



2004 Strip Plots

ISU Grain Quality Laboratory

Results: Ventura High School FFA Corn 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 | |
| Pioneer | 35Y65 | 174.1 | \$280.52 | 54.1 | 22.6 | 6.5 | 3.4 | 61.7 | 1.25 | \$1.70 | |
| Pioneer | 35Y67 | 171.1 | \$272.83 | 53.9 | 23.2 | 6.5 | 3.3 | 61.5 | 1.26 | \$1.69 | |
| Farm Advantange | 962 Bt | 169.7 | \$299.09 | 54.8 | 17.1 | 6.2 | 3.9 | 61.6 | 1.23 | \$1.73 | |
| Farm Advantange | 962 | 165.0 | \$291.25 | 55.0 | 17.0 | 5.8 | 3.6 | 62.1 | 1.24 | \$1.67 | |
| Midwest Genetics | G7122 | 164.1 | \$281.51 | 52.6 | 18.8 | 6.1 | 3.5 | 61.9 | 1.22 | \$1.68 | |
| Croplan | 503Bt | 162.0 | \$270.32 | 52.5 | 20.5 | 5.9 | 3.5 | 61.9 | 1.23 | \$1.67 | |
| Midwest Genetics | G7124B | 158.1 | \$257.31 | 53.3 | 22.0 | 6.0 | 3.6 | 61.6 | 1.23 | \$1.69 | |
| Croplan | 503RR | 149.7 | \$248.57 | 52.4 | 20.8 | 5.9 | 3.3 | 62.1 | 1.22 | \$1.65 | |
| NK | N60-N2 | 144.1 | \$233.76 | 51.1 | 22.2 | 5.7 | 3.2 | 61.7 | 1.24 | \$1.63 | |
| NK | N60-B6 | 136.4 | \$208.43 | 51.9 | 25.6 | 6.0 | 3.2 | 61.9 | 1.25 | \$1.65 | |
| Midwest Genetics | G6963B | 134.3 | \$230.07 | 54.0 | 18.9 | 5.8 | 3.7 | 61.7 | 1.23 | \$1.68 | |
| Midwest Genetics | G6961 | 131.5 | \$224.12 | 54.0 | 19.2 | 5.8 | 3.9 | 62.5 | 1.23 | \$1.70 | |
| Wyllfells | W3810 | 123.7 | \$200.96 | 53.9 | 22.1 | 5.9 | 3.5 | 62.0 | 1.25 | \$1.67 | |
| Wyllfells | W3813 YG | 114.9 | \$188.87 | 53.3 | 21.4 | 6.1 | 3.5 | 61.8 | 1.25 | \$1.68 | |
| Dekalb | DKC 51-41 | 108.1 | \$186.66 | 53.4 | 18.4 | 5.7 | 3.5 | 61.9 | 1.22 | \$1.66 | |
| Dekalb | DKC 50-18 | 102.8 | \$172.76 | 53.4 | 20.1 | 5.7 | 3.6 | 61.7 | 1.23 | \$1.67 | |
| Averages⁴ | | 144.4 | \$240.44 | 53.4 | 20.6 | 6.0 | 3.5 | 61.9 | 1.24 | \$1.68 | |
| Standard Deviation⁴ | | 23.5 | \$40.61 | 1.0 | 2.3 | 0.3 | 0.2 | 0.2 | 0.01 | \$0.02 | |
| Maximum⁴ | | 174.1 | \$299.09 | 55.0 | 25.6 | 6.5 | 3.9 | 62.5 | 1.26 | \$1.73 | |
| Minimum⁴ | | 102.8 | \$172.76 | 51.1 | 17.0 | 5.7 | 3.2 | 61.5 | 1.22 | \$1.63 | |

**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.) | 0.155 |
| DDG (\$ / ton) | 100 |
| 48% Soy Meal (\$ / ton) | 160 |

¹ Value is determined by the current price for corn (\$1.82) 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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