



2006 Strip Plots

ISU Grain Quality Laboratory

Results: South O'Brien FFA

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	36H54	209.7	\$676.10	56.9	14.5	7.6	3.4	61.1	1.29	\$3.17
Midwest	45502	192.0	\$615.29	56.6	15.2	8.1	3.5	60.6	1.29	\$3.21
Fielders Choice	7650	190.7	\$613.13	57.0	14.8	8.7	3.4	60.3	1.31	\$3.23
Fielders Choice	7650	190.0	\$604.06	58.8	16.1	8.9	3.6	60.0	1.30	\$3.25
Garst	8688 GT	189.6	\$609.02	56.0	14.9	8.1	3.4	60.6	1.30	\$3.20
Pioneer	36W67	188.6	\$594.44	57.0	17.1	8.1	3.7	60.1	1.29	\$3.22
Dekalb	52-40	188.2	\$601.62	56.1	15.5	8.4	3.6	60.3	1.26	\$3.23
Dekalb	4846	185.9	\$604.34	55.6	13.5	8.3	3.4	60.8	1.30	\$3.21
Sands of Iowa	104 Hx/LL	184.3	\$586.89	56.2	15.9	8.7	3.5	60.2	1.32	\$3.23
Dekalb	52-47	182.0	\$584.66	58.0	14.9	7.7	3.5	60.7	1.26	\$3.19
Dekalb	51-39	181.1	\$582.72	57.4	14.7	8.2	3.6	60.7	1.31	\$3.22
Sands of Iowa	EXP 903-6Hx	180.2	\$577.08	56.1	15.3	8.6	3.9	59.7	1.30	\$3.27
Dekalb	53-07	179.6	\$575.41	57.1	15.2	7.9	3.9	60.4	1.31	\$3.23
Fielders Choice	7650	179.2	\$568.37	57.9	16.4	8.8	3.4	60.2	1.31	\$3.23
Pioneer	35Y61	177.9	\$563.26	56.9	16.6	8.5	3.3	60.5	1.31	\$3.21
Sands of Iowa	4045 LL	177.6	\$567.65	56.1	15.5	8.6	3.7	60.0	1.31	\$3.25
Wyffels	W3945	174.4	\$560.30	57.0	14.9	8.3	3.4	60.5	1.30	\$3.21
Dekalb	54-50	173.1	\$555.17	56.0	15.1	8.5	3.5	60.5	1.31	\$3.23
Dekalb	5451	169.6	\$542.96	57.1	15.3	8.6	3.5	60.4	1.31	\$3.23
Garst	8745	165.7	\$535.23	55.8	14.3	8.1	3.6	60.5	1.29	\$3.21
Wyffels	W3865	164.3	\$532.25	57.7	13.9	8.8	4.1	59.4	1.31	\$3.29
Renze	8226 YGCB	164.1	\$520.81	58.3	16.3	8.2	3.5	60.3	1.30	\$3.21
Sands of Iowa	106 Hx/LL	161.1	\$515.96	56.1	15.3	9.0	3.6	59.4	1.29	\$3.26
Renze	8255 YGCB	157.6	\$511.93	54.7	13.6	8.8	3.9	59.8	1.30	\$3.28
Renze	8286	147.2	\$462.79	57.6	17.4	7.9	3.6	60.3	1.29	\$3.21
Midwest	7130 IT	146.2	\$470.49	57.4	14.7	8.4	3.7	60.3	1.29	\$3.24

Averages⁴	176.9	\$566.61	56.8	15.3	8.4	3.6	60.3	1.30	\$3.23
Standard Deviation⁴	14.5	\$46.87	0.9	1.0	0.4	0.2	0.4	0.01	\$0.03
Maximum⁴	209.7	\$676.10	58.8	17.4	9.0	4.1	61.1	1.32	\$3.29
Minimum⁴	146.2	\$462.79	54.7	13.5	7.6	3.3	59.4	1.26	\$3.17

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.)	3.21
White Grease (\$ / lb.)	0.16
DDG (\$ / ton)	85
48% Soy Meal (\$ / ton)	183.6

¹ Value is determined by the current price for corn (\$3.21) 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.