



2003 Strip Plots

ISU Grain Quality Laboratory

Results: South O'Brien FFA 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	
SOI	103RRyg	200.4	\$422.94	56.7	13.9	7.1	3.9	61.9	1.26	\$2.03
Pioneer	35Y55	198.1	\$407.12	56.2	15.9	7.3	3.5	62.0	1.25	\$2.01
Midwest	7494BT	193.4	\$391.17	58.5	17.1	7.0	3.6	61.8	1.23	\$1.99
Pioneer	34N44	189.3	\$375.46	57.9	18.5	6.9	2.9	63.3	1.26	\$1.90
SOI	1050RR	188.5	\$390.07	56.6	15.4	7.2	4.0	60.6	1.25	\$2.05
Dekalb	50-18	184.0	\$373.69	59.5	16.8	6.6	3.6	62.3	1.25	\$1.95
Pioneer	34H31	182.3	\$361.14	53.9	18.6	7.3	3.1	62.1	1.29	\$1.96
Dekalb	5880	182.0	\$367.09	55.6	17.3	7.5	3.6	61.8	1.27	\$2.03
SOI	9033	181.9	\$378.40	59.0	15.0	6.5	3.8	62.1	1.24	\$1.96
Pioneer	36B09	177.8	\$351.29	59.0	18.8	7.8	3.3	61.6	1.27	\$2.03
Pioneer	35P12 (1)	177.0	\$368.59	55.0	14.9	7.7	3.5	61.7	1.28	\$2.04
Dekalb	60-17 (2)	175.3	\$355.98	54.5	16.8	7.2	3.4	61.9	1.25	\$1.99
Kruger	9012YG	174.8	\$349.67	55.2	17.9	8.1	3.6	60.8	1.26	\$2.09
Jacobsen	46445YG	173.4	\$331.18	56.6	21.2	7.1	3.6	62.1	1.23	\$2.00
SOI	103YG	171.9	\$349.42	55.4	16.7	7.1	3.8	61.4	1.25	\$2.02
Pioneer	36N71	171.9	\$347.71	57.5	17.1	7.5	3.9	61.7	1.27	\$2.07
Dekalb	60-17 (1)	170.6	\$330.86	55.3	20.1	6.9	3.3	62.8	1.26	\$1.95
Pioneer	35P12 (3)	164.2	\$327.18	57.8	18.2	7.6	3.4	61.7	1.27	\$2.02
Croplan	578RRBT	163.8	\$330.29	55.6	17.3	7.0	3.6	62.1	1.26	\$1.99
Jacobsen	4637	160.2	\$311.17	54.3	20.0	6.8	3.5	62.3	1.24	\$1.96
PSA	7551IMI	159.0	\$305.41	52.5	20.8	7.0	3.9	61.6	1.21	\$2.02
Pioneer	35P12 (2)	158.6	\$316.32	56.8	18.1	7.8	3.6	61.2	1.28	\$2.06
Dekalb	58-78	158.2	\$314.67	54.8	18.3	7.6	3.6	61.4	1.25	\$2.04
NK	58-D1	150.4	\$293.01	54.2	19.8	7.0	3.2	62.7	1.26	\$1.95
NK	50P5	149.2	\$294.66	56.0	18.8	6.7	4.1	61.8	1.27	\$2.01
Kruger	94G10YG	136.3	\$265.44	53.7	19.8	7.3	3.3	62.2	1.24	\$1.98

Averages⁴	172.8	\$346.54	56.1	17.8	7.2	3.6	61.9	1.26	\$2.00
Standard Deviation⁴	15.6	\$37.61	1.8	1.9	0.4	0.3	0.6	0.02	\$0.04
Maximum⁴	200.4	\$422.94	59.5	21.2	8.1	4.1	63.3	1.29	\$2.09
Minimum⁴	136.3	\$265.44	52.5	13.9	6.5	2.9	60.6	1.21	\$1.90

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.)	2.08
White Grease (\$ / lb.)	0.19
DDG (\$ / ton)	95
48% Soy Meal (\$ / ton)	205

¹ Value is determined by the current price for corn (\$2.08) 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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