



2016 Strip Plots

ISU Grain Quality Laboratory

Results: Bremer Co. - Conventional Plot

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		
Viking	49-09N	275.2	\$736.35	56.0	23.1	6.3	3.6	60.6	1.233	2.95	\$2.75
Epleys	E1610	273.4	\$741.41	56.8	22.2	7.6	3.9	59.5	1.275	2.87	\$2.99
eMerge	SX655	269.7	\$702.29	57.5	24.9	7.2	4.0	59.3	1.287	2.90	\$2.94
Epleys	E1910	257.4	\$694.89	56.0	22.5	6.3	3.4	61.7	1.239	2.95	\$2.72
Wyffes	W4790	256.2	\$707.23	57.5	21.0	6.8	3.5	61.2	1.261	2.92	\$2.81
LG	LG5618	255.4	\$656.76	58.0	25.7	6.7	3.7	61.4	1.293	2.93	\$2.82
Viking	40-03N	253.9	\$726.04	56.9	18.5	7.3	3.6	60.9	1.278	2.90	\$2.90
LG	LG5499	248.8	\$710.67	55.7	18.6	6.6	3.9	61.0	1.264	2.93	\$2.84
Epleys	E1720	248.2	\$679.19	56.7	21.6	7.0	4.0	59.6	1.260	2.90	\$2.91
Viking	63-05N	247.1	\$672.05	56.8	22.0	7.1	3.8	59.5	1.248	2.90	\$2.90
Epleys	E1310	247.0	\$676.90	54.6	21.5	6.8	3.6	60.7	1.239	2.92	\$2.82
Viking	58-04N	245.6	\$660.27	57.0	22.8	7.6	3.8	59.8	1.266	2.87	\$2.97
eMerge	SX596	238.7	\$664.60	56.4	20.4	7.2	3.7	60.4	1.257	2.90	\$2.90
eMerge	SX375	238.6	\$682.53	54.9	18.5	7.0	3.9	60.7	1.255	2.90	\$2.90
Epleys	E9830	237.9	\$683.38	57.8	18.2	6.8	3.7	61.1	1.265	2.92	\$2.84
eMerge	SX546	237.8	\$679.25	57.9	18.6	6.5	3.5	61.9	1.284	2.94	\$2.76
LG	LG2549	221.9	\$582.17	57.4	24.4	7.0	3.4	60.1	1.242	2.91	\$2.82

Standard Deviation⁴	13.9	\$36.87	1.0	2.4	0.4	0.2	0.8	0.018	0.02	\$0.08
Maximum⁴	275.2	\$741.41	58.0	25.7	7.6	4.0	61.9	1.293	2.95	\$2.99
Minimum⁴	221.9	\$582.17	54.6	18.2	6.3	3.4	59.3	1.233	2.87	\$2.72

**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.)	3.00
White Grease (\$ / lb.)	0.28
DDG (\$ / ton)	145.00
48% Soy Meal (\$ / ton)	320.00

¹ Value is determined by the current price for corn (\$7.04) 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.