



2003 Strip Plots

ISU Grain Quality Laboratory

Results: Adair County Corn Association Roundup Ready Corn Strip 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	Ex 29250 Bt	151.5	\$311.41	55.2	15.9	7.1	3.8	60.8	1.25	\$2.02
Four Star	6573 RR	148.2	\$307.41	56.1	15.2	6.9	3.5	60.7	1.26	\$1.97
LG	LG 2585RR	146.7	\$305.17	54.0	15.0	7.1	3.7	60.8	1.24	\$2.01
MRK	RR98 Bt	142.5	\$287.43	57.6	17.3	7.1	4.1	60.1	1.26	\$2.05
Asgrow	RX 718	140.4	\$294.33	55.9	14.4	6.7	3.7	61.8	1.27	\$1.97
MRK	RR02 Bt	139.9	\$284.79	56.4	16.6	7.2	3.6	60.5	1.24	\$2.01
Dekalb	DKC 60-09	139.5	\$291.76	56.9	14.6	6.7	3.6	61.7	1.29	\$1.96
Garst	8487	137.3	\$274.98	55.7	17.8	6.9	4.1	60.2	1.25	\$2.03
Wilson	8075 RB	136.7	\$279.49	54.3	16.3	7.1	3.4	60.9	1.27	\$1.98
LG	LG 2587RR	136.2	\$279.21	56.3	16.1	7.1	4.0	60.4	1.26	\$2.04
Pfister	2656 RWRR	135.9	\$281.83	56.1	15.2	6.8	3.9	60.9	1.24	\$2.00
Golden Harvest	H-8961	133.5	\$275.06	55.2	15.7	6.7	3.5	61.4	1.25	\$1.95
Garst	8352	132.4	\$265.92	55.7	17.6	6.6	3.5	61.5	1.23	\$1.94
Pfister	2750 RWRR	132.2	\$268.49	54.5	16.8	6.9	3.6	61.0	1.26	\$1.98
Ottillie	RO 5335 RR	132.2	\$272.85	56.2	15.6	7.1	3.8	61.1	1.25	\$2.02
Moews	SM370RR	131.4	\$271.47	53.1	15.5	6.8	3.6	61.4	1.25	\$1.97
Dekalb	DKC 60-19	131.2	\$270.03	56.2	15.8	7.0	3.4	61.4	1.26	\$1.97
Kaup	97-1153	129.8	\$260.67	53.7	17.6	6.9	3.7	61.1	1.26	\$1.99
Wilson	8065 RB	129.7	\$266.22	55.3	16.0	7.6	3.6	60.6	1.27	\$2.04
Ottillie	RO 5437 RR	129.6	\$262.13	56.5	17.1	6.9	3.5	61.0	1.27	\$1.97
Pfister	2656	128.3	\$261.66	56.4	16.5	7.0	3.8	61.0	1.24	\$2.01
Pfister	3153 RR	121.1	\$246.55	55.4	16.6	6.9	3.9	60.6	1.24	\$2.01
Check Variety Information: (average values for check strips)										
Dekalb	DKC 60-19	138.8	\$284.71	56.2	16.1	6.9	3.5	61.5	1.26	\$1.96
Averages⁵										
		135.7	\$278.13	55.6	16.1	7.0	3.7	61.0	1.26	\$2.00
Standard Deviation⁵										
		7.2	\$16.42	1.1	1.0	0.2	0.2	0.5	0.01	\$0.03
Maximum⁵										
		151.5	\$311.41	57.6	17.8	7.6	4.1	61.8	1.29	\$2.05
Minimum⁵										
		121.1	\$246.55	53.1	14.4	6.6	3.4	60.1	1.23	\$1.94

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 (\$2.08) 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.)	2.08
White Grease (\$ / lb.)	0.19
DDG (\$ / ton)	95
48% Soy Meal (\$ / ton)	205