

# 2015 Soybean Top 30 Harvest Report

Delaware Maryland North [ DMNO ] HANOVER  
 Dan Winters, Adams County, PA 17331



Test by: Mid-Atlantic Independent Tech. Svcs., Mount Joy, PA

PREV. CROP/HERB: Soybean  
 SOIL DESCRIPTION: Penlaw silt loam, mod. well drained, non-irrigated  
 SOIL CONDITIONS: Moderate P, moderate K, 4.8 pH, 3.2 % OM  
 TILLAGE/CULTIVATION: No-till  
 PEST MANAGEMENT: glyphosate  
 SEEDED - RATE - ROW: May 27 165,000 /A 15" Spacing  
 HARVESTED - STAND: Nov 17 157,200 /A

**All-Season Test**  
**3.4 - 4.3 Day RM**  
 S2015DMNO02

## Top 30 of 36

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 |
|---------------|-----------------|-----------|------|-------------|-------------|-------------|------------|-----------|----------------|--------------|
| Channel       | 3707R2/SR       | RR2Y,ST   | 3.70 | MR          | ACi         | <b>52.6</b> | 7.9        | 1         | 166.5          | \$426        |
| Asgrow        | AG4135 §        | RR2Y,ST   | 4.10 | R           | ACi         | <b>52.3</b> | 8.1        | 1         | 154.9          | \$424        |
| Hubner        | H45-16R2        | RR2Y      | 4.50 | R           | ACi         | 50.0        | 8.2        | 3         | 162.6          | \$405        |
| Mid-Atlantic  | MAS4355NRR2/STS | RR2Y,ST   | 4.30 | R           | PS          | 49.5        | 8.2        | 2         | 162.6          | \$401        |
| Hubner        | H37-14R2/STS    | RR2Y,ST   | 3.70 | MR          | ACi         | 49.3        | 8.0        | 1         | 158.8          | \$399        |
| TA Seeds      | TS3959R2S       | RR2Y,ST   | 3.90 | R           | TE,AV       | 47.4        | 8.4        | 2         | 162.6          | \$384        |
| Channel       | 4306R2/STS      | RR2Y,ST   | 4.30 | R           | ACi         | 47.2        | 7.7        | 1         | 154.9          | \$382        |
| Mid-Atlantic  | MAS3516NRR2     | RR2Y      | 3.50 | R           | PS          | 47.1        | 8.0        | 2         | 158.8          | \$382        |
| TA Seeds      | TS4269R2S       | RR2Y,ST   | 4.20 | MR          | TE,AV       | 46.7        | 8.0        | 7         | 162.6          | \$378        |
| Mycogen       | 5N385R2         | RR2Y      | 3.80 | R           | CCB         | 46.5        | 8.0        | 1         | 158.8          | \$377        |
| Stine         | 41RH22 §        | RR2Y      | 4.10 | R           | Sfi         | 46.2        | 8.3        | 1         | 158.8          | \$374        |
| Asgrow        | AG4232 §        | RR2Y,ST   | 4.20 | R           | ACi         | 46.2        | 8.6        | 1         | 158.8          | \$374        |
| Mycogen       | 5N433R2         | RR2Y      | 4.30 | R           | CCB         | 45.9        | 8.0        | 2         | 154.9          | \$372        |
| Mycogen       | 5N431R2         | RR2Y      | 4.30 | R           | CCB         | 45.7        | 8.1        | 1         | 158.8          | \$370        |
| Dyna-Gro      | S42RY46         | RR2Y      | 4.20 | R           | CCB         | 45.4        | 8.2        | 2         | 158.8          | \$368        |
| NK Brand      | S37-Z8 §        | RR2Y      | 3.70 | R           | CCB         | 45.3        | 8.2        | 1         | 151.0          | \$367        |
| Stine         | 43RE02 §        | RR2Y      | 4.30 | R           | Sfi         | 44.5        | 8.0        | 1         | 162.6          | \$360        |
| NK Brand      | S39-U2 §        | RR2Y      | 3.90 | R           | CCB         | 43.6        | 8.5        | 1         | 154.9          | \$353        |
| Pioneer       | P39T67R §       | RR        | 3.90 | R           | EE,C,CI     | 43.3        | 8.2        | 1         | 158.8          | \$351        |
| Dyna-Gro      | S40RY25         | RR2Y      | 4.00 | R           | CCB         | 43.3        | 8.4        | 1         | 154.9          | \$351        |
| Stine         | 42RD02 §        | RR2Y,ST   | 4.20 | R           | Sfi         | 43.2        | 8.4        | 1         | 154.9          | \$350        |
| Hubner        | H42-13R2        | RR2Y      | 4.20 | R           | ACi         | 42.9        | 8.4        | 2         | 162.6          | \$347        |
| Channel       | 4009R2          | RR2Y      | 4.00 | R           | ACi         | 42.6        | 8.5        | 1         | 158.8          | \$345        |
| Pioneer       | P46T21R §       | RR        | 4.60 | R           | EE,C,CI     | 41.7        | 8.3        | 1         | 154.9          | \$338        |
| Asgrow        | AG3832 §        | RR2Y      | 3.80 | R           | ACi         | 41.5        | 8.1        | 1         | 154.9          | \$336        |
| NK Brand      | S39-C4 §        | RR2Y      | 3.90 | R           | CCB         | 41.4        | 7.8        | 1         | 158.8          | \$335        |
| Pioneer       | 93Y84 §         | RR        | 3.80 | R           | EE,C,CI     | 41.2        | 7.8        | 1         | 147.1          | \$334        |
| Doebblers     | RPM DB3815RR^   | RR        | 3.80 | R           | DPHB        | 40.6        | 8.4        | 1         | 147.1          | \$329        |
| Hubner        | H35-16R2        | RR2Y      | 3.50 | R           | ACi         | 40.2        | 7.8        | 1         | 158.8          | \$326        |
| Mid-Atlantic  | MAS3889NRR2/STS | RR2Y,ST   | 3.80 | R           | PS          | 39.1        | 8.2        | 1         | 154.9          | \$317        |

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|              |             |            |          |              |              |
|--------------|-------------|------------|----------|--------------|--------------|
| Averages =   | <b>43.8</b> | <b>8.2</b> | <b>1</b> | <b>157.2</b> | <b>\$355</b> |
| LSD (0.10) = | 6.3         | 0.3        | 1        |              |              |
| LSD (0.25) = | 4.4         | 0.2        | 1        |              |              |
| C.V. =       | 10.6        | 2.8        |          |              |              |

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$8.10 GMO; \$8.10 non-GMO

**TEST COMMENTS:** Heavy rains after planting did not hurt stand populations but a dry August kept the yields down for the year.

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

**2015 Soybean - Delaware Maryland North [ DMNO ]**

**All-Season Test Products (36 Total)**

| Company/Brand | Product/Brand   | Technol. | Mat. | SCN | Seed Trt | Company/Brand | Product/Brand | Technol. | Mat. | SCN | Seed Trt |
|---------------|-----------------|----------|------|-----|----------|---------------|---------------|----------|------|-----|----------|
| Asgrow        | AG3832 §        | RR2Y     | 3.80 | R   | ACi      |               |               |          |      |     |          |
| Asgrow        | AG4135 §        | RR2Y,ST  | 4.10 | R   | ACi      |               |               |          |      |     |          |
| Asgrow        | AG4232 §        | RR2Y,ST  | 4.20 | R   | ACi      |               |               |          |      |     |          |
| Channel       | 3707R2/SR       | RR2Y,ST  | 3.70 | MR  | ACi      |               |               |          |      |     |          |
| Channel       | 4009R2          | RR2Y     | 4.00 | R   | ACi      |               |               |          |      |     |          |
| Channel       | 4209R2          | RR2Y     | 4.20 | R   | ACi      |               |               |          |      |     |          |
| Channel       | 4306R2/STS      | RR2Y,ST  | 4.30 | R   | ACi      |               |               |          |      |     |          |
| Doebblers     | RPM DB3516R^    | RR       | 3.50 | R   | DPHB     |               |               |          |      |     |          |
| Doebblers     | RPM DB3815RR^   | RR       | 3.80 | R   | DPHB     |               |               |          |      |     |          |
| Dyna-Gro      | S39RY65         | RR2Y     | 3.90 | R   | CCB      |               |               |          |      |     |          |
| Dyna-Gro      | S40RY25         | RR2Y     | 4.00 | R   | CCB      |               |               |          |      |     |          |
| Dyna-Gro      | S42RY46         | RR2Y     | 4.20 | R   | CCB      |               |               |          |      |     |          |
| Hubner        | H35-16R2        | RR2Y     | 3.50 | R   | ACi      |               |               |          |      |     |          |
| Hubner        | H37-14R2/STS    | RR2Y,ST  | 3.70 | MR  | ACi      |               |               |          |      |     |          |
| Hubner        | H42-13R2        | RR2Y     | 4.20 | R   | ACi      |               |               |          |      |     |          |
| Hubner        | H45-16R2        | RR2Y     | 4.50 | R   | ACi      |               |               |          |      |     |          |
| Mid-Atlantic  | MAS3516NRR2     | RR2Y     | 3.50 | R   | PS       |               |               |          |      |     |          |
| Mid-Atlantic  | MAS3815NRR2     | RR2Y     | 3.80 | R   | PS       |               |               |          |      |     |          |
| Mid-Atlantic  | MAS3889NRR2/STS | RR2Y,ST  | 3.80 | R   | PS       |               |               |          |      |     |          |
| Mid-Atlantic  | MAS4355NRR2/STS | RR2Y,ST  | 4.30 | R   | PS       |               |               |          |      |     |          |
| Mycogen       | 5N385R2         | RR2Y     | 3.80 | R   | CCB      |               |               |          |      |     |          |
| Mycogen       | 5N387R2         | RR2Y     | 3.80 | R   | CCB      |               |               |          |      |     |          |
| Mycogen       | 5N431R2         | RR2Y     | 4.30 | R   | CCB      |               |               |          |      |     |          |
| Mycogen       | 5N433R2         | RR2Y     | 4.30 | R   | CCB      |               |               |          |      |     |          |
| NK Brand      | S37-Z8 §        | RR2Y     | 3.70 | R   | CCB      |               |               |          |      |     |          |
| NK Brand      | S39-C4 §        | RR2Y     | 3.90 | R   | CCB      |               |               |          |      |     |          |
| NK Brand      | S39-U2 §        | RR2Y     | 3.90 | R   | CCB      |               |               |          |      |     |          |
| Pioneer       | 93Y84 §         | RR       | 3.80 | R   | EE,C,Ci  |               |               |          |      |     |          |
| Pioneer       | P39T67R §       | RR       | 3.90 | R   | EE,C,Ci  |               |               |          |      |     |          |
| Pioneer       | P46T21R §       | RR       | 4.60 | R   | EE,C,Ci  |               |               |          |      |     |          |
| Stine         | 41RH22 §        | RR2Y     | 4.10 | R   | Sfi      |               |               |          |      |     |          |
| Stine         | 42RD02 §        | RR2Y,ST  | 4.20 | R   | Sfi      |               |               |          |      |     |          |
| Stine         | 43RE02 §        | RR2Y     | 4.30 | R   | Sfi      |               |               |          |      |     |          |
| TA Seeds      | TS3959R2S       | RR2Y,ST  | 3.90 | R   | TE,AV    |               |               |          |      |     |          |
| TA Seeds      | TS4269R2S       | RR2Y,ST  | 4.20 | MR  | TE,AV    |               |               |          |      |     |          |
| TA Seeds      | TS4469R2S       | RR2Y,ST  | 4.40 | R   | TE,AV    |               |               |          |      |     |          |
|               |                 |          |      |     |          |               |               |          |      |     |          |
|               |                 |          |      |     |          |               |               |          |      |     |          |
|               |                 |          |      |     |          |               |               |          |      |     |          |

## Footnotes and Abbreviation Descriptions

### Brand Footnotes

|    |   |
|----|---|
| ^  | G2® brand seed is distributed by NuTech Seed, LLC. 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® 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 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           |
| ?  | info unavailable    |

### Soybean Seed Treatments\*

|      |   |      |  |
|------|---|------|--|
| ?    | Information not provided                      | En   | Encase®                                |
| AC   | Acceleron® fungicide products                 | G    | Gaucho®                                |
| ACi  | Acceleron® fungicide and insecticide products | Gr   | Great Start™ Max                       |
| AV   | Avicta®                                       | IL   | ILeVO®                                 |
| AVB  | Avicta® Complete Beans                        | IS   | Intego™ Suite                          |
| C    | Cruiser®                                      | None | untreated                              |
| CC   | Curry® Coat                                   | PS   | MAS ProShield™ QV                      |
| CCB  | Clariva™ Complete Beans                       | PV   | Poncho®/Votivo®                        |
| CI   | Clariva™ pn                                   | Ri   | Rizolex™                               |
| CMB  | CruiserMaxx® Beans                            | Sfi  | Stine fungicide & insecticide products |
| CMBV | CruiserMaxx® Beans with Vibrance              | SS+  | Soyshield Plus™                        |
| DPHB | DPH Boost®                                    | T    | Trilex®                                |
| DST  | Dominance™ ST                                 | TE   | Trius Elite                            |
| Ec   | Eclipse™ IM                                   | TT   | Turbo Treat™                           |
| EE   | Evergol™ Energy                               | WCX  | Warden® CX                             |

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