

2014 Soybean Top 30 Harvest Report

Delaware Maryland North [DMNO] WESTMINSTER
Chris Weaver, The Mill, Carroll County, MD 21161



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

PREV. CROP/HERB: Corn
SOIL DESCRIPTION: Sandy clay loam, mod. well drained, non-irrigated
SOIL CONDITIONS: Moderate P, moderate K, 5.8 pH, 4.1 % OM
TILLAGE/CULTIVATION: No-till
PEST MANAGEMENT: Credit Extra
SEEDED - RATE - ROW: Jun 4 180,000 /A 15" Spacing
HARVESTED - STAND: Oct 28 157,700 /A

All-Season Test
3.4 - 4.3 Day RM
S2014DMNO04

Top 30 of 30

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 |
|---------------|----------------|-----------|------|-------------|-------------|-------------|------------|-----------|----------------|--------------|
| Dyna-Gro | S39RY65 | RR2Y | 3.90 | R | CMBV | 87.5 | 8.0 | 1 | 158.7 | \$879 |
| Mid-Atlantic | MAS3815NRR2 | RR2Y | 3.80 | MR | PS | 85.9 | 8.2 | 1 | 147.1 | \$862 |
| Channel | 4206R2 | RR2Y | 4.20 | R | ACi | 84.7 | 8.7 | 5 | 154.9 | \$850 |
| Mycogen | 5N385R2 | RR2Y | 3.80 | R | CCB | 84.3 | 8.5 | 5 | 151.0 | \$846 |
| Asgrow | AG3034 GC | RR2Y | 3.00 | R | ACi | 83.9 | 8.4 | 3 | 162.6 | \$842 |
| Pioneer | P35T58R2 GC | RR | 3.50 | R | EE,G | 82.4 | 8.3 | 13 | 170.4 | \$827 |
| Armor | 36-R76 | RR2Y | 3.60 | R | A,M,C | 82.3 | 8.7 | 10 | 158.7 | \$826 |
| TA Seeds | TS3959R2S | RR2Y,ST | 3.90 | MR | AVB | 82.0 | 8.3 | 6 | 154.9 | \$823 |
| TA Seeds | TS3759R2 | RR2Y | 3.70 | R | AVB | 81.5 | 8.2 | 6 | 162.6 | \$818 |
| Pioneer | P34T07R2 GC | RR2Y | 3.40 | MR | EE,G | 81.3 | 8.0 | 5 | 166.5 | \$816 |
| Hubner | H37-14R2SR | RR2Y,ST | 3.70 | MR | AC,PV | 81.3 | 8.8 | 9 | 166.5 | \$816 |
| Hubner | H42-13R2 | RR2Y | 4.20 | R | AC,PV | 80.4 | 9.0 | 12 | 151.0 | \$807 |
| Mycogen | 5N423R2 | RR2Y,ST | 4.20 | R | CCB | 80.2 | 9.8 | 3 | 170.4 | \$805 |
| Channel | 3808R2 | RR2Y | 3.80 | R | ACi | 79.8 | 8.5 | 7 | 158.8 | \$801 |
| Channel | 3806R2/STS | RR2Y,ST | 3.80 | MR | ACi | 79.3 | 8.3 | 3 | 162.6 | \$796 |
| Doebblers | RPM DB3815RR^ | RR | 3.80 | R | EE,G | 79.0 | 8.9 | 7 | 158.7 | \$793 |
| Dyna-Gro | S40RY25 | RR2Y | 4.00 | R | CMBV | 78.6 | 8.5 | 7 | 139.4 | \$789 |
| Asgrow | AG3334 GC | RR2Y | 3.30 | MR | ACi | 78.3 | 8.4 | 3 | 170.4 | \$786 |
| Channel | 4306R2/STS | RR2Y,ST | 4.30 | R | ACi | 77.6 | 9.6 | 4 | 178.1 | \$779 |
| Dyna-Gro | 39RY43 | RR2Y | 4.30 | R | CMBV | 77.2 | 8.2 | 5 | 151.0 | \$775 |
| TA Seeds | TS4339R2 | RR2Y | 4.30 | R | AVB | 77.0 | 11.0 | 12 | 123.9 | \$773 |
| Mycogen | 5N386R2 | RR2Y,ST | 3.80 | R | CCB | 76.7 | 8.0 | 3 | 166.5 | \$770 |
| Hubner | H44-15R2SR | RR2Y,ST | 4.40 | R | AC,PV | 76.6 | 9.2 | 10 | 151.0 | \$769 |
| Armor | AX4390 | RR2Y | 3.90 | R | A,M,C | 76.2 | 8.3 | 7 | 154.9 | \$765 |
| Mid-Atlantic | MAS3889NRR2/ST | RR2Y,ST | 3.80 | MR | PS | 74.9 | 8.6 | 10 | 151.0 | \$752 |
| Mid-Atlantic | MAS4222NRR2 | RR2Y | 4.20 | MR | PS | 73.1 | 8.2 | 13 | 166.5 | \$734 |
| Hubner | H36-14R2 | RR2Y | 3.60 | MR | AC,PV | 72.9 | 8.8 | 14 | 166.5 | \$732 |
| Doebblers | RPM DB4013RR^ | RR | 4.00 | R | EE,G | 72.6 | 8.7 | 11 | 139.4 | \$729 |
| Mid-Atlantic | MAS3689NRR2 | RR2Y | 3.60 | MR | PS | 72.1 | 8.9 | 20 | 158.7 | \$724 |
| Armor | 43-R43 | RR2Y | 4.30 | R | A,M,C | 70.1 | 9.1 | 6 | 158.7 | \$704 |

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|----------------|-------------|------------|----------|--------------|--------------|
| Test Average = | 79.0 | 8.7 | 7 | 157.7 | \$793 |
| LSD (0.10) = | 6.1 | 0.8 | 8 | | |
| LSD (0.25) = | 4.2 | 0.5 | 6 | | |
| C.V. = | 5.6 | 6.3 | | | |

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|------------------------|-----------------------|--------------|------------------|-----------------|---------|
| Yield & Income Factors | Base Moisture = 13.0% | Shrink = 1.3 | Drying = \$0.020 | Price = \$10.04 | GMO |
| | | | | \$10.04 | Non-GMO |

TEST COMMENTS: Soybeans got off to a good start and with plenty of rain through the summer they looked good right through harvest. 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.

2014 Soybean - Delaware Maryland North [DMNO]



All-Season Test Products (30 Total)

| Company/Brand | Product/Brand | Technol. | Mat. | SCN | Seed Trt |
|---------------|-----------------|----------|------|-----|----------|
| Armor | 36-R76 | RR2Y | 3.60 | R | A,M,C |
| Armor | 43-R43 | RR2Y | 4.30 | R | A,M,C |
| Armor | AX4390 | RR2Y | 3.90 | R | A,M,C |
| Asgrow | AG3034 GC | RR2Y | 3.00 | R | ACi |
| Asgrow | AG3334 GC | RR2Y | 3.30 | MR | ACi |
| Channel | 3806R2/STS | RR2Y,ST | 3.80 | MR | ACi |
| Channel | 3808R2 | RR2Y | 3.80 | R | ACi |
| Channel | 4206R2 | RR2Y | 4.20 | R | ACi |
| Channel | 4306R2/STS | RR2Y,ST | 4.30 | R | ACi |
| Doebblers | RPM DB3815RR^ | RR | 3.80 | R | EE,G |
| Doebblers | RPM DB4013RR^ | RR | 4.00 | R | EE,G |
| Dyna-Gro | 39RY43 | RR2Y | 4.30 | R | CMBV |
| Dyna-Gro | S39RY65 | RR2Y | 3.90 | R | CMBV |
| Dyna-Gro | S40RY25 | RR2Y | 4.00 | R | CMBV |
| Hubner | H36-14R2 | RR2Y | 3.60 | MR | AC,PV |
| Hubner | H37-14R2SR | RR2Y,ST | 3.70 | MR | AC,PV |
| Hubner | H42-13R2 | RR2Y | 4.20 | R | AC,PV |
| Hubner | H44-15R2SR | RR2Y,ST | 4.40 | R | AC,PV |
| 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 |
| Mid-Atlantic | MAS4222NRR2 | RR2Y | 4.20 | MR | PS |
| Mycogen | 5N385R2 | RR2Y | 3.80 | R | CCB |
| Mycogen | 5N386R2 | RR2Y,ST | 3.80 | R | CCB |
| Mycogen | 5N423R2 | RR2Y,ST | 4.20 | R | CCB |
| Pioneer | P34T07R2 GC | RR2Y | 3.40 | MR | EE,G |
| Pioneer | P35T58R2 GC | RR | 3.50 | R | EE,G |
| TA Seeds | TS3759R2 | RR2Y | 3.70 | R | AVB |
| TA Seeds | TS3959R2S | RR2Y,ST | 3.90 | MR | AVB |
| TA Seeds | TS4339R2 | RR2Y | 4.30 | 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

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| ^ | 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.