



2006 Strip Plots

ISU Grain Quality Laboratory

Results: Heart of Iowa Coop - Dayton

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 | |
| Crow's | 4940T | 213.3 | \$663.72 | 58.4 | 18.6 | 6.6 | 3.4 | 61.2 | 1.26 | \$3.12 |
| LG | 2540 | 203.4 | \$640.15 | 57.1 | 17.3 | 6.5 | 3.5 | 61.5 | 1.25 | \$3.13 |
| Pioneer | 34N45 | 198.9 | \$623.13 | 59.2 | 17.8 | 6.5 | 3.3 | 62.2 | 1.29 | \$3.11 |
| LG | 2533 | 197.2 | \$621.78 | 58.0 | 17.1 | 7.5 | 3.5 | 60.5 | 1.26 | \$3.18 |
| Dekalb | DKC52-47 | 192.7 | \$613.84 | 56.6 | 15.9 | 7.3 | 3.4 | 60.7 | 1.25 | \$3.16 |
| Crow's | 3935T | 187.5 | \$593.20 | 59.7 | 16.7 | 7.5 | 3.7 | 60.7 | 1.30 | \$3.19 |
| Dekalb | DKC60-19 | 185.3 | \$569.88 | 58.5 | 19.9 | 7.3 | 3.4 | 60.7 | 1.30 | \$3.16 |
| Pioneer | 34A17 | 166.7 | \$519.45 | 58.6 | 18.4 | 7.9 | 3.5 | 60.1 | 1.28 | \$3.20 |
| Averages⁴ | | 193.1 | \$605.64 | 58.3 | 17.7 | 7.1 | 3.5 | 61.0 | 1.27 | \$3.16 |
| Standard Deviation⁴ | | 13.9 | \$44.82 | 1.0 | 1.2 | 0.5 | 0.1 | 0.7 | 0.02 | \$0.03 |
| Maximum⁴ | | 213.3 | \$663.72 | 59.7 | 19.9 | 7.9 | 3.7 | 62.2 | 1.30 | \$3.20 |
| Minimum⁴ | | 166.7 | \$519.45 | 56.6 | 15.9 | 6.5 | 3.3 | 60.1 | 1.25 | \$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 (\$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.