



2006 Strip Plots

ISU Grain Quality Laboratory

Results: State Line Cooperative

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	
Mycogen	2R-570	195.8	\$597.18	54.2	20.8	7.7	3.6	60.3	1.29	\$3.20
Mycogen	2D-545	182.6	\$567.10	55.8	18.8	7.1	3.6	60.7	1.28	\$3.17
Wyffells	1959	180.8	\$569.88	56.3	17.1	7.5	3.6	60.5	1.26	\$3.19
Croplan (#21 Check)	503RR/Bt	178.8	\$547.26	56.2	20.4	7.5	3.6	60.4	1.28	\$3.19
Croplan	4801 RR	178.5	\$560.66	56.3	17.5	6.8	3.4	61.7	1.28	\$3.13
Wyffells	2711	176.5	\$551.12	56.6	18.2	6.9	3.7	61.0	1.27	\$3.17
Mycogen	2E-526	176.3	\$549.96	56.3	18.3	7.8	3.6	60.4	1.29	\$3.20
Mycogen	2J-525	175.9	\$532.69	57.1	21.6	7.4	3.5	60.9	1.29	\$3.17
Croplan	364CRW/RR	174.6	\$558.57	57.9	15.4	6.8	3.6	61.2	1.26	\$3.15
DK	52-47	169.6	\$528.16	56.3	18.5	6.9	3.5	61.1	1.26	\$3.15
Croplan	421RR/Bt	167.2	\$520.47	58.1	18.5	6.9	3.5	61.3	1.27	\$3.15
Mycogen	2K-541	166.7	\$508.58	55.5	20.8	6.9	3.6	61.0	1.25	\$3.16
Mycogen	2D-555	166.6	\$503.18	56.6	21.9	7.3	3.4	60.7	1.28	\$3.16
Croplan	491TS	165.4	\$518.16	58.6	17.8	7.5	3.6	60.9	1.32	\$3.19
Croplan	501TS	165.0	\$519.61	55.9	17.2	7.1	3.6	61.1	1.28	\$3.17
Croplan	401TS	161.1	\$500.27	59.0	18.8	7.8	3.4	61.3	1.32	\$3.18
NK	N36-R6	160.1	\$497.50	55.8	18.7	7.1	3.5	61.2	1.26	\$3.16
Croplan	441RR	159.2	\$480.73	56.9	21.9	7.1	3.4	61.4	1.30	\$3.15
NK	N41-P1	156.0	\$485.88	55.4	18.5	7.3	3.6	60.7	1.28	\$3.18
Croplan (#8 Check)	503RR/Bt	155.5	\$471.05	55.7	21.6	7.7	3.8	60.0	1.28	\$3.21
Croplan	521 TS	154.7	\$465.92	57.5	22.2	7.5	3.6	60.4	1.28	\$3.19
Averages⁴		169.9	\$525.43	56.6	19.3	7.3	3.6	60.9	1.28	\$3.17
Standard Deviation⁴		10.6	\$35.61	1.1	1.9	0.3	0.1	0.4	0.02	\$0.02
Maximum⁴		195.8	\$597.18	59.0	22.2	7.8	3.8	61.7	1.32	\$3.21
Minimum⁴		154.7	\$465.92	54.2	15.4	6.8	3.4	60.0	1.25	\$3.13

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.

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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Ingredient Prices for EPVBF

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