



2004 Strip Plots

ISU Grain Quality Laboratory

Results: Adair County Corn & Soybean Association Roundup Ready Corn 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	
MRK	RR00 Bt 112	226.5	\$376.14	58.0	20.8	6.7	3.2	60.8	1.29	\$1.70	
Wyffels	W7637	225.6	\$386.41	57.5	18.9	6.6	3.3	61.2	1.29	\$1.70	
Wilson	8127 RB	223.2	\$370.08	58.5	20.9	7.2	4.0	60.8	1.27	\$1.80	
Dekalb	DKC61-45	221.4	\$371.90	58.3	20.1	7.7	3.4	60.1	1.30	\$1.78	
Garst	8352	221.0	\$371.18	58.3	20.1	7.2	3.4	60.3	1.29	\$1.75	
Golden Harvest	9250	218.5	\$364.71	57.9	20.5	6.7	3.5	60.5	1.30	\$1.72	
Wilson	7806 RB	216.4	\$374.75	58.8	18.2	7.1	3.6	60.4	1.28	\$1.76	
4-Star	6573 RR Bt	215.1	\$359.51	58.4	20.4	6.8	3.6	61.1	1.29	\$1.74	
Pfister	2656 RR Bt	213.9	\$363.39	57.1	19.4	6.8	3.7	60.8	1.27	\$1.75	
Ottillie	5217	210.2	\$351.29	58.9	20.4	7.0	3.5	61.0	1.31	\$1.74	
Stine	9803	210.0	\$344.73	59.1	21.5	7.2	3.5	61.1	1.32	\$1.76	
Renze	2364 YG/RW/RR	207.8	\$356.53	57.0	18.8	6.8	3.8	60.4	1.30	\$1.76	
AgriGold	A6395	207.0	\$352.30	57.1	19.3	6.8	3.5	60.9	1.27	\$1.73	
LG	2585	205.5	\$353.69	56.9	18.6	7.1	4.0	60.7	1.27	\$1.79	
Garst	8487	203.9	\$343.58	57.7	19.9	7.1	3.6	60.3	1.29	\$1.76	
AgriGold	A6490	201.2	\$340.75	59.2	19.6	7.8	4.1	59.9	1.30	\$1.85	
Pioneer	34B20	201.1	\$352.74	59.6	17.4	7.1	3.3	61.1	1.30	\$1.73	
LG	2587	199.0	\$343.55	58.9	18.4	7.6	4.2	59.8	1.29	\$1.85	
Golden Harvest	9494	198.4	\$324.60	58.7	21.7	8.0	3.8	59.7	1.29	\$1.84	
Pfister	2550 RR Bt	197.6	\$342.83	60.8	18.1	7.6	3.9	60.0	1.30	\$1.82	
Pioneer	34M91	194.8	\$335.25	59.4	18.6	8.3	3.7	59.7	1.30	\$1.85	
Golden Harvest	9064	194.3	\$323.64	57.4	20.6	7.2	4.2	60.0	1.28	\$1.82	
Ottillie	5009	193.7	\$335.46	57.3	18.2	7.1	3.6	60.8	1.27	\$1.76	
Asgrow	RX 718	193.0	\$345.44	59.8	16.1	7.1	3.6	60.8	1.29	\$1.76	
MRK	RR00 Bt 111	189.4	\$330.63	59.7	17.7	7.8	3.7	60.5	1.30	\$1.82	
Wyffels	W7567	188.1	\$327.36	58.7	17.9	8.0	3.6	59.8	1.31	\$1.82	
Stine	9509	178.0	\$313.25	61.1	17.2	7.2	3.4	61.3	1.31	\$1.75	
Check Variety Information: (average values for check strips)											
Golden Harvest	9250	220.5	\$373.59	57.9	19.6	6.7	3.5	60.9	1.29	\$1.72	
Averages⁵		205.7	\$350.21	58.5	19.2	7.2	3.7	60.5	1.29	\$1.77	
Standard Deviation⁵		12.7	\$18.38	1.1	1.4	0.5	0.3	0.5	0.01	\$0.05	
Maximum⁵		226.5	\$386.41	61.1	21.7	8.3	4.2	61.3	1.32	\$1.85	
Minimum⁵		178.0	\$313.25	56.9	16.1	6.6	3.2	59.7	1.27	\$1.70	

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 (\$1.82) and a drying charge.
³ Field 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.)	1.82
White Grease (\$ / lb.)	0.155
DDG (\$ / ton)	100
48% Soy Meal (\$ / ton)	160