



2001 Strip Plots

ISU Grain Quality Laboratory

Results: Cass County Corn Strip Plots

Hybrids are listed in order from highest to lowest yield.

Company	Hybrid	Yield ¹ (Bu. / A.)	Value ² (\$ / A.)	Test Wt. ³ (lb. / Bu.)	Field Moisture ³ (%)	Protein (%)	Oil (%)	Starch (%)	Density (g. / cc)	EPVBF ⁴ (\$ / Bu.)
Long Term Iowa Averages:						8.0	3.6	60.0	1.27	
Crows	5360	187.7	\$321.13	57.2	15.7	8.3	3.3	59.2	1.27	\$1.82
Wyffels	7630	184.8	\$312.54	57.5	17.0	7.9	3.3	59.5	1.27	\$1.80
Pioneer	33P67	184.1	\$334.13	59.6	17.4	8.7	3.7	58.0	1.31	\$1.88
Wilson	1563	183.9	\$314.52	56.6	15.3	8.7	3.7	58.5	1.27	\$1.88
L.G. Seeds	2587	179.9	\$309.20	58.1	15.2	8.9	3.9	58.1	1.28	\$1.91
Fontanelle	5591	177.8	\$301.07	58.5	16.9	8.5	3.9	58.1	1.28	\$1.88
Midwest Genetics	8122	177.4	\$302.31	58.7	17.8	8.2	3.3	59.0	1.28	\$1.82
Kruger	9912	175.8	\$310.14	59.4	16.4	9.2	3.9	57.9	1.29	\$1.92
Croplan	743	175.4	\$311.40	57.2	15.6	8.8	3.9	58.1	1.28	\$1.90
Croplan	678	174.9	\$314.72	60.0	14.8	9.0	3.8	58.0	1.29	\$1.90
Hoegemeyer	2679	174.2	\$296.14	57.9	18.6	9.1	3.9	57.8	1.28	\$1.92
Wyffels	730	173.9	\$297.73	58.3	16.3	9.1	4.0	57.9	1.29	\$1.93
Wilson	1752	173.9	\$290.47	57.5	16.8	7.8	3.5	59.2	1.28	\$1.81
Mycogen	2833	173.8	\$291.33	58.7	17.6	8.1	4.1	58.4	1.28	\$1.88
Hoegemeyer	2649	173.2	\$308.85	59.1	15.4	9.2	4.0	58.1	1.28	\$1.93
Curry	7846	172.5	\$289.98	58.5	17.0	8.3	4.1	58.7	1.27	\$1.89
L.G. Seeds	2637	170.4	\$285.52	60.5	17.0	8.9	3.7	57.9	1.29	\$1.89
Fontanelle	5301	170.0	\$282.78	57.7	17.7	8.0	3.7	59.0	1.27	\$1.84
Sucroscro	9909B	168.9	\$287.97	56.6	15.2	8.4	3.8	59.1	1.25	\$1.87
Garst	8342	166.7	\$292.74	58.5	16.8	10.1	3.8	56.6	1.29	\$1.97
Pfister	2550	166.2	\$301.05	58.3	16.3	9.1	3.9	57.6	1.29	\$1.92
Pioneer	34B24	165.2	\$305.35	60.5	16.8	9.3	3.2	58.3	1.30	\$1.87
Kruger	9014Bt	165.2	\$328.18	59.4	16.5	6.9	3.7	59.7	1.28	\$1.77
Garst	8484	165.0	\$278.52	57.6	17.4	8.5	3.7	58.1	1.28	\$1.87
Curry	4898	164.1	\$335.45	58.8	16.1	8.5	3.9	58.6	1.28	\$1.88
Sucroscro	X92217	163.5	\$323.41	61.0	14.8	8.9	3.9	58.1	1.29	\$1.91
Golden Harvest	9164	162.8	\$288.33	56.6	17.4	8.6	4.0	58.1	1.26	\$1.90
Midwest Genetics	7714	162.4	\$296.92	58.7	17.9	7.8	3.6	58.9	1.29	\$1.82
Cargill	7474	161.8	\$292.97	60.3	16.0	9.4	4.1	57.3	1.29	\$1.95
Ottillie	4999	160.9	\$274.11	57.9	16.6	8.1	3.2	59.5	1.28	\$1.80
Cargill	6912	158.3	\$279.77	59.6	17.2	8.9	3.6	58.4	1.29	\$1.88
Ottillie	5222	158.2	\$270.96	58.4	16.7	8.7	3.4	58.8	1.28	\$1.85
Stine	9803	157.6	\$277.57	60.3	16.2	8.3	3.4	58.9	1.29	\$1.83
Stine	9614Bt	157.3	\$291.19	57.5	17.1	7.8	3.5	59.3	1.29	\$1.81
Mycogen	2784	155.7	\$312.08	58.3	16.0	8.8	3.9	58.2	1.28	\$1.90
Novartis	67-T4	153.9	\$300.80	58.3	16.3	7.9	3.5	58.8	1.29	\$1.82
Crows	4150B	150.8	\$275.70	56.8	18.3	8.3	3.5	58.3	1.27	\$1.84
Pfister	2680	150.6	\$301.16	58.9	18.4	8.0	3.7	58.7	1.28	\$1.84
Golden Harvest	9221	146.9	\$267.31	58.0	15.0	8.6	3.3	59.2	1.26	\$1.84
Novartis	X4529	143.5	\$274.97	57.0	14.8	8.1	3.1	59.6	1.27	\$1.79
Check Variety Information: (average values for check strips)										
Pioneer	32R42	174.5	\$310.68	59.5	16.8	8.6	3.5	58.7	1.28	\$1.86
Averages⁵		167.2	\$298.26	58.4	16.6	8.5	3.7	58.5	1.28	\$1.87
Standard Deviation⁵		10.7	\$17.31	1.2	1.0	0.6	0.3	0.7	0.01	\$0.05
Maximum⁵		187.7	\$335.45	61.0	18.6	10.1	4.1	59.7	1.31	\$1.97
Minimum⁵		143.5	\$267.31	56.6	14.8	6.9	3.1	56.6	1.25	\$1.77

**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 Yield is check-adjusted in plots with check strips.
² Value is determined by the current price for corn (\$1.83) and a drying charge.
³ Reported moisture content and test weight data were provided by the participating plot operator.
⁴ 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.
⁵ Averages, Standard Deviation, Maximum, and Minimum values were calculated from plot final results, not including check strips (where applicable).

Ingredient Prices for EPVBF

Corn (\$ / bu.)	1.83
White Grease (\$ / lb.)	0.15
DDG (\$ / ton)	101
48% Soy Meal (\$ / ton)	148