



2002 Strip Plots

ISU Grain Quality Laboratory

Results: Palo Alto Soybean Strip Plot

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: | | 35.0 | 18.5 | 5.0 | 53.5 | |
| Latham | EX397RR | 57.9 | 12.0 | 35.2 | 18.8 | 4.7 | 54.0 | \$6.07 |
| DeKalb | DKB23-51 | 57.4 | 11.8 | 35.6 | 18.8 | 4.9 | 54.4 | \$6.12 |
| SOI | 2363RR | 56.6 | 11.7 | 36.1 | 18.7 | 4.8 | 54.8 | \$6.18 |
| Latham | EX647RR | 56.5 | 10.9 | 35.9 | 19.4 | 4.6 | 55.3 | \$6.24 |
| Renze | R2222R | 56.5 | 11.6 | 35.0 | 18.9 | 4.7 | 53.9 | \$6.05 |
| Praire Brand | 2141RR | 56.2 | 12.4 | 34.8 | 19.1 | 4.8 | 53.9 | \$6.05 |
| Asgrow | AG2302 | 56.1 | 11.5 | 36.0 | 18.8 | 4.8 | 54.8 | \$6.17 |
| CROPLAN | RT2373 | 56.1 | 11.7 | 36.4 | 18.3 | 4.7 | 54.7 | \$6.17 |
| Excell-Hobart | 8235RR | 55.8 | 11.8 | 36.5 | 18.3 | 4.7 | 54.8 | \$6.18 |
| Stine | 2463-4 | 55.8 | 10.8 | 35.5 | 19.1 | 4.7 | 54.6 | \$6.14 |
| Praire Brand | 2352RR | 55.7 | 11.1 | 34.9 | 18.4 | 4.9 | 53.3 | \$5.97 |
| Patriot | 21R07 | 55.7 | 11.9 | 35.5 | 18.8 | 4.7 | 54.3 | \$6.11 |
| Garst Agri Pro | 2603RR | 55.7 | 11.0 | 35.7 | 18.8 | 4.7 | 54.5 | \$6.13 |
| Garst Agri Pro | 2332RR | 55.5 | 11.7 | 35.9 | 18.9 | 4.7 | 54.8 | \$6.17 |
| SOI | 2143RR | 55.3 | 12.0 | 34.6 | 18.9 | 4.8 | 53.5 | \$6.00 |
| LG | C2626RR | 55.2 | 11.4 | 35.7 | 19.0 | 4.5 | 54.7 | \$6.16 |
| NK | 24-K4 | 54.8 | 11.0 | 35.1 | 19.1 | 4.9 | 54.2 | \$6.09 |
| Stine | 1918-4 | 54.7 | 12.3 | 35.1 | 19.1 | 4.6 | 54.2 | \$6.09 |
| Pioneer | 92-B38 | 54.6 | 11.7 | 35.7 | 18.7 | 4.7 | 54.4 | \$6.12 |
| Midwest Seed Geneti | GR2255 | 54.2 | 11.8 | 35.6 | 19.1 | 4.7 | 54.7 | \$6.16 |
| Renze | R2312R | 54.0 | 11.5 | 36.9 | 18.2 | 4.8 | 55.1 | \$6.22 |
| Excell-Hobart | 8200 | 53.8 | 11.6 | 35.5 | 19.0 | 4.7 | 54.5 | \$6.13 |
| Pioneer | 92-B75 | 53.7 | 10.9 | 36.4 | 18.7 | 4.7 | 55.1 | \$6.22 |
| Midwest Seed Geneti | GR2485 | 53.5 | 11.1 | 35.3 | 18.0 | 4.9 | 53.3 | \$5.98 |
| Jacobsen | 726R | 53.3 | 10.9 | 37.5 | 17.7 | 4.6 | 55.2 | \$6.24 |
| CROPLAN | RC2223 | 53.0 | 11.7 | 35.6 | 19.3 | 4.7 | 54.9 | \$6.18 |
| Asgrow | AG2601 | 52.4 | 11.4 | 37.8 | 18.2 | 4.5 | 56.0 | \$6.34 |
| Golden Harvest | H2304 | 51.6 | 11.2 | 36.5 | 18.6 | 4.7 | 55.1 | \$6.22 |
| Jacobsen | J710-R | 51.5 | 12.4 | 35.9 | 19.1 | 4.7 | 55.0 | \$6.20 |
| Patriot | 23R19 | 51.2 | 11.4 | 35.6 | 18.8 | 4.8 | 54.4 | \$6.12 |
| Golden Harvest | 2698RR | 50.5 | 12.9 | 35.9 | 17.4 | 4.6 | 53.3 | \$5.98 |
| LG | C2142RR | 49.3 | 12.3 | 36.6 | 18.4 | 4.7 | 55.0 | \$6.21 |
| DeKalb | DKB26-52 | 49.0 | 11.0 | 36.9 | 18.5 | 4.7 | 55.4 | \$6.26 |
| NK | NKS19-V2 | 48.9 | 12.7 | 34.6 | 19.4 | 4.8 | 54.0 | \$6.06 |
| Check Variety Information: (average values for check strips) | | | | | | | | |
| NK | S24-K4 | 54.3 | 11.6 | 34.8 | 19.2 | 4.9 | 54.0 | \$6.06 |
| Averages ⁴ | | | | | | | | |
| | | 54.2 | 11.6 | 35.8 | 18.7 | 4.7 | 54.5 | \$6.14 |
| Standard Deviation ⁴ | | | | | | | | |
| | | 2.4 | 0.5 | 0.8 | 0.5 | 0.1 | 0.6 | \$0.09 |
| Maximum ⁴ | | | | | | | | |
| | | 57.9 | 12.9 | 37.8 | 19.4 | 4.9 | 56.0 | \$6.34 |
| Minimum ⁴ | | | | | | | | |
| | | 48.9 | 10.8 | 34.6 | 17.4 | 4.5 | 53.3 | \$5.97 |

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

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

² Field 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).

Ingredient Prices for EPVB

| | |
|-------------------------|------|
| Soybeans (\$ / bu.) | 5.50 |
| 48% Soy Meal (\$ / ton) | 185 |
| Soy Oil (\$ / lb.) | 0.21 |
| Millfeed (\$ / lb.) | 0.05 |