



2005 Strip Plot Variety Trials

ISU Grain Quality Laboratory

Results: Pomeroy-Palmer FFA

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:						
				58.8	14.0	7.4	3.6	60.8	1.27	
Pioneer	34A15	299.3	\$552.87	58.8	14.0	7.4	3.6	60.8	1.29	\$1.78
Great Lakes	Quad 5	291.2	\$532.38	57.9	14.7	6.9	3.4	61.7	1.27	\$1.72
Fontanelle	7638YGCB	290.7	\$533.01	58.9	14.5	7.1	3.4	61.3	1.24	\$1.74
Garst	8535YG 1/IT	284.6	\$518.67	57.0	14.9	7.0	3.5	61.4	1.26	\$1.74
Golden Harvest	H-8265 BT	283.5	\$516.75	60.0	14.9	7.1	3.4	61.4	1.28	\$1.74
Golden Harvest	H-9006 BT	280.9	\$511.16	60.0	15.0	6.7	3.5	61.7	1.25	\$1.72
Pfister	2588 BT	274.8	\$499.41	59.0	15.1	6.8	3.4	61.6	1.24	\$1.72
Mycogen	2P722	273.3	\$502.58	58.8	14.3	7.4	3.8	61.0	1.26	\$1.80
SOI	106XX	269.0	\$489.56	59.0	15.0	7.1	3.4	61.6	1.25	\$1.74
Mycogen	2R570	266.4	\$493.70	57.7	13.8	6.8	3.5	61.4	1.27	\$1.73
SOI	9075	263.6	\$480.48	59.0	14.9	7.1	3.5	61.5	1.27	\$1.75
Pioneer	33B55	260.4	\$475.34	60.0	14.8	7.0	3.4	61.4	1.28	\$1.73
Garst	8676 IT	260.3	\$475.85	56.9	14.7	6.9	3.6	61.6	1.25	\$1.74
Pfister	2380	251.4	\$458.91	61.0	14.8	7.1	3.4	61.6	1.27	\$1.74
Great Lakes	5088 BT	245.1	\$458.88	56.5	13.1	7.2	3.4	61.7	1.26	\$1.74
Fontanelle	4924	242.3	\$440.99	60.0	15.0	7.0	3.4	61.4	1.27	\$1.73

Check Variety Information: (average values for check strips)										
NC+	3451B (check)	252.7	\$460.69	59.2	14.9	7.0	3.5	61.5	1.27	\$1.74

Averages⁵	271.1	\$496.28	58.8	14.6	7.0	3.5	61.4	1.26	\$1.74
Standard Deviation⁵	16.8	\$30.61	1.3	0.5	0.2	0.1	0.3	0.02	\$0.02
Maximum⁵	299.3	\$552.87	61.0	15.1	7.4	3.8	61.7	1.29	\$1.80
Minimum⁵	242.3	\$440.99	56.5	13.1	6.7	3.4	60.8	1.24	\$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 Yield is check-adjusted in plots with check strips.

² Value is determined by the current price for corn (\$1.82) and a drying charge.

³ Field moisture content and test weight data were provided by the participating plot operator.

⁴ EPVBF is the Estimated Processed Value per Bushel to be used for Feed. It is determined by grain quality and

⁵ Averages, Standard Deviation, Maximum, and Minimum values were calculated from plot final results, not

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