



2003 Strip Plots

ISU Grain Quality Laboratory

Results: LeMars 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	
Croplan	501 BT	169.9	\$368.39	56.2	11.8	8.6	3.6	60.3	1.28	\$2.13	
Croplan	678 BT	162.7	\$339.21	59.0	14.8	8.2	4.1	58.9	1.29	\$2.15	
Dekalb	60-09	158.8	\$335.19	58.7	13.9	8.3	3.6	60.2	1.29	\$2.11	
Dekalb	52-47	155.3	\$336.32	57.2	11.9	9.2	3.4	59.7	1.28	\$2.17	
Pioneer	34B62	154.7	\$312.39	61.6	17.2	8.6	3.3	59.5	1.30	\$2.10	
Trislers	5544Bt	146.8	\$303.00	56.2	15.6	8.8	3.8	59.1	1.27	\$2.17	
Dekalb	60-19	143.4	\$297.09	58.1	15.3	8.1	3.2	60.5	1.28	\$2.05	
Pfister	2296	139.7	\$297.11	57.6	13.3	9.0	3.6	59.5	1.27	\$2.17	
Croplan	671 BT	137.9	\$278.94	57.5	17.1	8.4	3.8	59.0	1.27	\$2.14	
Crow's	7290	135.7	\$286.40	60.7	13.9	8.5	3.5	60.0	1.30	\$2.12	
PSA	9613	134.3	\$264.58	58.0	19.0	8.5	3.9	58.4	1.26	\$2.16	
Garst	8487	127.9	\$258.21	57.6	17.2	8.5	3.7	58.9	1.27	\$2.14	
Four Star	6572BT	123.3	\$248.94	56.6	17.2	8.8	3.9	58.9	1.27	\$2.19	
Mycogen	Atlas	122.4	\$258.29	54.7	13.9	8.8	3.7	59.8	1.24	\$2.16	
Four Star	6570	118.3	\$251.28	56.6	13.4	8.6	3.4	59.9	1.28	\$2.11	
Pfister	2656	116.1	\$237.25	56.3	16.3	8.9	3.7	59.2	1.27	\$2.17	
Averages⁴		140.5	\$292.04	57.7	15.1	8.6	3.6	59.5	1.28	\$2.14	
Standard Deviation⁴		16.5	\$38.49	1.7	2.1	0.3	0.2	0.6	0.02	\$0.04	
Maximum⁴		169.9	\$368.39	61.6	19.0	9.2	4.1	60.5	1.30	\$2.19	
Minimum⁴		116.1	\$237.25	54.7	11.8	8.1	3.2	58.4	1.24	\$2.05	

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.

¹ Value is determined by the current price for corn (\$2.08) 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.

Ingredient Prices for EPVBF

Corn (\$ / bu.)	2.08
White Grease (\$ / lb.)	0.19
DDG (\$ / ton)	95
48% Soy Meal (\$ / ton)	205