



2000 Strip Plots

ISU Grain Quality Laboratory

Results Adair County Corn and Soybean Association 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	
Golden Harvest	9230 Bt	167.7	\$217.52	57.0	15.1	8.0	3.2	60.8	1.27	1.28
Pioneer	33P67 Bt	166.3	\$204.31	61.2	17.6	9.1	3.6	58.4	1.29	1.38
Pioneer	34B24 Bt	166.0	\$213.46	60.1	15.5	9.2	3.1	59.3	1.27	1.36
Garst	8464	164.6	\$209.45	58.8	16.0	7.8	3.7	59.9	1.25	1.29
Golden Harvest	9533 Bt	162.3	\$199.79	57.6	17.5	8.4	3.5	59.5	1.24	1.32
Hoegemeyer	2649	162.3	\$210.93	58.5	15.0	8.7	3.6	59.7	1.26	1.35
Stine	9614 Bt	159.8	\$198.07	60.1	17.2	8.6	3.2	59.4	1.29	1.32
PSA	7727	156.6	\$202.26	58.6	15.3	8.3	3.4	60.5	1.26	1.31
Hoegemeyer	2659	156.5	\$202.57	59.1	15.2	8.5	3.7	59.6	1.28	1.34
Renze	6386	156.2	\$205.15	56.9	14.5	7.9	3.3	60.8	1.26	1.28
Hills	HSX 1116	153.4	\$203.63	58.3	14.0	8.1	3.5	60.1	1.26	1.30
Hills	HSX 1099	153.2	\$199.17	58.0	15.0	8.8	3.5	59.4	1.24	1.35
Wilson	1664	152.8	\$200.36	57.9	14.6	7.9	3.4	60.6	1.27	1.28
NK	N67-T4	152.5	\$197.05	57.6	15.3	8.3	3.6	60.1	1.27	1.32
NK	N7070 Bt	151.8	\$196.12	57.1	15.3	8.1	3.2	60.5	1.26	1.29
LG/Callahan	7761 Bt	151.5	\$192.43	59.3	16.1	8.3	3.2	60.1	1.27	1.30
PSA	4727 Bt	151.2	\$193.61	59.2	15.7	8.1	3.4	60.1	1.27	1.30
Renze	8381	149.3	\$190.35	57.7	15.9	8.3	3.2	60.2	1.27	1.30
Garst	8481	143.3	\$178.86	60.0	16.9	9.2	3.3	58.7	1.28	1.37
Wilson	1580	142.2	\$188.76	59.8	14.0	8.6	3.4	59.9	1.29	1.33
LG/Callahan	LG2583	138.2	\$183.88	57.7	13.9	8.6	3.4	60.2	1.24	1.33
PSA	7678	136.2	\$176.28	60.1	15.2	8.8	3.4	59.8	1.26	1.35
Check Variety Information: (average values for check strips)										
PSA	7727	152.9	\$198.44	58.0	15.0	8.2	3.4	60.2	1.27	1.31
Averages⁵										
		154.3	\$198.36	58.6	15.5	8.4	3.4	59.9	1.27	1.32
Standard Deviation⁵										
		8.8	\$10.52	1.2	1.1	0.4	0.2	0.6	0.015	0.03
Maximum⁵										
		167.7	\$217.52	61.2	17.6	9.2	3.7	60.8	1.29	1.38
Minimum⁵										
		136.2	\$176.28	56.9	13.9	7.8	3.1	58.4	1.24	1.28
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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