



2005 Strip Plot Variety Trials

ISU Grain Quality Laboratory

Results: Adair County Corn & Soybean Association: RR 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
Renze	7363	257.7	\$468.23	58.5	15.1	6.9	3.6	61.2	1.27	\$1.74	
DeKalb	DKC61-45	221.1	\$405.35	59.4	14.5	7.3	3.4	60.9	1.29	\$1.75	
4-Star	9503	209.5	\$381.89	59.4	14.9	6.9	3.6	61.3	1.26	\$1.74	
Pioneer	33R76	205.0	\$365.69	59.3	16.3	6.6	3.6	61.2	1.28	\$1.72	
MRK	RR04Bt115	204.5	\$361.59	59.0	16.9	6.6	3.5	61.3	1.28	\$1.71	
Producers	7373	203.5	\$374.81	58.3	14.2	7.3	3.5	60.9	1.28	\$1.76	
Producers	6772	202.5	\$368.02	58.3	15.1	6.9	3.8	61.1	1.26	\$1.76	
Pfister	3356	202.4	\$356.65	58.3	17.1	6.8	3.8	60.8	1.27	\$1.76	
Wilson	8S214	201.5	\$356.21	58.5	16.9	6.6	3.6	61.2	1.28	\$1.72	
Wyffels	W8607	200.3	\$353.46	59.5	17.0	6.5	3.5	61.4	1.28	\$1.71	
Ottilie	5477	199.8	\$364.17	58.2	14.9	7.2	3.4	61.1	1.27	\$1.74	
Golden Harvest	H-9250	199.7	\$353.52	59.3	16.8	6.8	3.4	61.3	1.28	\$1.72	
Wilson	7S322	199.1	\$353.63	59.4	16.6	6.7	3.3	61.7	1.28	\$1.70	
Pfister	3356T	198.9	\$349.91	59.1	17.2	6.7	3.4	61.5	1.28	\$1.71	
Garst	8287RR	197.2	\$352.91	58.8	16.1	7.4	3.5	61.5	1.29	\$1.77	
Renze	1454	197.2	\$356.22	59.1	15.5	6.8	3.4	61.4	1.27	\$1.72	
DeKalb	DKC63-62	196.1	\$358.03	59.0	14.8	6.5	3.3	61.9	1.27	\$1.69	
LG	2619	195.7	\$355.03	59.1	15.2	6.5	3.3	62.0	1.28	\$1.69	
Ottilie	5188	195.2	\$354.77	58.0	15.1	7.2	3.4	61.4	1.27	\$1.74	
Wyffels	W7637	194.7	\$352.81	59.1	15.3	6.5	3.3	62.0	1.27	\$1.69	
MRK	RR02Bt112	194.4	\$352.81	60.1	15.2	6.4	3.3	62.0	1.28	\$1.68	
Pioneer	35Y62	193.5	\$356.49	58.8	14.2	8.0	3.4	60.9	1.29	\$1.80	
Garst	8451RR	191.2	\$351.12	59.7	14.4	7.7	3.6	60.9	1.29	\$1.80	
MRK	RR02Bt110	188.8	\$336.79	60.3	16.3	6.7	3.4	61.2	1.28	\$1.71	
LG	2540	184.6	\$343.61	59.1	13.5	8.0	3.6	60.7	1.29	\$1.82	
MRK (check)	RR02Bt112	201.1	\$356.85	59.5	16.6	6.7	3.5	61.3	1.28	\$1.72	

Averages⁵	201.4	\$363.35	59.0	15.6	6.9	3.5	61.3	1.28	\$1.73
Standard Deviation⁵	13.7	\$25.56	0.6	1.1	0.5	0.1	0.4	0.01	\$0.04
Maximum⁵	257.7	\$468.23	60.3	17.2	8.0	3.8	62.0	1.29	\$1.82
Minimum⁵	184.6	\$336.79	58.0	13.5	6.4	3.3	60.7	1.26	\$1.68

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.	Ingredient Prices for EPVBF	
	Corn (\$ / bu.)	1.82
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 ⁵ Averages, Standard Deviation, Maximum, and Minimum values were calculated from plot final results, not Copyright © 1996-2005, Iowa Grain Quality Initiative, Iowa State University, Ames, Iowa. All rights reserved.	White Grease (\$ / lb.)	0.17
	DDG (\$ / ton)	70
	48% Soy Meal (\$ / ton)	165