

PENNSYLVANIA SOYBEAN YIELD CONTEST, 2002
 SPONSORED BY THE
 PENNSYLVANIA SOYBEAN PROMOTION BOARD

| Rank | Grower | Bu/A | County | Brand | Cultivar | Herb Tol |
|------|-------------------|-------|------------|---------|----------|----------|
| 01 | Jason Haycock | 71.23 | Cumberland | Pioneer | 94B01 | RR |
| 02 | Kyle Henninger | 69.44 | Lehigh | DeKalb | DKB36-51 | RR |
| 03 | Jack Coleman | 67.35 | Lancaster | Pioneer | 93B53 | RR |
| 04 | Glen Krall | 59.18 | Lebanon | Pioneer | 93B72 | RR |
| 05 | Barry Rook | 58.62 | Bucks | Asgrow | A3704 | |
| 06 | Stoltzfus Farm | 57.97 | Union | Pioneer | 93B53 | RR |
| 07 | Michael Wilcox | 55.98 | Mercer | Pioneer | 93B01 | RR |
| 08 | D. Richard Snyder | 54.94 | Lycoming | Pioneer | 93B67 | RR |
| 09 | David Wolfskill | 53.60 | Berks | DeKalb | DKB40-51 | RR |
| 10 | Robert More | 50.45 | Lycoming | Pioneer | 93B85 | RR |
| 11 | Robert Dorazio | 48.60 | Fayette | Pioneer | 94B01 | RR |
| 12 | Richard Krieder | 46.17 | Lebanon | Pioneer | 94B13 | RR |
| 13 | Steve Wenger | 43.70 | Lebanon | NK | 542M1 | RR |
| 14 | Jim Bishop | 43.46 | Lycoming | CPS | 6392 | RR |
| 15 | Larry Fry | 42.03 | Lycoming | Pioneer | 93B84 | RR |

| Yield Comparisons: | Ave bu/a |
|--|----------|
| Non-herbicide tolerant cultivars (7% of entries) | 58.62 |
| RR cultivars (93% of entries) | 54.58 |
| Mean | 54.85 |
| Min-till (60% of entries) | 54.52 |
| No-till (33% of entries) | 52.16 |
| Conv-till (7% of entries) | 71.23 |
| Drill (73% of entries) | 55.98 |
| Corn planter (27% of entries) | 51.73 |
| Planted May 10 or earlier (29% of entries) | 58.70 |
| Planted May 11 to 20 (21% of entries) | 56.15 |
| Planted May 21 to 30 (36% of entries) | 55.07 |
| Planted June 1 or after (14% of entries) | 50.32 |
| Rows 10" or less (60% of entries) | 56.11 |
| Rows 11" to 20" (33% of entries) | 53.46 |
| Rows 30" (7% of entries) | 50.45 |

2002 PRODUCTION SUMMARY

Plant Populations:

Drills averaged 188,295 plants per acre

Corn planters averaged 142,296 plants per acre

Rhizobia Inoculation:

100% inoculated

Rotary Hoe:

No one rotary hoed

Cultivation:

No one cultivated

Plant Lodging:

33% reported 10% or greater plant lodging

Weed Control:

100% reported good to excellent weed control

73% used Roundup herbicide

20% used Touchdown herbicide

80% used only glyphosates

13% used glyphosates plus residuals

7% used only residuals

Of those using glyphosates, 71% used one application

Fertilizer:

47% used fertilizer or manure

33% used some nitrogen

80% used P and K fertilizer or manure the previous year

Lime:

Only 7% limed this year, 27% limed the previous year

Soil Test:

60% reported a soil test within the last 3 years

Harvest Date:

Mean date – Nov 3, Range – Sept 26 to Nov 25