



2006 Strip Plots

ISU Grain Quality Laboratory

Results: Nashua-Plainfield FFA

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	
Legend	5412BT	230.8	\$711.77	55.2	19.6	7.9	3.6	59.6	1.28	\$3.21	
Pioneer (no starter F	34H31	223.4	\$686.30	51.3	20.0	8.4	3.4	59.6	1.30	\$3.21	
Legend	9610RB	218.6	\$678.73	55.0	18.8	7.8	3.6	60.0	1.30	\$3.20	
Legend	8909BT	213.1	\$666.34	55.8	18.0	8.5	3.6	59.3	1.26	\$3.23	
Legend	9510RR	212.8	\$659.64	55.0	19.0	8.9	3.7	58.8	1.27	\$3.26	
Legend	9535RR Cher	212.6	\$657.24	56.1	19.3	8.3	3.5	59.4	1.27	\$3.22	
Syngenta	N60B6BTLL	210.2	\$644.71	51.3	20.2	7.2	3.4	59.9	1.26	\$3.15	
Legend	9535RR Cher	208.8	\$650.26	57.9	18.5	8.5	3.7	59.4	1.28	\$3.24	
Legend	9810RR	208.8	\$655.24	56.7	17.6	8.3	3.6	60.0	1.32	\$3.22	
Legend	5505LL	207.9	\$647.98	56.4	18.4	8.7	3.8	59.1	1.28	\$3.26	
Legend	EX5707	207.2	\$632.59	54.4	20.7	8.9	4.2	58.0	1.28	\$3.31	
Legend	9535RR Cher	205.6	\$640.68	55.4	18.4	9.0	3.6	58.9	1.29	\$3.26	
Legend	5507BT	203.9	\$641.20	55.6	17.4	8.0	3.8	59.5	1.24	\$3.23	
Legend (no starter F	9535RR Cher	201.1	\$627.40	55.8	18.3	8.9	3.6	58.8	1.29	\$3.25	
Legend	9507RR	198.2	\$621.08	55.7	17.8	8.2	3.9	59.5	1.25	\$3.25	
Legend	EX5604HX	196.9	\$615.35	56.8	18.1	7.8	3.5	60.3	1.29	\$3.19	
Legend	5535	196.4	\$612.77	55.8	18.3	8.7	3.5	59.3	1.28	\$3.23	
Legend	9535RR Cher	195.7	\$606.09	56.0	19.1	8.7	3.8	59.2	1.28	\$3.26	
Legend	5102BT	195.4	\$613.83	57.1	17.5	8.0	3.7	60.2	1.29	\$3.22	
Legend	8909YG+	194.9	\$613.93	56.6	17.2	8.5	3.7	59.3	1.26	\$3.24	
Legend	91H05HX	193.3	\$596.11	56.2	19.6	9.0	3.7	58.8	1.29	\$3.27	
Legend	5410BT	192.4	\$596.56	54.5	19.0	8.2	4.0	59.0	1.26	\$3.26	
Legend	9535RR Cher	191.9	\$594.76	56.0	19.0	8.5	3.6	59.0	1.28	\$3.23	
Legend	5504BT	191.8	\$605.21	57.5	17.0	7.8	3.3	61.1	1.30	\$3.17	
Legend	5501BT	189.3	\$593.99	56.2	17.6	7.9	3.8	60.0	1.28	\$3.22	
Legend	5535YG+	189.3	\$588.91	56.9	18.6	8.5	3.6	59.1	1.28	\$3.23	
Legend	5504	187.4	\$590.83	56.5	17.1	7.9	3.5	60.7	1.29	\$3.20	
Legend	9503RB	186.5	\$592.37	57.8	16.2	8.1	3.6	60.4	1.29	\$3.21	
Legend	5406BT	185.5	\$579.23	55.8	18.2	8.2	3.5	59.9	1.28	\$3.21	
Legend	5403CR	184.5	\$581.45	57.0	17.1	8.3	3.5	60.0	1.29	\$3.22	
Legend	9535RR Cher	184.3	\$573.76	55.9	18.5	8.8	3.7	59.3	1.29	\$3.26	

Averages⁴	200.6	\$625.04	55.8	18.4	8.3	3.6	59.5	1.28	\$3.23
Standard Deviation⁴	12.0	\$34.68	1.5	1.0	0.4	0.2	0.6	0.02	\$0.03
Maximum⁴	230.8	\$711.77	57.9	20.7	9.0	4.2	61.1	1.32	\$3.31
Minimum⁴	184.3	\$573.76	51.3	16.2	7.2	3.3	58.0	1.24	\$3.15

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.)	3.21
White Grease (\$ / lb.)	0.16
DDG (\$ / ton)	85
48% Soy Meal (\$ / ton)	183.6

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 and the current market price for feed ingredients.

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