



2004 Strip Plots

ISU Grain Quality Laboratory

Results: Le Mars FFA Corn 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	
NK	60B6	213.8	\$378.00	56.5	16.9	7.5	3.9	60.3	1.27	\$1.81
NK	67-T4	213.8	\$364.48	58.1	19.2	7.9	3.9	60.0	1.28	\$1.84
Croplan	691Bt	211.9	\$364.05	55.6	18.7	7.8	3.6	60.3	1.26	\$1.81
Pioneer	34N42	200.8	\$345.62	60.0	18.6	8.5	3.6	60.4	1.31	\$1.85
NK	50P5	194.8	\$345.98	57.2	16.6	8.8	3.8	59.6	1.29	\$1.89
Mycogen	2K85	183.8	\$309.31	57.2	20.0	8.5	3.8	59.0	1.28	\$1.87
Garst	8409	183.4	\$311.02	58.4	19.5	8.0	3.6	60.0	1.29	\$1.82
PSA	7585	181.8	\$316.41	58.8	17.9	9.2	4.3	58.6	1.29	\$1.96
Averages⁴		198.0	\$341.86	57.7	18.4	8.3	3.8	59.8	1.28	\$1.86
Standard Deviation⁴		14.1	\$26.73	1.4	1.2	0.6	0.2	0.7	0.02	\$0.05
Maximum⁴		213.8	\$378.00	60.0	20.0	9.2	4.3	60.4	1.31	\$1.96
Minimum⁴		181.8	\$309.31	55.6	16.6	7.5	3.6	58.6	1.26	\$1.81

**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 Value is determined by the current price for corn (\$1.82) 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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