



2000 Strip Plots

ISU Grain Quality Laboratory

Results: Lee County

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	
Asgrow	RX601YG BT	209.1	\$258.03	58.6	17.4	7.5	3.6	59.8	1.29	1.26	
Asgrow	RX634	207.3	\$251.27	56.8	18.2	7.5	3.4	60.2	1.29	1.26	
Dekalb	DKC57-38	204.9	\$248.93	56.8	18.1	8.0	3.8	58.9	1.29	1.31	
Asgrow	RX708	204.1	\$241.72	56.1	19.2	7.4	3.7	59.1	1.28	1.26	
Asgrow	RX601	200.6	\$250.84	55.5	16.8	7.7	3.7	59.7	1.28	1.28	
Asgrow	RX637	199.4	\$246.59	55.6	17.3	7.7	4.1	58.8	1.24	1.30	
Dekalb	DKC57-72 BT	195.3	\$235.62	58.9	18.4	6.7	3.7	59.6	1.30	1.21	
Pioneer	34G82 BT	194.8	\$239.82	58.6	17.5	7.5	3.4	60.0	1.30	1.26	
Dekalb	DKC-58-52 BT	192.9	\$232.73	55.9	18.4	7.4	4.0	59.6	1.27	1.28	
Asgrow	RX680YG BT	191.4	\$232.55	57.8	18.1	7.0	3.9	59.7	1.30	1.24	
Asgrow	RX730YG BT	190.5	\$224.64	56.1	19.4	7.0	3.8	59.7	1.28	1.24	
Asgrow	RX730	188.2	\$221.33	56.1	19.5	7.0	4.0	59.5	1.28	1.25	
Pioneer	33A14 BT	187.2	\$218.17	57.2	19.9	6.4	3.7	59.8	1.27	1.19	
Dekalb	DK551BTY BT	187.1	\$234.50	55.4	16.7	7.7	3.7	59.9	1.28	1.28	
Asgrow	RX697YG BT	186.5	\$212.73	55.5	20.8	8.0	3.5	57.8	1.27	1.30	
Dekalb	DK595BTY BT	184.1	\$232.72	57.3	16.3	8.1	3.4	59.6	1.29	1.30	
Dekalb	DK551	175.4	\$219.77	55.4	16.7	8.0	4.1	59.6	1.27	1.32	
Novartis	N7070BT	174.6	\$200.12	54.4	20.6	6.9	3.6	60.2	1.26	1.22	
Dekalb	DK661	171.6	\$206.53	55.9	18.5	7.8	3.9	59.2	1.29	1.30	
Dekalb	DK647BTY BT	171.3	\$192.03	53.6	21.5	7.6	3.6	58.7	1.27	1.27	
Averages⁴		190.8	230.03	56.4	18.5	7.4	3.7	59.5	1.28	1.27	
Standard Deviation⁴		11.6	17.98	1.4	1.5	0.5	0.2	0.6	0.015	0.034	
Maximum⁴		209.1	258.03	58.9	21.5	8.1	4.1	60.2	1.30	1.32	
Minimum⁴		171.3	192.03	53.6	16.3	6.4	3.4	57.8	1.24	1.19	

**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.)	1.30
White Grease (\$ / lb.)	0.08
DDG (\$ / ton)	88
48% Soy Meal (\$ / ton)	147.5

¹ Yield is check-adjusted in plots with check strips.
¹ Value is determined by the current price for corn (\$1.30) 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.
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