



2006 Strip Plots

ISU Grain Quality Laboratory

Results: HOI - Paton

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	
Pioneer	34A17	205.3	\$646.03	58.7	17.3	7.6	3.7	60.4	1.28	\$3.20	
Crow's	4221R	188.5	\$599.38	56.9	16.1	7.3	3.4	61.0	1.30	\$3.16	
Crow's	4615S	187.6	\$590.33	57.0	17.3	7.5	3.4	61.0	1.31	\$3.17	
Pioneer	36K69	186.6	\$589.24	58.4	16.9	6.7	3.6	61.5	1.28	\$3.15	
Crow's	4614R	182.3	\$575.66	57.1	16.9	7.9	3.5	60.2	1.26	\$3.20	
Crow's	4351R	181.2	\$573.68	57.2	16.6	8.0	3.4	60.2	1.32	\$3.19	
Golden Harvest	9098	180.7	\$566.63	58.1	17.7	7.7	3.3	60.6	1.26	\$3.17	
Crow's	3844R	180.6	\$575.75	59.2	15.8	7.3	3.5	61.2	1.30	\$3.17	
Crow's	3935T	178.8	\$569.52	59.1	15.9	6.4	3.8	61.8	1.29	\$3.15	
Crow's	4940R	177.4	\$559.70	58.0	17.0	7.8	3.2	61.2	1.31	\$3.16	
Pioneer	35Y61	171.4	\$537.94	59.6	17.6	6.7	3.3	61.4	1.26	\$3.12	
Pioneer	36W68	171.0	\$537.15	57.9	17.5	6.7	3.5	61.3	1.27	\$3.14	
Pioneer	34N40	170.9	\$533.08	59.4	18.3	6.8	3.4	61.6	1.28	\$3.13	
Crow's	4290T	169.1	\$537.70	58.9	16.1	7.6	3.4	60.7	1.29	\$3.17	
Crow's	3767R	168.7	\$536.89	56.8	16.0	7.4	3.5	60.9	1.26	\$3.17	
Pioneer	33N12	167.9	\$517.26	60.6	19.7	7.0	3.6	61.0	1.27	\$3.16	
Pioneer	33N28	166.4	\$521.33	58.0	17.8	7.0	3.6	60.8	1.27	\$3.16	
Crow's	4637T	166.4	\$522.70	59.1	17.5	7.3	3.5	61.0	1.29	\$3.17	
Pioneer	33B54	164.2	\$508.57	58.5	19.1	6.3	3.4	62.1	1.26	\$3.11	
Averages⁴		177.1	\$557.82	58.3	17.2	7.2	3.5	61.0	1.28	\$3.16	
Standard Deviation⁴		10.3	\$34.62	1.0	1.1	0.5	0.1	0.5	0.02	\$0.02	
Maximum⁴		205.3	\$646.03	60.6	19.7	8.0	3.8	62.1	1.32	\$3.20	
Minimum⁴		164.2	\$508.57	56.8	15.8	6.3	3.2	60.2	1.26	\$3.11	
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 (\$3.21) 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.											
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