211	191.1	\$411.49	55.2	27.6	8.4	3.3	56.7	1.22	\$2.50
Wyffels	7630	174.4	\$373.15	54.3	28.1	6.8	3.0	59.5	1.22	\$2.38
Check Variety Information: (average values for check strips)										
Mycogen	7474	203.8	\$427.59	56.7	29.6	7.5	3.4	57.1	1.22	\$2.45
Averages⁵		200.9	\$427.84	55.5	28.5	7.4	3.3	58.1	1.22	\$2.44
Standard Deviation⁵		10.6	\$20.78	0.8	1.5	0.6	0.2	0.9	0.01	\$0.05
Maximum⁵		225.6	\$462.33	57.1	31.4	9.3	3.8	59.5	1.24	\$2.57
Minimum⁵		174.4	\$373.15	54.2	25.1	6.7	2.9	55.6	1.21	\$2.37
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).										
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