



2014 Strip Plots

ISU Grain Quality Laboratory

Results: Bremer Co. Corn Plot Conventional

Hybrids are listed in order from highest to lowest yield.

Corn

Company	Hybrid	Yield (Bu. / A.)	Value ¹ (\$ / A.)	Test Wt. ² (lb. / Bu.)	Field Moisture ² (%)	Protein (%)	Oil (%)	Starch (%)	Density (g. / cc)	Ethanol Yld (gal/bu)	EPVBF ³ (\$ / Bu.)
				Long Term Iowa Averages:			8.0	3.6	60.0	1.27	
LG Seeds	LG 2549	193.5	\$638.63	54.3	20.0	6.2	3.4	61.7	1.206	2.95	\$2.95
Viking	49-09N	191.4	\$621.63	57.9	21.3	6.0	3.7	61.8	1.220	2.96	\$2.94
LG Seeds	LG 5533	186.8	\$599.16	54.3	22.3	5.7	3.7	61.6	1.200	2.97	\$2.86
LG Seeds	LG 5499	184.7	\$642.84	56.1	15.5	6.2	3.6	61.8	1.233	2.95	\$2.98
Viking	50-04N	184.6	\$610.06	55.2	19.9	6.5	3.4	61.6	1.216	2.94	\$3.03
Viking	30-06N	183.9	\$597.42	57.6	21.3	6.2	3.7	61.2	1.247	2.95	\$3.00
Channel	202-29	178.7	\$621.06	55.2	15.6	5.7	3.4	62.3	1.204	2.98	\$2.80
Viking	72-04N	173.5	\$603.04	54.2	15.6	6.7	3.7	60.8	1.220	2.92	\$3.14
LG Seeds	LG 2531	171.1	\$570.65	54.1	19.1	6.9	3.5	60.8	1.222	2.91	\$3.17
Viking	60-01N	158.3	\$537.60	55.4	17.6	6.5	3.4	62.0	1.250	2.94	\$3.03

Standard Deviation⁴	10.6	\$31.51	1.4	2.6	0.4	0.1	0.5	0.02	0.02	\$0.11
Maximum⁴	193.5	\$642.84	57.9	22.3	6.9	3.7	62.3	1.25	2.98	\$3.17
Minimum⁴	158.3	\$537.60	54.1	15.5	5.7	3.4	60.8	1.20	2.91	\$2.80

YIELD, PROTEIN, OIL, STARCH, TEST WEIGHT, DENSITY and ETHANOL BASIS 15% MOISTURE.

VALUE IS GROSS REVENUE PER ACRE MINUS 5 CENTS/BU/PT. FOR DRYING.

DENSITY IS A MEASURE OF KERNEL HARDNESS.

Ingredient Prices for EPVBF

Corn (\$ / bu.)	3.50
White Grease (\$ / lb.)	0.32
DDG (\$ / ton)	117.00
48% Soy Meal (\$ / ton)	535.00

¹ Value is determined by the current price for corn (\$3.50) 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

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

Copyright © 1996-2014, Iowa Grain Quality Initiative, Iowa State University, Ames, Iowa. All rights reserved.