

2014 Soybean Top 30 Performance Summary for Pennsylvania Southeast [PASE]



All-Season Test

Maturity Group 2.8 - 3.8

S2014PASE

Top 24 of 24

For Gross Income (Sorted by Yield), (12) Replication Average

| Company/Brand | Product/Brand† | Technol.† | Mat. | SCN Resist. | Seed Trmt.† | Yield Bu/A | Protein % | Oil % | Moisture % | Lodging % | Gross Income | Hanover | Northumberland | State College | |
|---------------|----------------|-----------|------|-------------|-------------|------------|-----------|-------|------------|-----------|--------------|-------------|----------------|---------------|-------------|
| Hubner | H32-13R2 | RR2Y | 3.20 | R | AC,PV | 70.5 | | | 11.1 | 7 | \$706 | 57.7 | 85.7 | 69.9 | 68.8 |
| Mid-Atlantic | MAS3815NRR2 | RR2Y | 3.80 | MR | PS | 68.2 | | | 11.6 | 5 | \$683 | 55.7 | 81.4 | 70.7 | 64.9 |
| Pioneer | P34T07R2 GC | RR2Y | 3.40 | MR | EE,G | 67.9 | | | 11.5 | 9 | \$680 | 56.7 | 88.3 | 65.7 | 60.7 |
| Asgrow | AG3034 GC | RR2Y | 3.00 | R | ACi | 67.4 | | | 10.8 | 5 | \$675 | 41.8 | 79.7 | 78.1 | 69.8 |
| TA Seeds | TS3449R2 | RR2Y | 3.40 | R | AVB | 67.0 | | | 11.0 | 4 | \$671 | 50.6 | 84.6 | 65.3 | 67.5 |
| Asgrow | AG3334 GC | RR2Y | 3.30 | MR | ACi | 66.8 | | | 11.2 | 3 | \$669 | 49.6 | 81.0 | 68.4 | 68.2 |
| TA Seeds | TS3759R2 | RR2Y | 3.70 | R | AVB | 66.8 | | | 11.5 | 6 | \$669 | 47.8 | 86.4 | 64.2 | 68.7 |
| Hubner | H37-14R2SR | RR2Y,ST | 3.70 | MR | AC,PV | 66.5 | | | 11.8 | 12 | \$666 | 50.0 | 77.1 | 68.1 | 70.7 |
| TA Seeds | TS2849R2S | RR2Y,ST | 2.80 | R | AVB | 66.5 | | | 11.1 | 13 | \$666 | 50.5 | 88.0 | 61.9 | 65.7 |
| Mycogen | 5N312R2 | RR2Y | 3.10 | R | CCB | 66.4 | | | 11.1 | 6 | \$665 | 51.4 | 83.5 | 64.4 | 66.4 |
| Hubner | H42-13R2 | RR2Y | 4.20 | R | AC,PV | 66.4 | | | 12.2 | 6 | \$665 | 51.2 | 79.0 | 74.2 | 61.0 |
| Mid-Atlantic | MAS3113NRR2 | RR2Y | 3.10 | MR | PS | 65.8 | | | 11.2 | 11 | \$659 | 51.9 | 82.5 | 64.7 | 63.9 |
| Mycogen | 5N342R2 | RR2Y | 3.40 | R | CCB | 65.5 | | | 11.3 | 7 | \$656 | 44.7 | 78.1 | 71.4 | 67.7 |
| Mid-Atlantic | MAS3889NRR2/ST | RR2Y,ST | 3.80 | MR | PS | 64.9 | | | 12.3 | 17 | \$650 | 59.9 | 79.4 | 57.4 | 62.7 |
| Hubner | H34-15R2 | RR2Y | 3.40 | R | AC,PV | 64.9 | | | 11.4 | 18 | \$650 | 47.3 | 82.6 | 61.3 | 68.4 |
| Doebler | RPM DB2812RR^ | RR | 2.80 | R | EE,G | 64.7 | | | 11.4 | 1 | \$648 | 47.3 | 80.6 | 67.3 | 63.7 |
| Doebler | RPM DB3315RR^ | RR | 3.30 | R | EE,G | 64.4 | | | 10.7 | 2 | \$645 | 46.9 | 81.1 | 64.0 | 65.4 |
| Dyna-Gro | S35RY83 | RR2Y | 3.50 | R | CMBV | 64.4 | | | 11.2 | 7 | \$645 | 43.5 | 79.4 | 69.1 | 65.5 |
| Pioneer | P35T58R2 GC | RR | 3.50 | R | EE,G | 63.8 | | | 11.1 | 15 | \$639 | 51.3 | 70.6 | 70.0 | 63.1 |
| TA Seeds | TS3159R2 | RR2Y | 3.10 | R | AVB | 62.8 | | | 10.9 | 6 | \$629 | 42.6 | 75.4 | 65.9 | 67.3 |
| Dyna-Gro | S29RY05 | RR2Y | 2.90 | R | CMBV | 61.0 | | | 11.1 | 9 | \$611 | 42.7 | 73.4 | 63.6 | 64.1 |
| Mid-Atlantic | MAS3689NRR2 | RR2Y | 3.60 | MR | PS | 60.9 | | | 11.4 | 18 | \$610 | 50.5 | 71.1 | 61.0 | 61.0 |
| Mycogen | 5N385R2 | RR2Y | 3.80 | R | CCB | 60.2 | | | 12.1 | 15 | \$603 | 48.9 | 67.8 | 64.9 | 59.3 |
| Dyna-Gro | S36RY24 | RR2Y | 3.60 | R | CMBV | 60.1 | | | 12.1 | 26 | \$602 | 53.0 | 76.2 | 53.7 | 57.4 |

Funding for Protein Analysis Unavailable

Funding for Oil Analysis Unavailable

Robin Kauffman

Rob Kauffman
rkmaits@aol.com, (717) 413-0764

| | | | | | | | | | | |
|----------------|-------------|--|--|-------------|-----------|--------------|-------------|-------------|-------------|-------------|
| Test Average = | 65.2 | | | 11.4 | 10 | \$653 | 49.7 | 79.7 | 66.1 | 65.1 |
| LSD (0.10) = | 5.4 | | | 0.8 | 9 | | 9.3 | 6.4 | 6.1 | 4.9 |
| LSD (0.25) = | 3.8 | | | 0.5 | 6 | | 6.4 | 4.4 | 4.2 | 3.4 |

Yield & Income Factors Base Moisture = 13.0% Shrink = 1.3 Drying = 0.020 Price = \$10.02 Local GMO \$10.02 Non-GMO

† See last page for additional information. Dark shaded row identifies the check product found in early- and full-season tests. **Bold** results are significantly above test average by LSD (0.10). **ns** = not significantly different; ‡ = 2 reps.

Report date: 11/2/2014 Revised:
Additional reports available at www.firstseedtests.com.

AgSCI Copyright 2014

2014 Soybean - Pennsylvania Southeast [PASE]



All-Season Test Products (24 Total)

| Company/Brand | Product/Brand | Technol. | Mat. | SCN |
|---------------|-----------------|----------|------|-----|
| Asgrow | AG3034 GC | RR2Y | 3.00 | R |
| Asgrow | AG3334 GC | RR2Y | 3.30 | MR |
| Doebblers | RPM DB2812RR^ | RR | 2.80 | R |
| Doebblers | RPM DB3315RR^ | RR | 3.30 | R |
| Dyna-Gro | S29RY05 | RR2Y | 2.90 | R |
| Dyna-Gro | S35RY83 | RR2Y | 3.50 | R |
| Dyna-Gro | S36RY24 | RR2Y | 3.60 | R |
| Hubner | H32-13R2 | RR2Y | 3.20 | R |
| Hubner | H34-15R2 | RR2Y | 3.40 | R |
| Hubner | H37-14R2SR | RR2Y,ST | 3.70 | MR |
| Hubner | H42-13R2 | RR2Y | 4.20 | R |
| Mid-Atlantic | MAS3113NRR2 | RR2Y | 3.10 | MR |
| Mid-Atlantic | MAS3689NRR2 | RR2Y | 3.60 | MR |
| Mid-Atlantic | MAS3815NRR2 | RR2Y | 3.80 | MR |
| Mid-Atlantic | MAS3889NRR2/STS | RR2Y,ST | 3.80 | MR |
| Mycogen | 5N312R2 | RR2Y | 3.10 | R |
| Mycogen | 5N342R2 | RR2Y | 3.40 | R |
| Mycogen | 5N385R2 | RR2Y | 3.80 | R |
| Pioneer | P34T07R2 GC | RR2Y | 3.40 | MR |
| Pioneer | P35T58R2 GC | RR | 3.50 | R |
| TA Seeds | TS2849R2S | RR2Y,ST | 2.80 | R |
| TA Seeds | TS3159R2 | RR2Y | 3.10 | R |
| TA Seeds | TS3449R2 | RR2Y | 3.40 | R |
| TA Seeds | TS3759R2 | RR2Y | 3.70 | R |
| | | | | |
| | | | | |

| Company/Brand | Product/Brand | Technol. | Mat. | SCN |
|---------------|---------------|----------|------|-----|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

| Company/Brand | Product/Brand | Technol. | Mat. | SCN |
|---------------|---------------|----------|------|-----|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

Footnotes and Abbreviation Descriptions

Brand Footnotes

| | |
|----|---|
| ^ | G2® brand seed is distributed by NuTech Seed, LLC. HPT® brand seed is distributed by Hoegemeyer Hybrids, Inc. RPM® brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPMaxx® brand seed is distributed by AgVenture, Inc. XL® and Phoenix® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMaxx® and XL® are registered trademarks of DuPont Pioneer. |
| CK | Identifies a check product included in early- and full-season tests. |
| GC | Grower Comparison product included by F.I.R.S.T. when space permits. |
| § | United Soybean Board sponsored entry |

Soybean Technologies

| | |
|------|---------------------------------|
| LL | LibertyLink® |
| None | Conventional, non-GMO |
| RR | Roundup Ready® Soybeans |
| RR2Y | Genuity® Roundup Ready 2 Yield® |
| ST | Sulfonylurea herbicide tolerant |

Soybean Cyst Nematode (SCN) Resistance Rating

| | |
|-----|---------------------|
| S | susceptible |
| MR | moderate resistance |
| R | resistant |
| n/a | info unavailable |

Soybean Seed Treatments*

| | | | | | |
|-----|---|------|----------------------------------|------|--------------------------------|
| ? | Information not provided | C | Cruiser® | I | Inovate™ System |
| A | Allegiance® | CCB | Clariva Complete Beans | M | Maxim® |
| AC | Acceleron® fungicide products | CMB | CruiserMaxx® Beans | None | untreated |
| ACi | Acceleron® fungicide and insecticide products | CMBV | CruiserMaxx® Beans with Vibrance | PS | ProShield™ (Mid-Atlantic Seed) |
| AM | ApronMaxx® | DST | Dominance ST | PV | Poncho®/Votivo® |
| AP | Apron XL® | EE | Evergol™ Energy | SS+ | Soyshield Plus™ |
| AVB | Avicta® Complete Beans | G | Gacho® | T | Trilex® |

* Seed treatments may include unspecified plant health promoting components.