



2001 Strip Plots

ISU Grain Quality Laboratory

Results: Benton County Corn Samples

Hybrids are listed in order from highest to lowest yield.

Strip Number	Company	Hybrid	Yield (Bu. / A.)	Value ¹ (\$ / A.)	Field Moisture ² (%)	Protein (%)	Oil (%)	Starch (%)	Density (g. / cc)	EPVBF ³ (\$ / Bu.)
			Long Term Iowa Averages:							
				8.0	3.6	60.0	1.27			
104	NK	67-T4	252.6	\$434.53	19.0	7.5	3.9	58.9	1.26	\$1.83
105	NK	58-D1	225.4	\$382.17	19.9	7.7	3.3	59.1	1.26	\$1.79
10	Asgrow	730YG	203.7	\$362.61	16.8	7.9	3.7	59.0	1.29	\$1.83
7	Asgrow	738RR	202.0	\$364.13	16.0	7.9	3.6	59.3	1.27	\$1.82
4	Asgrow	738RR	201.0	\$361.73	16.1	7.4	3.5	59.6	1.27	\$1.79
1	Asgrow	730YG	198.2	\$352.81	16.8	7.2	3.7	59.7	1.29	\$1.79
8	Asgrow	708	195.7	\$354.30	15.7	7.7	3.5	59.6	1.28	\$1.80
18	Asgrow	708	194.9	\$355.68	15.2	7.5	3.4	60.0	1.29	\$1.78
3	Asgrow	708	193.6	\$349.55	15.9	7.5	3.2	60.0	1.28	\$1.77
20	Asgrow	730YG	193.1	\$354.42	14.8	7.2	3.8	60.1	1.29	\$1.80
5	Asgrow	601RR	192.0	\$348.12	15.6	8.2	3.4	59.7	1.27	\$1.82
14	Asgrow	738RR	188.8	\$346.56	14.8	7.6	3.5	59.8	1.28	\$1.80
9	Garst	8464IT	188.6	\$330.67	17.8	7.9	3.7	59.0	1.27	\$1.83
2	Garst	8464IT	188.1	\$327.17	18.3	7.9	3.7	58.8	1.27	\$1.83
13	Asgrow	708	186.2	\$339.66	15.2	7.6	3.4	60.0	1.28	\$1.79
17	Asgrow	738RR	184.6	\$337.81	15.0	7.5	3.6	59.8	1.28	\$1.80
6	Asgrow	601RR	184.4	\$335.85	15.3	7.5	3.3	60.1	1.27	\$1.78
16	Asgrow	601RR	183.6	\$339.05	14.4	7.5	3.4	60.4	1.27	\$1.78
11	Asgrow	730YG	181.1	\$331.36	15.0	7.6	3.7	59.7	1.29	\$1.82
19	Garst	8464IT	178.6	\$316.46	17.1	8.1	3.6	58.9	1.29	\$1.84
15	Asgrow	601RR	178.4	\$330.91	14.1	7.8	3.4	60.0	1.27	\$1.80
99	Garst	8590	173.8	\$304.18	17.9	7.6	3.8	59.3	1.25	\$1.82
12	Garst	8464IT	169.5	\$300.37	17.1	8.4	3.6	58.7	1.29	\$1.85
102	LG Seed	2569	150.5	\$265.54	17.4	8.2	3.8	58.5	1.25	\$1.86
103	LG Seed	2579	143.1	\$241.85	20.1	7.3	3.8	58.6	1.25	\$1.81
101	LG Seed	2585	141.1	\$241.49	19.3	7.1	3.7	59.0	1.25	\$1.79
100	Trelay	SP902	125.5	\$216.14	18.9	8.1	3.7	58.5	1.26	\$1.84

Averages⁴	185.1	\$330.56	16.6	7.7	3.6	59.4	1.27	\$1.81
Standard Deviation⁴	25.3	\$45.98	1.8	0.3	0.2	0.6	0.01	\$0.02
Maximum⁴	252.6	\$434.53	20.1	8.4	3.9	60.4	1.29	\$1.86
Minimum⁴	125.5	\$216.14	14.1	7.1	3.2	58.5	1.25	\$1.77

**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.)	1.83
White Grease (\$ / lb.)	0.15
DDG (\$ / ton)	101
48% Soy Meal (\$ / ton)	148

¹ Value is determined by the current price for corn (\$1.83) and a drying charge.

² Reported 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.