



2004 Strip Plots

ISU Grain Quality Laboratory

Results: South O'brien FFA Corn 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	38H67	208.8	\$364.54	56.7	17.7	7.7	3.2	61.0	1.28	\$1.77	
Pioneer	34N44	208.5	\$362.33	56.8	18.0	8.3	3.6	60.1	1.27	\$1.84	
Pioneer	35Y67	208.2	\$359.97	57.8	18.3	7.8	3.5	60.9	1.28	\$1.80	
DeKalb	DKC50-20	205.0	\$363.58	57.4	16.7	7.2	3.3	61.6	1.27	\$1.74	
DeKalb	DKC52-47	202.8	\$355.09	56.6	17.5	7.4	3.2	61.4	1.27	\$1.75	
Renze	5235HX1	202.0	\$348.14	54.9	18.5	7.6	4.0	60.9	1.24	\$1.83	
Sands of Iowa	104HX	199.7	\$340.31	57.1	19.2	7.8	3.8	60.6	1.28	\$1.82	
NK Brand	N60-B6	199.7	\$341.51	57.5	19.0	7.3	3.3	61.1	1.27	\$1.75	
DeKalb	DKC58-78	199.3	\$339.65	56.1	19.2	7.9	3.4	60.6	1.27	\$1.80	
Renze	8261YGCB	198.1	\$351.75	56.4	16.6	8.1	3.3	60.4	1.26	\$1.80	
NK Brand	N43-C4	197.1	\$331.04	56.8	20.1	7.4	3.3	61.3	1.30	\$1.75	
NK Brand	N50-P5	196.7	\$338.51	55.9	18.6	7.9	3.6	60.3	1.28	\$1.81	
Midwest Seed	7135RB	195.2	\$329.48	55.2	19.8	8.0	3.2	60.7	1.28	\$1.79	
PSA	7324YG1	194.8	\$335.20	56.4	18.6	7.9	3.4	60.6	1.27	\$1.80	
Wyffels	W3817	193.0	\$335.95	56.7	17.9	7.9	3.3	60.7	1.28	\$1.79	
Sands of Iowa	SOI 9013	189.5	\$331.95	56.6	17.5	7.6	3.3	61.0	1.27	\$1.77	
Renze	8261YGCB	189.1	\$321.73	57.1	19.3	8.4	3.5	60.0	1.29	\$1.84	
Midwest Seed	7597B	188.3	\$325.04	56.9	18.4	8.1	3.5	60.5	1.27	\$1.82	
Fontanelle Hybrid	7636Bt	187.1	\$323.02	56.9	18.4	8.0	3.3	60.7	1.28	\$1.79	
Croplan	503LL	185.6	\$315.93	57.6	19.3	7.9	3.6	60.5	1.29	\$1.81	
Midwest Seed	6W033	185.3	\$320.97	56.8	18.2	8.3	3.5	60.2	1.28	\$1.83	
NK Brand	N46-J7	182.4	\$315.37	55.8	18.3	8.2	3.5	60.3	1.29	\$1.82	
Wyffels	W5547	172.3	\$288.49	57.3	20.3	8.6	3.1	60.5	1.30	\$1.82	
Check Variety Information: (average values for check strips)											
Jacobsen	JS 4513	181.5	\$309.02	57.7	19.3	8.6	3.4	60.4	1.30	\$1.84	
Averages⁵		195.2	\$336.50	56.7	18.5	7.9	3.4	60.7	1.28	\$1.80	
Standard Deviation⁵		9.2	\$18.53	0.7	1.0	0.4	0.2	0.4	0.01	\$0.03	
Maximum⁵		208.8	\$364.54	57.8	20.3	8.6	4.0	61.6	1.30	\$1.84	
Minimum⁵		172.3	\$288.49	54.9	16.6	7.2	3.1	60.0	1.24	\$1.74	

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.)	1.82
White Grease (\$ / lb.)	0.155
DDG (\$ / ton)	100
48% Soy Meal (\$ / ton)	160

¹ Yield is check-adjusted in plots with check strips.
² Value is determined by the current price for corn (\$1.82) and a drying charge.
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).