

2015 Corn Grain Top 30 Harvest Report

Pennsylvania Southeast [PASE] KUTZTOWN

Jon Stutzman, Berks County, PA 19530



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

PREV. CROP/HERB: Pumpkin / Sonic, 2,4-D, Roundup
 SOIL DESCRIPTION: Clarksburg-Duffield silt loam, moderately drained, no-till, non-irrigated
 SOIL CONDITION: Moderate P, moderate K, 5.4 pH, 3.5% OM
 PEST MANAGEMENT: Roundup, Zidua, Capture, Capreno, atrazine, Headline AMP
 FERTILITY - Applied N: 130 Spring, 65 Planter, 90 Sidedress
 Applied N-P-K (units): 285-0-0
 SEEDED - RATE - ROW: May 6 33,000 /A 30" spacing
 HARVESTED - STAND: Oct 21 35,200 /A

All-Season Test
105 - 115 Day CRM
 B2015PASE08

Top 30 of 54
 For Gross Income (Sorted by Yield)
 Average of (3) Replications

| Company/Brand | Product/Brand† | Technol.† | RM | Yield Bu/A | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|------------------|---------------------|-----------|-----|---------------|---------------|--------------|-------------------|-------------------------|------|
| Dekalb | DKC63-87RIB GC | VT2P,B | 113 | 304.1 | 18.5 | 0 | 35.4 | 1,135 | 1 |
| AgriGold | A6499STXRIB | STX,B | 112 | 301.1 | 18.1 | 0 | 36.8 | 1,127 | 3 |
| TA Seeds | TA736-22DPRIB | VT2P,B | 113 | 296.4 | 17.5 | 0 | 35.2 | 1,114 | 5 |
| Mid-Atlantic | MA8065STX | STX | 106 | 295.2 | 15.0 | 0 | 35.6 | 1,128 | 2 |
| Seed Consultants | SCS 10HR43^ | HX,RR2 | 105 | 293.9 | 15.2 | 1 | 36.0 | 1,121 | 4 |
| TA Seeds | TA636-22DPRIB | VT2P,B | 111 | 293.6 | 17.8 | 0 | 35.9 | 1,101 | 7 |
| Chemgro | 6769RSX | STX | 107 | 292.4 | 15.9 | 0 | 35.5 | 1,110 | 6 |
| Hubner | H4764RC2P | VT2P,B | 114 | 287.4 | 17.4 | 1 | 35.4 | 1,081 | 10 |
| Pioneer | P0506YHR GC | OI,AQ | 105 | 286.5 | 14.6 | 1 | 35.0 | 1,094 | 8 |
| Augusta | A6465VT2Pro | VT2P | 115 | 285.7 | 21.0 | 0 | 34.8 | 1,049 | 17 |
| AgriGold | A6441STX | STX | 109 | 284.6 | 15.1 | 1 | 34.6 | 1,086 | 9 |
| Mid-Atlantic | MA8102VT3P | VT3P | 110 | 284.3 | 16.2 | 2 | 35.4 | 1,077 | 11 |
| Hubner | H4663RC2P | VT2P,B | 113 | 281.8 | 18.9 | 0 | 35.1 | 1,049 | 18 |
| Hubner | H5490RC3P | VT3P,B | 110 | 280.7 | 16.4 | 0 | 36.9 | 1,062 | 12 |
| Dyna-Gro | D51SS54 | STX | 111 | 280.4 | 17.1 | 0 | 35.1 | 1,056 | 13 |
| Steyer | 11103GENSS RIB | STX,B | 111 | 277.8 | 17.9 | 1 | 36.0 | 1,041 | 22 |
| Mycogen | 2V709 | STX,B | 110 | 277.2 | 17.4 | 0 | 35.6 | 1,042 | 21 |
| Mid-Atlantic | MA8127VT2P | VT2P | 112 | 276.5 | 18.7 | 0 | 33.8 | 1,031 | 24 |
| Mid-Atlantic | MA8144VT3P | VT3P | 114 | 276.4 | 18.1 | 0 | 35.9 | 1,034 | 23 |
| Seed Consultants | SCS 1085AM^ | AM,B | 108 | 276.2 | 15.6 | 0 | 34.1 | 1,051 | 15 |
| Steyer | 10503VT2PRORIB | VT2P,B | 105 | 275.7 | 14.3 | 1 | 35.6 | 1,053 | 14 |
| Augusta | A5063VT2Pro | VT2P | 113 | 275.4 | 18.6 | 0 | 35.1 | 1,027 | 25 |
| Seedway | SW6550GENSSRIB GC | STX,B | 109 | 275.1 | 16.0 | 0 | 35.2 | 1,044 | 20 |
| Hubner | H5368RC3P | VT3P,B | 105 | 275.0 | 13.7 | 0 | 33.8 | 1,051 | 16 |
| Mid-Atlantic | MA9076 | None | 107 | 273.5 | 14.3 | 2 | 35.4 | 1,045 | 19 |
| Seedway | SW6620GENSS(RIB) GC | STX,B | 110 | 272.2 | 17.4 | 0 | 36.3 | 1,023 | 26 |
| AgriGold | A6573VT3PRIB | VT3P,B | 114 | 271.5 | 19.2 | 0 | 33.4 | 1,009 | 30 |
| Seed Consultants | SC 10AQ96 | 3111 | 109 | 269.1 | 16.2 | 0 | 36.3 | 1,020 | 28 |
| Chemgro | 7146R3P | VT3P,B | 111 | 268.9 | 17.6 | 0 | 35.8 | 1,010 | 29 |
| Doebler | RPM 5125AM^ | AM,B | 111 | 267.9 | 15.1 | 2 | 37.2 | 1,023 | 27 |

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Averages = **273.3** **17.4** **0** **35.2** **1,027**
 LSD (0.10) = 24.0 1.3 1
 LSD (0.25) = 16.8 0.9 1
 C.V. = 6.5 5.4

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.82; non-GMO = \$3.82

Test Comments: *The only real concern for this plot was at planting if there would be enough moisture for germination. Corn did grow quickly and developed nicely through the summer. Hotter than normal September allowed for quick drydown. Yields do show the great summer for corn in the Oley Valley. Overall rating of the test is 8 out of 10 (10=best).*

† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD (0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different

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Report Date: 10/22/2015

Revised:

2015 Corn Grain - Pennsylvania Southeast [PASE]



All-Season Test Products (54 Total)

| Company/Brand | Product/Brand | Technol. | Seed Trt | RM | Company/Brand | Product/Brand | Technol. | Seed Trt | RM |
|------------------|-------------------|-----------|-------------|-----|---------------|---------------------|----------|----------|-----|
| AgriGold | A6441STX | STX | AC,P5V | 109 | Seedway | SW6620GENSS(RIB) GC | STX,B | CM,C2 | 110 |
| AgriGold | A6462STXRIB | STX,B | AC,P5V | 110 | Steyer | 10503VT2PRORIB | VT2P,B | CM,C2 | 105 |
| AgriGold | A6499STXRIB | STX,B | AC,P5V | 112 | Steyer | 11103GENSS RIB | STX,B | CM,C2 | 111 |
| AgriGold | A6517VT3PRIB | VT3P,B | AC,P5V | 113 | Steyer | 11210VT2PRORIB | VT2P,B | CM,C2 | 112 |
| AgriGold | A6573VT3PRIB | VT3P,B | AC,P5V | 114 | Steyer | 11407VT3PRO RIB | VT3P,B | CM,C2 | 114 |
| AgriGold | A6579STX | STX | AC,P5V | 114 | TA Seeds | TA583-28RIB | STX,B | AVC,C5 | 108 |
| Augusta | A5063VT2Pro | VT2P | AC,P5 | 113 | TA Seeds | TA636-22DPRIB | VT2P,B | AVC,C5 | 111 |
| Augusta | A6465VT2Pro | VT2P | AC,P2 | 115 | TA Seeds | TA736-22DPRIB | VT2P,B | AVC,C5 | 113 |
| Augusta | A6664VT2Pro | VT2P | AC,P2 | 114 | TA Seeds | TA753-22DPRIB | VT2P,B | AVC,C5 | 115 |
| Chemgro | 6769RSX | STX | AC,P5V | 107 | | | | | |
| Chemgro | 6859V3 | 3111 | AVC,C5 | 108 | | | | | |
| Chemgro | 7146R3P | VT3P,B | AC,P2 | 111 | | | | | |
| Chemgro | 7169RSX | STX | AC,P5V | 111 | | | | | |
| Dekalb | DKC63-87RIB GC | VT2P,B | AC,P5V | 113 | | | | | |
| Dekalb | DKC65-19RIB GC | VT3P,B | AC,P5V | 115 | | | | | |
| Doebblers | RPM 5015AM^ | AM,AQ,B | CM,C2 | 110 | | | | | |
| Doebblers | RPM 5125AM^ | AM,B | CM,C2 | 111 | | | | | |
| Doebblers | RPM 563HXR^ | HX,RR2 | CM,C2 | 105 | | | | | |
| Dyna-Gro | D51SS54 | STX | AC,P5V | 111 | | | | | |
| Dyna-Gro | D54DC94 | VT2P,DG | AC,P5V | 114 | | | | | |
| Hubner | H14G153 | VT2P,DG,B | AC,P5V | 114 | | | | | |
| Hubner | H4663RC2P | VT2P,B | AC,P5V | 113 | | | | | |
| Hubner | H4764RC2P | VT2P,B | AC,P5V | 114 | | | | | |
| Hubner | H5368RC3P | VT3P,B | AC,P5V | 105 | | | | | |
| Hubner | H5490RC3P | VT3P,B | AC,P5V | 110 | | | | | |
| Hubner | H5867RC3P | VT3P,B | AC,P5V | 115 | | | | | |
| Mid-Atlantic | MA8065STX | STX | AC,P5V | 106 | | | | | |
| Mid-Atlantic | MA8086STX | STX | AC,P5V | 108 | | | | | |
| Mid-Atlantic | MA8102VT3P | VT3P | AC,P2 | 110 | | | | | |
| Mid-Atlantic | MA8125VT2P | VT2P | AC,P5 | 112 | | | | | |
| Mid-Atlantic | MA8127VT2P | VT2P | AC,P5 | 112 | | | | | |
| Mid-Atlantic | MA8144VT3P | VT3P | AC,P5 | 114 | | | | | |
| Mid-Atlantic | MA9076 | None | AC,P2 | 107 | | | | | |
| Mycogen | 2C788 | STX,B | CM,C5,Vi,In | 114 | | | | | |
| Mycogen | 2C799 | STX,B | CM,C5,Vi,In | 113 | | | | | |
| Mycogen | 2V709 | STX,B | CM,C5,Vi,In | 110 | | | | | |
| Mycogen | 2Y669 | STX,B | CM,C5,Vi,In | 108 | | | | | |
| Pioneer | P0157AMX GC | AMX,AQ,B | MQ,C2 | 101 | | | | | |
| Pioneer | P0506YHR GC | OI,AQ | MQ,C2 | 105 | | | | | |
| Seed Consultants | SC 10AQ96 | 3111 | AVC,C2,Vi | 109 | | | | | |
| Seed Consultants | SC 11AGT43 | GT/CB/LL | MQ,P1V | 114 | | | | | |
| Seed Consultants | SCS 1085AM^ | AM,B | MQ,P5V,R | 108 | | | | | |
| Seed Consultants | SCS 10HR43^ | HX,RR2 | MQ,P1V | 105 | | | | | |
| Seed Consultants | SCS 1125AM^ | AM,B | MQ,P5V,R | 112 | | | | | |
| Seedway | SW6550GENSSRIB GC | STX,B | AC,P5V | 109 | | | | | |

Footnotes and Abbreviation Descriptions

Brand Footnotes

| | |
|----|--|
| ^ | G2® brand seed is distributed by NuTech Seed, LLC. Catalyst™ and Power Plus® brand seed is distributed by Burrus. Innotech™ brand seed is distributed by Rob-See-Co, 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® and Phoenix® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, Power Plus®, RPM®, Supreme EX®, VPMaXX® and XL® are registered trademarks of DuPont Pioneer. Catalyst™, Innotech™ and Phoenix® are trademarks of Syngenta. |
| CK | Identifies a check product included in early- and full-season tests. |
| GC | Grower Comparison product included by FIRST when space permits. |

Corn Technologies*

| | | | |
|----------|---|---------|---|
| 3000GT | Agrisure® 3000GT (CB,RW,LL,GT) | HX | Herculex® 1, contains LL |
| 3010 | Agrisure® 3010 (CB,LL,GT) | HX,RR2 | Herculex® 1, Roundup Ready 2 Corn |
| 3010,A | Agrisure® Artesian® 3010 (CB,LL,GT) | HXRW | Herculex® Rootworm, contains LL |
| 3011,A | Agrisure® Artesian® (CB,RW,LL,GT) | HXT | Herculex® Xtra (HX,HXRW,LL) |
| 3110 | Agrisure® Viptera® 3110 (Vip, CB,LL,GT) | HXT,RR2 | Herculex® Xtra, Roundup Ready 2 Corn |
| 3110,A | Agrisure® Viptera® 3110 w/ Artesian® | LL | LibertyLink® |
| 3111 | Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT) | None | conventional corn |
| 3111,A | Agrisure® Viptera® 3111 w/ Artesian® | None,A | conventional corn w/ Artesian® |
| 3122 | Agrisure® 3122 (CB,HXX,RW,LL,GT) | OI | Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2) |
| 3220 | Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT) | OI,AQ | Optimum® Intrasect® w/ AQUAMax |
| AM | Optimum® AcreMax® (YGCB,HX,LL,RR2) | OIX | Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2) |
| AM,AQ | Optimum® AcreMax® w/ AQUAMax | OIXT | Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2) |
| AM1 | Optimum® AcreMax®1 (HXT,LL,RR2) | OT | Optimum® TRIssect® CHR (HX,RW,LL,RR2) |
| AMX | Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2) | RR2 | Roundup Ready® 2 Corn |
| AMX,AQ | Optimum® AcreMax® Xtra w/ AQUAMax | STX | SmartStax® (VT3P,HXT,RR2,LL) |
| AMXT | Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2) | STX,DG | Genuity® DroughtGard® w/ SmartStax® |
| AMXT,AQ | Optimum® AcreMax® Xtreme w/ AQUAMax | VT2P | Genuity® VT Double PRO® |
| B | Blended seed (i.e. refuge blend) | VT2P,DG | Genuity® DroughtGard® w/ VT Double PRO® |
| GT | Agrisure® GT | VT3P | Genuity® VT Triple PRO® |
| GT,A | Agrisure® GT w/ Artesian | YGCB | YieldGard® Corn Borer |
| GT/CB/LL | Agrisure® GT/CB/LL | | |

* The refuge component genetics may vary in a refuge blend seed product.

Corn Seed Treatments**

| | | | |
|------------|---|------------|--|
| ? | information not provided | In | Intego™ Solo |
| A | Allegiance® | L | Lorsban® |
| AC | Acceleron® fungicide products | Lu | Lumivia™ |
| At | Actellic® | M | Maxim XL® |
| AVC | Avicta® Complete Corn | MQ | Maxim Quattro® |
| C2, C5, C1 | Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively | None | untreated |
| CE | Cruiser Extreme® | P2, P5, P1 | Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively |
| CM | CruiserMaxx® Corn | R | Raxil® (tebuconazole) |
| D | Dynasty® (azoxystrobin) | V | Votivo® |
| Es | Escalate® | Vi | Vibrance® |

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