



2003 Strip Plots

ISU Grain Quality Laboratory

Results: Nashua Plainfield FFA Corn Strip Plot

Hybrids are listed in order from highest to lowest yield.

Company	Hybrid	Yield ¹ (Bu. / A.)	Value ² (\$ / A.)	Test Wt. ³ (lb. / Bu.)	Field Moisture ³ (%)	Protein (%)	Oil (%)	Starch (%)	Density (g. / cc)	EPVBF ⁴ (\$ / Bu.)	
				Long Term Iowa Averages:			8.0	3.6	60.0	1.27	
Patriot	40-422	141.4	\$275.35	56.2	19.8	8.1	3.6	60.1	1.28	\$2.09	
Legend	LS5408	137.0	\$279.78	55.4	16.4	7.9	2.9	61.2	1.27	\$2.00	
Legend	5535	136.2	\$278.11	55.4	16.4	8.4	3.7	59.9	1.26	\$2.13	
Legend	8909Bt	135.3	\$266.23	54.5	19.1	8.3	4.1	59.4	1.23	\$2.16	
Northrup King	N43-C4	132.6	\$269.62	55.4	16.7	9.0	3.6	59.9	1.27	\$2.17	
Legend	LS5102	131.2	\$270.37	54.2	15.7	8.1	3.8	60.6	1.23	\$2.11	
Patriot	4036	130.7	\$264.98	56.5	16.9	8.1	3.9	59.8	1.30	\$2.12	
Northrup King	N4640Bt	129.5	\$264.42	55.4	16.4	8.6	3.6	59.6	1.29	\$2.13	
Legend	LS5104	129.3	\$253.20	56.1	19.4	7.9	3.5	59.9	1.28	\$2.06	
Legend	LS8905	128.5	\$260.53	56.5	16.9	8.6	3.8	59.6	1.30	\$2.16	
Legend	LS5410	127.9	\$256.60	54.7	17.7	8.9	4.1	58.9	1.25	\$2.22	
Legend	LS5411	125.6	\$244.28	55.2	19.9	7.9	3.5	60.4	1.26	\$2.06	
Legend	R1632	120.7	\$232.82	54.4	20.5	8.5	4.1	59.2	1.25	\$2.18	
Patriot	6120Bt	120.7	\$243.66	55.6	17.2	8.4	3.6	60.0	1.27	\$2.12	
Patriot	5705Bt	116.5	\$231.06	54.9	18.5	8.9	4.0	58.9	1.26	\$2.20	
Legend	LS5665	114.8	\$230.32	55.7	17.7	8.7	3.8	59.3	1.27	\$2.17	
Check Variety Information: (average values for check strips)											
Patriot	40-422	136.5	\$265.97	55.4	19.8	8.1	3.7	60.0	1.27	\$2.10	
Averages⁵		128.6	\$257.58	55.4	17.8	8.4	3.7	59.8	1.27	\$2.13	
Standard Deviation⁵		7.5	\$16.68	0.7	1.5	0.4	0.3	0.6	0.02	\$0.06	
Maximum⁵		141.4	\$279.78	56.5	20.5	9.0	4.1	61.2	1.30	\$2.22	
Minimum⁵		114.8	\$230.32	54.2	15.7	7.9	2.9	58.9	1.23	\$2.00	
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.							Ingredient Prices for EPVBF				
DENSITY IS A MEASURE OF KERNEL HARDNESS.							Corn (\$ / bu.) 2.08				
¹ Yield is check-adjusted in plots with check strips.							White Grease (\$ / lb.) 0.19				
² Value is determined by the current price for corn (\$2.08) and a drying charge.							DDG (\$ / ton) 95				
³ Field moisture content and test weight data were provided by the participating plot operator.							48% Soy Meal (\$ / ton) 205				
⁴ 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.											
⁵ Averages, Standard Deviation, Maximum, and Minimum values were calculated from plot final results, not including check strips (where applicable).											
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