



2002 Strip Plots

ISU Grain Quality Laboratory

Results: Butler County FFA Corn Strip 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	
Garst	8590	153.7	\$380.13	56.3	16.0	8.1	4.2	59.2	1.28	\$2.55
Garst	8550	153.2	\$377.51	57.3	16.3	8.4	3.9	59.4	1.29	\$2.55
Dekalb	53-32	151.4	\$380.14	55.9	14.6	8.1	3.8	60.0	1.27	\$2.52
Wyffels	5541	146.3	\$366.96	58.9	14.7	9.2	3.8	58.8	1.28	\$2.59
Dekalb	537	144.8	\$364.50	58.9	14.4	8.5	3.8	59.6	1.28	\$2.55
Golden Harvest	8250	142.7	\$356.32	59.0	15.1	8.4	4.1	59.7	1.29	\$2.56
Wyffels	5540	138.1	\$345.68	60.0	14.9	9.0	3.9	59.2	1.29	\$2.59
Golden Harvest	8350	133.6	\$337.78	58.8	14.0	8.5	4.2	59.6	1.29	\$2.58

Averages⁴	145.5	\$363.63	58.1	15.0	8.5	4.0	59.4	1.28	\$2.56
Standard Deviation⁴	7.2	\$16.00	1.5	0.8	0.4	0.2	0.4	0.01	\$0.02
Maximum⁴	153.7	\$380.14	60.0	16.3	9.2	4.2	60.0	1.29	\$2.59
Minimum⁴	133.6	\$337.78	55.9	14.0	8.1	3.8	58.8	1.27	\$2.52

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.)	2.50
White Grease (\$ / lb.)	0.13
DDG (\$ / ton)	100
48% Soy Meal (\$ / ton)	185

¹ Value is determined by the current price for corn (\$2.50) 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.