



2015 Strip Plots

ISU Grain Quality Laboratory

Results: Black Hawk County

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) | Ethanol Yld (gal/bu) | EPVBF ⁴ (\$ / Bu.) |
|---------------------------------|--------------|------------------------------------|-----------------------------------|--|--------------------------------------|------------------|--------------|-----------------|------------------------|---------------------------|------------------------------------|
| Long Term Iowa Averages: | | | | | | | | | | | |
| | | | | | | 8.0 | 3.6 | 60.0 | 1.270 | | |
| Stine | 9635SS | 236.0 | \$1,011.21 | 57.8 | 17.3 | 5.9 | 3.5 | 62.2 | 1.230 | 2.97 | \$3.42 |
| LG | LG5618VT2 | 230.8 | \$980.78 | 58.3 | 18.0 | 6.3 | 3.5 | 62.2 | 1.260 | 2.95 | \$3.48 |
| Mycogen | 2A627 | 230.3 | \$952.27 | 54.6 | 20.3 | 6.3 | 3.3 | 61.7 | 1.210 | 2.95 | \$3.45 |
| Dekalb | DKC6154 | 229.8 | \$975.35 | 58.0 | 18.1 | 6.8 | 3.5 | 61.7 | 1.260 | 2.92 | \$3.55 |
| Pioneer | 1197AM | 228.6 | \$980.48 | 56.4 | 17.2 | 6.6 | 3.1 | 61.7 | 1.210 | 2.93 | \$3.47 |
| LG | LG5548STX | 227.8 | \$963.72 | 57.4 | 18.4 | 6.0 | 3.7 | 62.1 | 1.250 | 2.96 | \$3.46 |
| Channel | 209-53STX | 226.0 | \$966.22 | 57.0 | 17.5 | 5.8 | 3.4 | 62.5 | 1.230 | 2.98 | \$3.39 |
| Wyffels | W7108 | 223.1 | \$959.30 | 59.7 | 17.0 | 5.9 | 3.3 | 62.5 | 1.240 | 2.97 | \$3.39 |
| Pioneer | 0506YHR | 222.7 | \$976.71 | 57.8 | 15.3 | 7.2 | 3.3 | 61.3 | 1.230 | 2.90 | \$3.59 |
| NK | N60F-3111 | 220.4 | \$943.37 | 55.2 | 17.4 | 6.1 | 3.4 | 61.7 | 1.190 | 2.95 | \$3.43 |
| Cornelius | C574DP | 217.3 | \$944.07 | 56.4 | 16.1 | 6.4 | 3.5 | 61.4 | 1.200 | 2.94 | \$3.49 |
| Nu Tech | 5F-504AM | 214.8 | \$933.31 | 57.7 | 16.1 | 7.1 | 2.9 | 62.1 | 1.270 | 2.92 | \$3.51 |
| Dekalb | DKC6179 | 214.4 | \$927.13 | 56.1 | 16.5 | 6.8 | 3.2 | 61.6 | 1.230 | 2.92 | \$3.51 |
| Wyffels | W3998 | 211.2 | \$926.21 | 58.0 | 15.3 | 6.5 | 3.5 | 61.9 | 1.260 | 2.94 | \$3.51 |
| Legend | LR9509 GNSS | 208.6 | \$915.76 | 59.1 | 15.2 | 7.4 | 3.2 | 61.5 | 1.280 | 2.90 | \$3.60 |
| Prairie Brand | PB5785RA | 205.9 | \$906.96 | 56.6 | 14.9 | 7.2 | 3.9 | 60.6 | 1.250 | 2.89 | \$3.67 |
| Channel | 205-19STX | 203.8 | \$897.72 | 57.1 | 14.9 | 6.8 | 3.5 | 61.7 | 1.260 | 2.92 | \$3.55 |
| Stine | 9740VT2PRO | 200.1 | \$849.35 | 56.0 | 18.1 | 6.4 | 3.0 | 62.1 | 1.220 | 2.95 | \$3.42 |
| Cornelius | C338DPDG | 199.5 | \$887.63 | 54.6 | 14.0 | 6.2 | 3.4 | 61.6 | 1.180 | 2.95 | \$3.45 |
| Prairie Brand | PB5815RA | 193.2 | \$843.14 | 57.5 | 15.7 | 7.1 | 3.6 | 61.2 | 1.270 | 2.91 | \$3.61 |
| Rob-Seed-Co | IC5736-3111A | 190.7 | \$816.12 | 55.7 | 17.4 | 6.5 | 3.4 | 61.7 | 1.240 | 2.94 | \$3.49 |
| NK | N45P-3011A | 176.4 | \$784.25 | 56.3 | 14.1 | 7.0 | 3.0 | 61.6 | 1.220 | 2.91 | \$3.51 |
| Mycogen | 2V709 | 175.8 | \$735.52 | 56.2 | 19.3 | 6.6 | 3.3 | 61.3 | 1.220 | 2.93 | \$3.49 |
| Rob-Seed-Co | IC5112-3011A | 174.6 | \$763.72 | 56.9 | 15.5 | 7.2 | 3.2 | 61.3 | 1.240 | 2.90 | \$3.57 |
| Nu Tech | 5I-805AMXT | 155.1 | \$679.50 | 57.2 | 15.4 | 7.3 | 3.0 | 61.7 | 1.260 | 2.90 | \$3.56 |
| Legend | 40J501 RR | 145.2 | \$648.19 | 56.8 | 13.7 | 7.3 | 3.0 | 61.8 | 1.260 | 2.90 | \$3.56 |

| | | | | | | | | | | | |
|--|---------|-------|----------|------|------|-----|-----|------|------|------|--------|
| Check Variety Information: (average values for check strips) | | | | | | | | | | | |
| Prairie Brand | 5825Rab | 234.4 | \$984.00 | 55.3 | 19.1 | 6.4 | 3.4 | 61.9 | 1.23 | 2.94 | \$3.48 |

| | | | | | | | | | | |
|---------------------------------------|-------|------------|------|------|-----|-----|------|------|------|--------|
| Averages⁵ | 206.2 | \$891.08 | 56.9 | 16.5 | 6.6 | 3.3 | 61.7 | 1.24 | 2.93 | \$3.51 |
| Standard Deviation⁵ | 24.2 | \$98.03 | 1.2 | 1.7 | 0.5 | 0.2 | 0.4 | 0.03 | 0.03 | \$0.07 |
| Maximum⁵ | 236.0 | \$1,011.21 | 59.7 | 20.3 | 7.4 | 3.9 | 62.5 | 1.28 | 2.98 | \$3.67 |
| Minimum⁵ | 145.2 | \$648.19 | 54.6 | 13.7 | 5.8 | 2.9 | 60.6 | 1.18 | 2.89 | \$3.39 |

| | | | | | | | | | | | |
|--|--|--|--|--|--|------------------------------------|--|--------|--|--|--|
| YIELD, PROTEIN, OIL, STARCH, TEST WEIGHT, DENSITY and ETHANOL BASIS 15% MOISTURE. | | | | | | | | | | | |
| VALUE IS GROSS REVENUE PER ACRE MINUS 5 CENTS/BU/PT. FOR DRYING. | | | | | | | | | | | |
| DENSITY IS A MEASURE OF KERNEL HARDNESS. | | | | | | | | | | | |
| ¹ Yield is check-adjusted in plots with check strips. ² Value is determined by the current price for corn (\$3.20) 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 the current market price for feed ingredients. ⁵ Averages, Standard Deviation, Maximum, and Minimum values were calculated from plot final results, not including check strips (where applicable). | | | | | | Ingredient Prices for EPVBF | | | | | |
| | | | | | | Corn (\$ / bu.) | | 3.75 | | | |
| | | | | | | White Grease (\$ / lb.) | | 0.260 | | | |
| | | | | | | 48% Soy Meal (\$ / ton) | | 350.00 | | | |
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