



2001 Strip Plots

ISU Grain Quality Laboratory

Results: Clay County Growers Plot Conventional Soybeans

Varieties are listed in order from highest to lowest yield.

| Company | Variety | Yield ¹ (Bu. / A.) | Field Moisture ² (%) | Protein (%) | Oil (%) | Fiber (%) | Sum (P+O) (%) | EPVB ³ (\$ / Bu.) |
|--------------------|---------------|------------------------------------|--------------------------------------|------------------|--------------|----------------|--------------------|-----------------------------------|
| | | Long Term Iowa Averages: | | 35 | 18.5 | 5.0 | 53.5 | |
| Public | MN 1801 | 49.1 | 8.0 | 36.1 | 18.7 | 5.4 | 54.8 | \$5.56 |
| Asgrow | A2553 Conv | 48.0 | 8.6 | 34.9 | 17.4 | 5.7 | 52.3 | \$5.29 |
| N K Brand Seeds | S21-A1 | 47.4 | 7.9 | 35.0 | 18.7 | 5.5 | 53.7 | \$5.44 |
| Stine | 2499-0 | 47.4 | 8.2 | 35.4 | 16.6 | 5.3 | 52.0 | \$5.26 |
| Public | IA 2021 | 47.1 | 8.1 | 34.2 | 18.1 | 5.3 | 52.3 | \$5.29 |
| Ramy Int Limited | R2575 CN | 46.7 | 8.6 | 36.9 | 16.9 | 5.1 | 53.8 | \$5.44 |
| Patriot | 23K00 | 46.7 | 8.5 | 35.4 | 17.8 | 5.5 | 53.2 | \$5.39 |
| Dekalb | DKB23-95 Conv | 46.5 | 8.1 | 36.5 | 17.3 | 5.5 | 53.8 | \$5.45 |
| Prairie Brand Seed | PB202 | 46.3 | 8.2 | 35.8 | 16.8 | 5.7 | 52.6 | \$5.32 |
| SOI | SOI202 | 45.9 | 8.2 | 34.4 | 17.6 | 5.4 | 52.0 | \$5.26 |
| PSA | 2569 | 45.5 | 8.5 | 35.0 | 17.9 | 5.4 | 52.9 | \$5.36 |
| PSA | 6247 | 45.3 | 8.7 | 36.9 | 17.7 | 5.2 | 54.6 | \$5.53 |
| Golden Harvest | 8838 | 45.1 | 8.3 | 34.9 | 17.4 | 5.7 | 52.3 | \$5.37 |
| Prairie Brand Seed | PB230T | 44.6 | 8.6 | 35.3 | 17.7 | 5.6 | 53.0 | \$5.36 |
| Stine | 2180 | 43.9 | 8.4 | 34.8 | 18.2 | 5.3 | 53.0 | \$5.37 |
| SOI | SOI256 | 43.8 | 8.5 | 35.5 | 18.2 | 5.2 | 53.7 | \$5.44 |
| Wilson | 2136 | 43.7 | 8.2 | 36.2 | 17.4 | 5.6 | 53.6 | \$5.43 |
| Mycogen | 5261 | 43.5 | 8.2 | 34.8 | 18.0 | 5.5 | 52.8 | \$5.35 |
| Patriot | 244 | 43.5 | 8.2 | 35.3 | 18.1 | 5.5 | 53.4 | \$5.41 |
| Mycogen | 5191 | 43.4 | 8.7 | 34.4 | 17.4 | 5.8 | 51.8 | \$5.24 |
| Public | IA 1006 | 43.2 | 8.0 | 34.9 | 18.1 | 5.6 | 53.0 | \$5.37 |
| Jacobsen Hybrid | J772 Conv | 42.9 | 8.3 | 35.0 | 17.7 | 5.4 | 52.7 | \$5.33 |
| Patriot | 196 | 40.7 | 8.1 | 36.6 | 18.2 | 5.4 | 54.8 | \$5.55 |
| Hobart Bros | 2215 | 39.2 | 8.5 | 35.4 | 18.0 | 5.7 | 53.4 | \$5.41 |
| Kruger | K 1777 | 33.7 | 8.2 | 36.3 | 18.5 | 5.2 | 54.8 | \$5.55 |
| Hobart Bros | 2690 | 31.7 | 8.4 | 35.2 | 17.0 | 5.7 | 52.2 | \$5.28 |

Check Variety Information: (average values for check strips)

| | | | | | | | | |
|-----------------|------|------|-----|------|------|-----|------|--------|
| Jacobsen Hybrid | J865 | 47.8 | 8.5 | 35.2 | 16.9 | 5.7 | 52.0 | \$5.26 |
|-----------------|------|------|-----|------|------|-----|------|--------|

| | | | | | | | |
|---------------------------------------|------|-----|------|------|-----|------|--------|
| Averages⁴ | 44.0 | 8.3 | 35.4 | 17.7 | 5.5 | 53.2 | \$5.39 |
| Standard Deviation⁴ | 4.0 | 0.2 | 0.8 | 0.6 | 0.2 | 0.9 | \$0.09 |
| Maximum⁴ | 49.1 | 8.7 | 36.9 | 18.7 | 5.8 | 54.8 | \$5.56 |
| Minimum⁴ | 31.7 | 7.9 | 34.2 | 16.6 | 5.1 | 51.8 | \$5.24 |

YIELD, PROTEIN, OIL, FIBER, SUM BASIS 13% MOISTURE.

¹ Yield is check-adjusted in plots with check strips.

² Reported moisture content data were provided by the participating plot operator.

³ EPVB is the Estimated Processed Value per Bushel to be used for Feed. It is determined by soybean protein and oil content and the current market price for oil, meal, and hulls.

⁴ Averages, Standard Deviation, Maximum, and Minimum values were calculated from plot final results, not including check strips (where applicable).

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Ingredient Prices for EPVB

| | |
|-------------------------|------|
| Soybeans (\$ / bu.) | 4.92 |
| 48% Soy Meal (\$ / ton) | 148 |
| Soy Oil (\$ / lb.) | 0.18 |
| Millfeed (\$ / lb.) | 0.04 |