



2000 Strip Plots

ISU Grain Quality Laboratory

Results Cass County Corn Growers Corn Test Plot

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										
Pioneer	32R42	171.8	\$216.21	62.4	16.5	8.4	3.5	60.4	1.28	1.32
Golden Harvest	9221Bt	169.1	\$220.81	60.0	14.8	8.0	3.4	60.5	1.25	1.29
Croplan	733bt	167.8	\$223.28	60.2	13.9	7.8	3.7	61.0	1.27	1.29
Mycogen	2833	166.7	\$214.41	58.1	15.5	7.1	3.9	60.9	1.27	1.25
DeKalb	589Bt	158.7	\$210.29	57.8	14.1	7.4	3.7	61.4	1.26	1.26
Curry	7846	157.9	\$207.82	59.9	14.4	7.6	3.7	60.8	1.27	1.28
Hoegemeyer	2649	157.3	\$209.25	59.7	13.9	7.8	3.8	60.6	1.28	1.29
Pioneer	34B24	156.9	\$203.55	62.0	15.1	7.8	3.1	61.0	1.28	1.26
Crows	5140	153.9	\$204.75	62.7	13.9	8.2	4.0	59.9	1.29	1.33
United Supply	1120	153.8	\$199.08	59.1	15.2	7.6	3.6	60.8	1.26	1.27
Golden Harvest	9403	152.9	\$197.56	58.1	15.3	7.9	3.7	60.5	1.25	1.30
novartis	7070Bt	151.8	\$203.96	57.6	13.4	7.6	3.5	61.9	1.26	1.27
Cargill	6912	148.5	\$195.93	59.8	14.3	8.3	3.5	60.6	1.29	1.32
Cargill	7821	147.6	\$177.30	61.9	18.6	7.5	3.4	59.6	1.26	1.26
Garst	8342	146.1	\$189.14	60.1	15.2	8.4	3.7	60.2	1.28	1.33
Wilson	1664	143.3	\$194.95	59.5	12.8	7.7	3.8	61.4	1.28	1.29
Crows	497bt	142.3	\$190.11	60.7	13.7	7.6	3.5	61.4	1.29	1.27
Mycogen	2767	141.6	\$181.33	58.2	15.7	7.7	3.6	61.3	1.27	1.28
Novartis	N67T4	141.4	\$191.53	60.5	13.0	7.6	3.6	61.6	1.28	1.27
Pfister	2680Bt	141.3	\$185.64	59.9	14.5	8.0	3.5	60.7	1.29	1.30
Fontanelle	7747BT	141.1	\$189.24	59.6	13.5	7.2	3.8	61.8	1.27	1.25
Pfister	3028	139.9	\$190.34	57.5	12.8	6.9	4.1	62.2	1.24	1.24
Hoegemeyer	2659	139.3	\$181.85	61.0	14.8	8.3	4.1	60.0	1.29	1.34
Croplan	661	138.6	\$186.23	58.6	13.4	7.6	3.6	61.6	1.27	1.27
DeKalb	611	137.2	\$185.50	59.5	13.1	8.3	4.1	60.4	1.28	1.34
Curry	2188	134.8	\$182.64	59.5	13.0	7.0	3.8	62.0	1.26	1.24
Wilson	1580	134.0	\$178.26	61.7	13.9	8.3	4.0	60.1	1.29	1.34
United Supply	1129bt	133.6	\$180.63	58.5	13.1	8.4	3.8	60.6	1.26	1.34
Garst	8550	125.0	\$168.32	59.6	13.3	7.6	3.9	61.3	1.27	1.29
Fontanelle	4997	121.9	\$164.82	60.5	13.1	8.1	4.0	61.0	1.30	1.32
Check Variety Information: (average values for check strips)										
Mycogen	2799	163.4	\$211.72	59.9	15.1	7.8	3.9	60.5	1.27	1.30
Averages⁵										
		147.2	\$194.16	59.8	14.3	7.8	3.7	60.9	1.27	1.29
Standard Deviation⁵										
		12.6	\$14.93	1.4	1.3	0.4	0.2	0.7	0.014	0.03
Maximum⁵										
		171.8	\$223.28	62.7	18.6	8.4	4.1	62.2	1.30	1.34
Minimum⁵										
		121.9	\$164.82	57.5	12.8	6.9	3.1	59.6	1.24	1.24
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 (\$1.30) 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.) 1.30 White Grease (\$ / lb.) 0.08 DDG (\$ / ton) 88 48% Soy Meal (\$ / ton) 147.5				
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