

2011 BETTER VARIETIES Harvest Report for Mid-Atlantic [MIDA]
 Dan Winters, Adams County, PA 17331 [HANOVER]

S1MIDA02

PREV. CROP/HERB: Corn / Lumax, Credit Extra

SOIL DESCRIPTION: silty clay loam, mod. well drained, non-irrigated

3.4 - 4.1 MAT. GROUP

SOIL CONDITIONS: mod. high P, moderate K, 6.1 pH, 3.5% OM

15" ROW SPACING

TILLAGE/CULTIVATION: conventional w/o fall till

PEST MANAGEMENT: Credit Extra

SEEDED - RATE: May 28 150,000 /A

TOP 24 for YIELD of 24 TESTED

HARVESTED - STAND: Oct 24 144,900 /A

AVERAGE of (3) REPLICATIONS

| Company/Brand | Product/Brand | Technol. [†] | Mat. | SCN Resist. | Seed ^{††} Trmt. | Yield Bu/A | Moisture % | Lodging % | Stand (x 1000) | Gross Income |
|-------------------|---------------|-----------------------|------|-------------|--------------------------|-------------|-------------|------------|----------------|----------------|
| TA Seeds | TS4129R2 | RR2Y | 4.1 | R | A,G | 54.3 | 20.9 | 1.0 | 141.7 | \$664.2 |
| TA Seeds | TS3989RS | RR,STS | 3.9 | R | A,G | 52.3 | 20.8 | 2.0 | 144.0 | \$639.8 |
| NK Brand | S36-B6 GC | RR | 3.6 | S | CM | 52.1 | 19.8 | 1.0 | 146.4 | \$638.4 |
| Hubner | H39-12R2 | RR2Y | 3.9 | R | AC,E | 51.8 | 20.7 | 1.0 | 148.7 | \$633.8 |
| Mid-Atlantic Seed | MAS3802NRR* | RR | 3.8 | MR | AC | 50.3 | 21.2 | 1.0 | 139.4 | \$615.0 |
| Dyna-Gro | 37RY39 | RR2Y | 3.9 | R | AC | 48.6 | 20.1 | 1.0 | 146.4 | \$595.3 |
| Channel | 4102R2 | RR2Y | 4.1 | R | AC | 48.3 | 20.6 | 2.0 | 146.3 | \$591.1 |
| Hubner | H34-12R2 | RR2Y | 3.4 | R | AC,E | 46.0 | 20.8 | 1.0 | 146.4 | \$562.8 |
| TA Seeds | TS3829R2 | RR2Y | 3.8 | R | A,G | 45.6 | 21.1 | 1.0 | 146.4 | \$557.6 |
| Channel | 3402R2 | RR2Y | 3.4 | R | AC | 45.5 | 20.4 | 1.0 | 141.7 | \$557.0 |
| TA Seeds | TS4299RS | RR,STS | 4.2 | R | A,G | 45.3 | 19.5 | 1.0 | 144.0 | \$555.4 |
| Doebler | RPM DB3809RR^ | RR | 3.8 | R | A,G | 44.1 | 20.8 | 1.0 | 148.7 | \$539.5 |
| Dyna-Gro | 36RY38 | RR2Y | 3.8 | R | AC | 44.0 | 20.3 | 1.0 | 141.7 | \$538.7 |
| Channel | 3905R2 | RR2Y | 3.9 | R | AC | 43.7 | 21.1 | 1.0 | 144.0 | \$534.4 |
| Doebler | RPM DB3309RR^ | RR | 3.3 | MR | A,G | 42.7 | 21.7 | 7.3 | 148.7 | \$521.6 |
| Hubner | H36-12R2 | RR2Y | 3.6 | R | AC,E | 42.1 | 20.9 | 1.0 | 148.7 | \$515.0 |
| Mid-Atlantic Seed | MAS3781NRR | RR | 3.7 | R | AC | 41.8 | 20.0 | 1.0 | 141.7 | \$512.1 |
| Doebler | RPM DB3509RR^ | RR | 3.5 | R | A,G | 40.8 | 20.3 | 2.0 | 144.1 | \$499.6 |
| Pioneer | 93Y91 GC | RR | 3.9 | R | AC,E | 40.8 | 21.0 | 1.0 | 148.7 | \$499.0 |
| Channel | 3701R2 | RR2Y | 3.7 | R | AC | 39.4 | 20.7 | 1.0 | 148.7 | \$482.1 |
| Mid-Atlantic Seed | MAS3955RR | RR | 3.9 | R | AC | 38.7 | 21.5 | 1.0 | 139.4 | \$472.9 |
| Hubner | H34-11R2 | RR2Y | 3.4 | R | AC,E | 37.8 | 21.0 | 1.0 | 139.4 | \$462.3 |
| TA Seeds | TS3619RS | RR,STS | 3.6 | MR | A,G | 36.4 | 20.6 | 1.0 | 148.7 | \$445.5 |
| Dyna-Gro | 34RY36 | RR2Y | 3.6 | R | AC | 36.3 | 21.1 | 1.0 | 144.0 | \$443.9 |
| Test Average = | | | | | | 44.5 | 20.7 | 1.4 | 144.9 | \$544.9 |
| LSD (0.10) = | | | | | | 7.2 | 1.0 | 1.2 | | |
| C.V. = | | | | | | 11.8 | 3.4 | | | |

Robin Kauffman
F.I.R.S.T. Manager

TEST COMMENTS: *Extremely dry summer. Plants were very short with pods close to ground. Rains in August did make bean size very large.*

Lat: N39.81815, Long: W-77.01816

Yield & Income Factors: Base Moisture = 13% Shrink = 1.3 Drying = \$0.020 Price = \$12.39

† Technology: RR - Roundup Ready, RR2Y - Roundup Ready 2 Yield, STS - Sulfonyleurea Tol

†† Seed Treatment: A - Allegiance, AC - Accelaron, AM - ApronMaxx, AP - Apron XL, AV - Avicta, CM - CruiserMaxx, E - Excalibre, I - Inovate, G - Gaucho, O - Optimize, T - Trilex, T2 - Trilex 2000, T6 - Trilex 6000, V - Votivo

Results in **bold** are significantly above the test average. GC = grower comparison product, * brands without a seed lot number; ns = not significantly differentComplete list of brands tested & searchable database available at www.firstseedtests.com

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Report Date: 10/25/2011 Revised:



Footnotes, Abbreviations, and Trademarks

Brand Footnotes

^ G2® brand seed is distributed by NuTech Seed, LLC. RPM® brand seed is distributed by Doebler's PA Seed. Supreme EX® brand seed is distributed by Seed Consultants, Inc. XL™ and Phoenix™ brand seeds are distributed by Beck's Superior Hybrids. G2®, RPM®, Supreme EX®, and XL™ are trademarks of Pioneer Hi-Bred.

Technologies

| | |
|----------|---------------------------------------|
| 3000GT | Agrisure® 3000GT |
| 3111 | Agrisure® Viptera™ 3111 |
| AMRW | Optimum® AcreMax™ Rootworm Protection |
| CB/LL | Agrisure® CB/LL |
| CB/LL/RW | Agrisure® CB/LL/RW |
| GT | Agrisure® GT |
| GT/CB/LL | Agrisure® GT/CB/LL |
| HX | HERCULEX® I Insect Protection |
| HXT | HERCULEX® XTRA Insect Protection |
| LL | LibertyLink® herbicide tolerance |
| RR | Roundup Ready® Soybeans |
| RR2 | Roundup Ready® Corn 2 |
| RR2Y | Genuity® Roundup Ready 2 Yield® |
| STX | SmartStax® |
| STS | STS® herbicide tolerance |
| VT2P | Genuity® VT Double PRO™ |
| VT3 | YieldGard VT Triple® |
| VT3P | Genuity® VT Triple PRO™ |

Seed Treatments

| | |
|----|-----------------|
| A | Allegiance® |
| AC | Acceleron® |
| AM | ApronMaxx® |
| AP | Apron XL® |
| AV | Avicta® |
| C | Cruiser® |
| CM | CruiserMaxx® |
| E | Excalibre™ |
| I | Inovate™ System |
| G | Gaucho® |
| O | Optimize® |
| P | Poncho® |
| T | Trilex® |
| T2 | Trilex® 2000 |
| T6 | Trilex® 6000 |
| V | VOTIVO® |

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