



2006 Strip Plots

ISU Grain Quality Laboratory

Results: HOI - State Center

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	
Dekalb	DKC60-18	210.4	\$659.03	58.0	17.8	6.9	3.3	61.5	1.27	\$3.13	
Syngenta	N67-W5	200.0	\$625.44	57.3	18.0	7.3	3.4	61.0	1.25	\$3.16	
Croplan	579Hx/LL	198.8	\$625.70	57.9	17.3	8.0	3.3	60.6	1.27	\$3.18	
Syngenta	N68-B8	197.9	\$620.50	55.5	17.7	7.1	3.4	60.7	1.24	\$3.15	
Pioneer	34A18	196.0	\$613.50	59.2	17.9	7.7	3.1	61.4	1.32	\$3.15	
Syngenta	N70-C7	193.3	\$597.76	55.2	19.3	7.7	3.7	59.9	1.27	\$3.20	
Dekalb	DKC55-82	191.1	\$609.78	58.1	15.7	7.7	3.6	60.8	1.28	\$3.20	
Dekalb	DKC58-19	187.8	\$596.70	56.0	16.2	6.8	3.4	61.4	1.25	\$3.13	
Pioneer	35A30	186.5	\$589.34	58.0	16.8	7.4	3.3	61.5	1.28	\$3.15	
Syngenta	N51-V9	181.9	\$580.93	56.3	15.6	7.5	3.5	61.2	1.29	\$3.18	
Syngenta	N51-T8	180.6	\$578.70	57.2	15.2	7.9	3.4	61.3	1.27	\$3.19	
Syngenta SC1	N60-B6 Chec	180.4	\$567.61	54.7	17.3	7.0	3.4	61.2	1.24	\$3.14	
Croplan	4801RR2	179.6	\$576.39	56.5	15.0	7.5	3.3	61.5	1.27	\$3.16	
Syngenta	N71-L7	175.9	\$548.13	55.9	18.4	6.9	3.0	62.3	1.30	\$3.10	
Syngenta SC10	N60-B6 Chec	175.4	\$551.97	53.1	17.3	6.9	3.4	61.4	1.22	\$3.14	
Dekalb	DKC52-40	175.2	\$562.33	55.8	15.0	7.0	3.4	60.3	1.20	\$3.14	
Syngenta SC19	N60-B6 Chec	170.5	\$531.77	53.5	18.3	7.1	3.4	61.2	1.24	\$3.15	
Syngenta SC12	N60-B6 Chec	166.1	\$520.79	53.4	17.7	7.2	3.5	61.1	1.22	\$3.16	
Croplan	663RR2/Bt	157.7	\$488.44	55.1	19.1	8.1	3.5	60.9	1.28	\$3.21	
Averages⁴		184.5	\$581.31	56.1	17.1	7.4	3.4	61.1	1.26	\$3.16	
Standard Deviation⁴		13.2	\$41.63	1.7	1.3	0.4	0.2	0.5	0.03	\$0.03	
Maximum⁴		210.4	\$659.03	59.2	19.3	8.1	3.7	62.3	1.32	\$3.21	
Minimum⁴		157.7	\$488.44	53.1	15.0	6.8	3.0	59.9	1.20	\$3.10	

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.