



2003 Strip Plots

ISU Grain Quality Laboratory

Results: Cass County Corn Strip Plot

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	
Dekalb	DKC58-78	151.3	\$325.56	52.4	12.4	8.3	4.0	61.8	1.25	\$2.15
Ottillie Ro	5334YGCB	148.4	\$316.41	55.5	13.1	7.6	3.4	61.5	1.25	\$2.02
LG Seeds	LG2540BT	146.3	\$312.28	54.0	13.0	8.5	3.5	60.4	1.24	\$2.12
Pioneer	34H32	145.3	\$310.59	58.5	12.9	8.5	3.0	61.3	1.29	\$2.06
Pioneer	33R78	143.2	\$299.79	55.9	14.5	8.5	3.2	61.0	1.27	\$2.08
Golden Harvest	H-9164BT	141.7	\$302.48	50.5	13.0	7.8	4.5	60.4	1.22	\$2.16
NK Brand	NX6931	140.9	\$301.50	54.5	12.8	8.5	3.7	60.5	1.27	\$2.14
NK Brand	NX6900	138.3	\$294.20	54.6	13.3	9.0	3.6	60.2	1.24	\$2.17
Garst	8350YG1	137.8	\$287.73	55.4	14.7	7.1	3.8	61.8	1.22	\$2.02
Wilson	1552B	135.0	\$288.49	55.0	12.9	8.4	3.3	60.7	1.27	\$2.08
Ottillie Ro	5267BT	131.8	\$280.98	53.5	13.1	8.7	3.7	60.5	1.27	\$2.15
Golden Harvest	H-9430BT	129.1	\$270.28	58.9	14.5	8.3	3.6	60.6	1.29	\$2.11
Wilson	1785B	128.2	\$272.98	55.1	13.2	9.2	3.2	60.2	1.28	\$2.15
Midwest Seed	8125B	127.6	\$270.32	55.7	13.6	9.0	3.4	60.2	1.27	\$2.15
MRK Brand	02BT113	127.2	\$269.77	54.6	13.5	8.5	3.7	60.6	1.26	\$2.14
Dekalb	DKC63-50	125.9	\$269.50	53.5	12.8	8.5	3.3	61.2	1.26	\$2.09
Golden Harvest	H-8803BT	124.2	\$265.81	55.5	12.8	9.1	3.5	60.5	1.29	\$2.17
Midwest Seed	8070B	123.2	\$261.31	54.6	13.5	9.3	3.5	60.0	1.27	\$2.19
LG Seeds	LG2617BT	122.3	\$260.16	53.6	13.3	9.3	3.6	59.9	1.26	\$2.20
Four Star	5738BT	120.6	\$253.90	54.8	14.1	9.1	3.6	60.3	1.27	\$2.18
Four Star	5758BT	120.3	\$253.96	53.7	13.9	8.6	3.3	60.9	1.26	\$2.10
MRK Brand	03BT114	119.1	\$248.36	54.4	14.8	8.7	3.7	60.2	1.27	\$2.15
Garst	8450IT	117.9	\$251.05	53.1	13.2	8.5	3.6	60.6	1.25	\$2.13
Averages⁴		132.4	\$281.19	54.6	13.4	8.6	3.6	60.7	1.26	\$2.13
Standard Deviation⁴		10.4	\$23.00	1.8	0.7	0.5	0.3	0.5	0.02	\$0.05
Maximum⁴		151.3	\$325.56	58.9	14.8	9.3	4.5	61.8	1.29	\$2.20
Minimum⁴		117.9	\$248.36	50.5	12.4	7.1	3.0	59.9	1.22	\$2.02

**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.)	2.08
White Grease (\$ / lb.)	0.19
DDG (\$ / ton)	95
48% Soy Meal (\$ / ton)	205

¹ Value is determined by the current price for corn (\$2.08) 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.