



2004 Strip Plots

ISU Grain Quality Laboratory

Results: Iowa Central Community College Round up Corn Plot

Hybrids are listed in order from highest to lowest yield.

Company	Hybrid	Yield (Bu. / A.)	Value ¹ (\$ / A.)	Test Wt. ² (lb. / Bu.)	Field Moisture ² (%)	Protein (%)	Oil (%)	Starch (%)	Density (g. / cc)	EPVBF ³ (\$ / Bu.)	
				Long Term Iowa Averages:				8.0	3.6	60.0	1.27
Great Lakes	DKC53-34	187.0	\$326.44	56.7	17.7	7.5	3.8	60.1	1.26	\$1.80	
Great Lakes	5471BtRR	186.6	\$321.66	54.5	18.5	7.3	4.1	61.5	1.27	\$1.82	
Pioneer	35Y70RRBt	185.8	\$326.36	57.1	17.3	7.0	4.0	55.1	1.20	\$1.79	
Pioneer	34N45RRBt	185.8	\$308.05	57.1	20.9	6.7	2.8	61.8	1.29	\$1.66	
Great Lakes	5961RRRW	183.0	\$301.28	54.0	21.3	7.0	3.5	62.4	1.24	\$1.74	
Wilson	7806RBt	176.5	\$291.63	52.1	21.1	7.5	3.8	61.8	1.23	\$1.80	
Stauffer	2699CBRR	174.5	\$277.68	53.1	23.3	7.2	3.4	62.5	1.23	\$1.75	
Mycogen	2T655YGCB	174.2	\$289.28	54.2	20.8	7.3	3.6	62.2	1.23	\$1.77	
Great Lakes	5475BtRR	173.0	\$295.41	54.7	19.1	6.7	3.6	60.8	1.25	\$1.73	
Great Lakes	5471RR	172.2	\$297.37	54.7	18.4	7.0	3.9	61.7	1.27	\$1.78	
Agri-Gold	6395RRBt	171.3	\$274.95	52.8	22.8	6.9	3.3	63.5	1.21	\$1.72	
Dekalb	58-80YGCB	170.6	\$285.20	54.2	20.4	7.8	3.5	61.3	1.26	\$1.80	
Great Lakes	5474BtRR	167.8	\$293.82	55.9	17.5	7.0	3.5	62.6	1.27	\$1.74	
Legend	9406RRCR	166.7	\$275.48	55.0	21.1	7.1	3.6	61.7	1.25	\$1.76	
Great Lakes	5468BtRR	165.4	\$271.50	53.3	21.5	7.0	3.1	60.2	1.25	\$1.71	
Mycogen	2E683	165.1	\$266.84	51.8	22.4	7.2	3.6	61.9	1.21	\$1.77	
Wilson	7595RBt	158.3	\$272.01	55.1	18.7	7.0	3.7	61.8	1.24	\$1.76	
Ottillie	5008	156.9	\$245.05	51.7	24.4	8.0	3.6	62.2	1.23	\$1.82	
Ottillie	4599YGCB	152.4	\$252.57	55.1	20.9	7.3	3.2	62.5	1.27	\$1.74	
Golden Harvest	9235BtRR	151.8	\$245.87	51.8	22.3	7.7	3.4	62.3	1.25	\$1.78	
Great Lakes	5365RR	150.8	\$254.17	53.8	19.9	7.1	3.5	60.9	1.28	\$1.75	
Averages⁴		170.3	\$284.41	54.2	20.5	7.2	3.5	61.5	1.25	\$1.76	
Standard Deviation⁴		11.6	\$24.51	1.7	2.0	0.3	0.3	1.7	0.02	\$0.04	
Maximum⁴		187.0	\$326.44	57.1	24.4	8.0	4.1	63.5	1.29	\$1.82	
Minimum⁴		150.8	\$245.05	51.7	17.3	6.7	2.8	55.1	1.20	\$1.66	

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
White Grease (\$ / lb.)	0.155
DDG (\$ / ton)	100
48% Soy Meal (\$ / ton)	160

¹ Value is determined by the current price for corn (\$1.82) and a drying charge.

² Field moisture content and test weight data were provided by the participating plot operator.

³ 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.

⁴ Averages, Standard Deviation, Maximum, and Minimum values were calculated from plot final results.