



2005 Strip Plot Variety Trials

ISU Grain Quality Laboratory

Results: Okoboji 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	38H66	103.3	\$187.24	57.1	15.3	9.3	3.3	60.0	1.30	\$1.88	
Pioneer	38B84	96.4	\$176.48	56.9	14.6	9.9	3.0	59.6	1.29	\$1.90	
Averages⁴		99.9	\$181.86	57.0	15.0	9.6	3.2	59.8	1.30	\$1.89	
Standard Deviation⁴		4.9	\$7.61	0.1	0.5	0.4	0.2	0.3	0.01	\$0.01	
Maximum⁴		103.3	\$187.24	57.1	15.3	9.9	3.3	60.0	1.30	\$1.90	
Minimum⁴		96.4	\$176.48	56.9	14.6	9.3	3.0	59.6	1.29	\$1.88	
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.											
DENSITY IS A MEASURE OF KERNEL HARDNESS.							Corn (\$ / bu.) 1.82				
¹ Value is determined by the current price for corn (\$1.82) and a drying charge.							White Grease (\$ / lb.) 0.17				
² Field moisture content and test weight data were provided by the participating plot operator.							DDG (\$ / ton) 70				
³ EPVBF is the Estimated Processed Value per Bushel to be used for Feed. It is determined by grain quality							48% Soy Meal (\$ / ton) 165				
⁴ Averages, Standard Deviation, Maximum, and Minimum values were calculated from plot final results.											
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