



2005 Strip Plot Variety Trials

ISU Grain Quality Laboratory

Results: Bremer County - Ron Zelle

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	1.270
Legend	5512 Bt	220.5	382.53	56.8	18.1	7.3	3.7	60.8	1.262	\$1.78	
Legend	Ex535	219.0	373.85	56.0	19.1	7.1	3.9	60.3	1.258	\$1.79	
Legend	Ex535	212.6	373.43	55.6	17.3	6.9	3.5	61.3	1.232	\$1.73	
Legend	5406 Bt	208.3	371.05	57.9	16.4	7.7	3.6	60.6	1.289	\$1.80	
Legend	5412 Bt	206.6	359.05	55.8	18.0	6.6	3.6	61.3	1.250	\$1.72	
Legend	5410 Bt	201.9	347.99	54.9	18.5	7.0	3.9	60.8	1.261	\$1.78	
Legend	Ex534 Bt	199.3	345.81	54.8	18.1	6.6	3.6	61.4	1.245	\$1.72	
Legend	Ex5510 Bt	198.0	345.57	55.7	17.7	7.4	3.5	60.7	1.246	\$1.77	
Legend	Ex 527 Bt	196.9	342.62	56.7	17.9	7.3	3.7	60.7	1.249	\$1.78	
Legend	5535	194.9	343.94	56.5	17.0	8.2	3.6	60.2	1.268	\$1.83	
Legend	Ex529 Bt	193.3	344.32	55.4	16.4	7.6	3.7	60.5	1.228	\$1.80	
Legend	Ex537	187.6	317.72	55.2	19.6	7.4	3.6	60.5	1.26	\$1.78	
Legend	Ex 536	186.9	322.67	56.9	18.4	7.2	3.3	61.2	1.303	\$1.74	
Legend	Ex530	186.4	334.05	55.3	16.0	7.3	3.5	61.2	1.258	\$1.76	
Legend	5507 Bt	184.1	329	55.3	16.2	7.3	3.8	60.6	1.227	\$1.79	
Legend	Ex528 Bt	181.7	319.19	56.6	17.3	8.2	3.7	60.2	1.264	\$1.84	
Legend	Ex549	181.5	318.3	55.6	17.4	7.1	3.6	61.2	1.279	\$1.76	
?	N3229	178.0	326.44	55.9	14.5	7.7	3.8	60.8	1.276	\$1.82	
?	N17-C5	130.1	240.06	56.8	14.1	8.1	3.7	60.3	1.296	\$1.84	
Averages⁴		193.0	\$338.82	56.0	17.3	7.4	3.6	60.8	1.261	\$1.78	
Standard Deviation⁴		19.8	\$31.24	0.8	1.4	0.5	0.1	0.4	0.02	\$0.04	
Maximum⁴		220.5	\$382.53	57.9	19.6	8.2	3.9	61.4	1.30	\$1.84	
Minimum⁴		130.1	\$240.06	54.8	14.1	6.6	3.3	60.2	1.23	\$1.72	

**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.)	0.17
DDG (\$ / ton)	70
48% Soy Meal (\$ / ton)	165

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