

**2014 Soybean Top 30 Harvest Report**  
 Pennsylvania Southeast [ PASE ] MARTINSBURG  
 Jim Smith, Blair County, PA 16673



PREV. CROP/HERB: Corn, 2+ yr / Prowl, atrazine, Status  
 SOIL DESCRIPTION: Silt loam, mod. well drained, non-irrigated  
 SOIL CONDITIONS: Mod. High P, moderate K, 6.4 pH, 3.3 % OM  
 TILLAGE/CULTIVATION: No-till  
 PEST MANAGEMENT: Credit Extra  
 SEEDED - RATE - ROW: May 30 180,000 /A 15" Spacing  
 HARVESTED - STAND: Oct 30 178,800 /A

**All-Season Test**  
**2.8 - 3.8 Day RM**  
 S2014PASE05

**Top 24 of 24**  
 For Gross Income (Sorted by Yield)  
 Average of (3) Replications

| Company/Brand | Product/Brand† | Technol.† | Mat. | SCN Resist. | Seed Trmt.† | Yield Bu/A  | Moisture % | Lodging % | Stand (x 1000) | Gross Income |
|---------------|----------------|-----------|------|-------------|-------------|-------------|------------|-----------|----------------|--------------|
| Pioneer       | P34T07R2 GC    | RR2Y      | 3.40 | MR          | EE,G        | <b>88.3</b> | 9.0        | 3         | 174.2          | \$885        |
| TA Seeds      | TS2849R2S      | RR2Y,ST   | 2.80 | R           | AVB         | <b>88.0</b> | 8.8        | 6         | 182.0          | \$882        |
| TA Seeds      | TS3759R2       | RR2Y      | 3.70 | R           | AVB         | <b>86.4</b> | 9.0        | 6         | 185.9          | \$866        |
| Hubner        | H32-13R2       | RR2Y      | 3.20 | R           | AC,PV       | 85.7        | 8.9        | 6         | 182.0          | \$859        |
| TA Seeds      | TS3449R2       | RR2Y      | 3.40 | R           | AVB         | 84.6        | 8.8        | 7         | 182.0          | \$848        |
| Mycogen       | 5N312R2        | RR2Y      | 3.10 | R           | CCB         | 83.5        | 8.9        | 4         | 174.2          | \$837        |
| Hubner        | H34-15R2       | RR2Y      | 3.40 | R           | AC,PV       | 82.6        | 8.9        | 3         | 174.2          | \$828        |
| Mid-Atlantic  | MAS3113NRR2    | RR2Y      | 3.10 | MR          | PS          | 82.5        | 9.2        | 5         | 185.9          | \$827        |
| Mid-Atlantic  | MAS3815NRR2    | RR2Y      | 3.80 | MR          | PS          | 81.4        | 9.5        | 6         | 174.2          | \$816        |
| Doebblers     | RPM DB3315RR^  | RR        | 3.30 | R           | EE,G        | 81.1        | 8.6        | 2         | 178.1          | \$813        |
| Asgrow        | AG3334 GC      | RR2Y      | 3.30 | MR          | ACi         | 81.0        | 9.2        | 6         | 178.1          | \$812        |
| Doebblers     | RPM DB2812RR^  | RR        | 2.80 | R           | EE,G        | 80.6        | 8.9        | 1         | 178.1          | \$808        |
| Asgrow        | AG3034 GC      | RR2Y      | 3.00 | R           | ACi         | 79.7        | 8.7        | 6         | 178.1          | \$799        |
| Dyna-Gro      | S35RY83        | RR2Y      | 3.50 | R           | CMBV        | 79.4        | 8.8        | 6         | 178.1          | \$796        |
| Mid-Atlantic  | MAS3889NRR2/ST | RR2Y,ST   | 3.80 | MR          | PS          | 79.4        | 9.9        | 19        | 182.0          | \$796        |
| Hubner        | H42-13R2       | RR2Y      | 4.20 | R           | AC,PV       | 79.0        | 9.4        | 7         | 182.0          | \$792        |
| Mycogen       | 5N342R2        | RR2Y      | 3.40 | R           | CCB         | 78.1        | 9.0        | 7         | 178.1          | \$783        |
| Hubner        | H37-14R2SR     | RR2Y,ST   | 3.70 | MR          | AC,PV       | 77.1        | 9.4        | 11        | 170.3          | \$773        |
| Dyna-Gro      | S36RY24        | RR2Y      | 3.60 | R           | CMBV        | 76.2        | 9.5        | 14        | 185.9          | \$764        |
| TA Seeds      | TS3159R2       | RR2Y      | 3.10 | R           | AVB         | 75.4        | 8.7        | 6         | 166.5          | \$756        |
| Dyna-Gro      | S29RY05        | RR2Y      | 2.90 | R           | CMBV        | 73.4        | 8.7        | 14        | 182.0          | \$735        |
| Mid-Atlantic  | MAS3689NRR2    | RR2Y      | 3.60 | MR          | PS          | 71.1        | 9.1        | 12        | 178.1          | \$712        |
| Pioneer       | P35T58R2 GC    | RR        | 3.50 | R           | EE,G        | 70.6        | 9.0        | 17        | 178.1          | \$707        |
| Mycogen       | 5N385R2        | RR2Y      | 3.80 | R           | CCB         | 67.8        | 9.6        | 17        | 182.0          | \$679        |

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*Robin Kauffman*

Rob Kauffman  
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|                |             |            |          |              |              |
|----------------|-------------|------------|----------|--------------|--------------|
| Test Average = | <b>79.7</b> | <b>9.1</b> | <b>8</b> | <b>178.8</b> | <b>\$799</b> |
| LSD (0.10) =   | 6.4         | 0.4        | 6        |              |              |
| LSD (0.25) =   | 4.4         | 0.3        | 4        |              |              |
| C.V. =         | 5.8         | 3.1        |          |              |              |

|                                   |                       |              |                  |                 |         |
|-----------------------------------|-----------------------|--------------|------------------|-----------------|---------|
| <b>Yield &amp; Income Factors</b> | Base Moisture = 13.0% | Shrink = 1.3 | Drying = \$0.020 | Price = \$10.02 | GMO     |
|                                   |                       |              |                  | \$10.02         | Non-GMO |

**TEST COMMENTS:** *Growing season from beginning to end was outstanding for raising soybeans. Good soil moisture for emergence and plenty of rain throughout the summer, but not in excess. Soybeans were never under stress and looked good and yielded even better than they looked. Overall rating of this test is 8 out of 10. (10=best)*

† See last page for abbreviation descriptions. Results in **bold** are significantly above test average by LSD (0.10). **ns** = column values not significantly different.

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Report date: 11/1/2014 Revised:

**2014 Soybean - Pennsylvania Southeast [ PASE ]**



**All-Season Test Products (24 Total)**

| Company/Brand | Product/Brand   | Technol. | Mat. | SCN | Seed Trt |
|---------------|-----------------|----------|------|-----|----------|
| Asgrow        | AG3034 GC       | RR2Y     | 3.00 | R   | ACi      |
| Asgrow        | AG3334 GC       | RR2Y     | 3.30 | MR  | ACi      |
| Doeblers      | RPM DB2812RR^   | RR       | 2.80 | R   | EE,G     |
| Doeblers      | RPM DB3315RR^   | RR       | 3.30 | R   | EE,G     |
| Dyna-Gro      | S29RY05         | RR2Y     | 2.90 | R   | CMBV     |
| Dyna-Gro      | S35RY83         | RR2Y     | 3.50 | R   | CMBV     |
| Dyna-Gro      | S36RY24         | RR2Y     | 3.60 | R   | CMBV     |
| Hubner        | H32-13R2        | RR2Y     | 3.20 | R   | AC,PV    |
| Hubner        | H34-15R2        | RR2Y     | 3.40 | R   | AC,PV    |
| Hubner        | H37-14R2SR      | RR2Y,ST  | 3.70 | MR  | AC,PV    |
| Hubner        | H42-13R2        | RR2Y     | 4.20 | R   | AC,PV    |
| Mid-Atlantic  | MAS3113NRR2     | RR2Y     | 3.10 | MR  | PS       |
| Mid-Atlantic  | MAS3689NRR2     | RR2Y     | 3.60 | MR  | PS       |
| Mid-Atlantic  | MAS3815NRR2     | RR2Y     | 3.80 | MR  | PS       |
| Mid-Atlantic  | MAS3889NRR2/STS | RR2Y,ST  | 3.80 | MR  | PS       |
| Mycogen       | 5N312R2         | RR2Y     | 3.10 | R   | CCB      |
| Mycogen       | 5N342R2         | RR2Y     | 3.40 | R   | CCB      |
| Mycogen       | 5N385R2         | RR2Y     | 3.80 | R   | CCB      |
| Pioneer       | P34T07R2 GC     | RR2Y     | 3.40 | MR  | EE,G     |
| Pioneer       | P35T58R2 GC     | RR       | 3.50 | R   | EE,G     |
| TA Seeds      | TS2849R2S       | RR2Y,ST  | 2.80 | R   | AVB      |
| TA Seeds      | TS3159R2        | RR2Y     | 3.10 | R   | AVB      |
| TA Seeds      | TS3449R2        | RR2Y     | 3.40 | R   | AVB      |
| TA Seeds      | TS3759R2        | RR2Y     | 3.70 | R   | AVB      |
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| Company/Brand | Product/Brand | Technol. | Mat. | SCN | Seed Trt |
|---------------|---------------|----------|------|-----|----------|
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## 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 are distributed by Beck's Superior Hybrids, Inc. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMaxx® and XL® are registered trademarks of DuPont Pioneer. Phoenix® is a trademark of a Syngenta Group Company. |
| CK | Identifies a check product included in early- and full-season tests.   |
| GC | Grower Comparison product included by FIRST 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                      | DST  | Dominance ST                   |
| A    | Allegiance®                                   | EE   | Evergol™ Energy                |
| AC   | Acceleron® fungicide products                 | G    | Gaucho®                        |
| ACi  | Acceleron® fungicide and insecticide products | I    | Inovate™ System                |
| AM   | ApronMaxx®                                    | M    | Maxim®                         |
| AP   | Apron XL®                                     | None | untreated                      |
| AVB  | Avicta® Complete Beans                        | PS   | ProShield™ (Mid-Atlantic Seed) |
| C    | Cruiser®                                      | PV   | Poncho®/Votivo®                |
| CCB  | Clariva Complete Beans                        | SS+  | Soyshield Plus™                |
| CMB  | CruiserMaxx® Beans                            | T    | Trilex®                        |
| CMBV | CruiserMaxx® Beans with Vibrance              |      |                                |

\* Seed treatments may include unspecified plant health promoting components.