

## 2016 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: Soybean / Sonic, Roundup  
SOIL DESCRIPTION: Duffield-Ryder-Clarksburg silt loam, moderately drained, non-irrigated  
SOIL CONDITION: No-till, moderate P, moderate K, 5.7 pH, 3.1% OM  
PEST MANAGEMENT: Roundup, Zidua, Capture, Halex GT, atrazine  
FERTILITY - Applied N: 108 Spring, 109 Planter, 45 Sidedress  
Applied N-P-K (units): 262-184-136  
SEEDING - RATE - ROW: May 17 34,000 /A 30" spacing  
HARVESTED - STAND: Oct 22 31,900 /A

### All-Season Test

**105 - 115 Day CRM**  
B2016PASE09

### Top 30 of 48

For Gross Income (Sorted by Yield)

Average of (3) Replications

| Company/Brand | Product/Brand† | Technol.† | RM  | Yield<br>Bu/A | Moisture<br>% | Lodging<br>% | Stand<br>(x 1000) | Gross Income<br>\$/Acre | Rank |
|---------------|----------------|-----------|-----|---------------|---------------|--------------|-------------------|-------------------------|------|
| Steyer        | 11306VT2PRORIB | VT2P,B    | 113 | <b>222.7</b>  | 16.9          | 0            | 32.4              | 887                     | 1    |
| Mycogen       | X13652VH       | HXT,RR2   | 109 | <b>215.5</b>  | 16.2          | 1            | 31.8              | 862                     | 2    |
| Doebblers     | RPM 5125AM^    | AM,B      | 111 | <b>213.9</b>  | 14.7          | 1            | 32.3              | 862                     | 3    |
| AgriGold      | A6441STXRIB    | STX,B     | 109 | <b>213.8</b>  | 15.9          | 0            | 32.1              | 857                     | 4    |
| Steyer        | 11506VT2PRORIB | VT2P,B    | 115 | 209.7         | 19.2          | 0            | 32.4              | 823                     | 11   |
| Hubner        | H5490RC3P      | VT3P,B    | 109 | 209.4         | 15.1          | 0            | 32.4              | 843                     | 5    |
| AgriGold      | A6462STXRIB    | STX,B     | 110 | 208.4         | 18.0          | 0            | 31.5              | 824                     | 10   |
| Chemgro       | 7275RDD        | VT2P,DG   | 112 | 207.8         | 15.0          | 0            | 31.0              | 837                     | 6    |
| Pioneer       | P1197AM GC     | AM,B      | 111 | 207.2         | 14.8          | 1            | 32.7              | 835                     | 7    |
| AgriGold      | A6499STXRIB    | STX,B     | 112 | 206.8         | 16.5          | 1            | 32.4              | 826                     | 9    |
| Mid-Atlantic  | MA8107VT2P     | VT2P      | 110 | 206.6         | 15.6          | 1            | 32.3              | 829                     | 8    |
| Hubner        | H6663RCSS      | STX,B     | 113 | 205.8         | 18.3          | 0            | 31.5              | 812                     | 12   |
| Mid-Atlantic  | MA8147VT2P     | VT2P      | 114 | 202.4         | 21.2          | 3            | 32.3              | 784                     | 19   |
| Dyna-Gro      | D54VC52        | VT2P      | 114 | 200.6         | 17.0          | 0            | 31.6              | 798                     | 15   |
| AgriGold      | A6572STX       | STX       | 114 | 200.4         | 17.6          | 0            | 32.7              | 795                     | 16   |
| Doebblers     | RPM 4917AM^    | AM,B      | 109 | 199.8         | 17.0          | 0            | 32.3              | 795                     | 17   |
| Mycogen       | MY10Z28        | STX,B     | 110 | 199.3         | 15.4          | 1            | 32.0              | 801                     | 13   |
| NK Brand      | N58S-3111 GC   | 3111      | 106 | 198.4         | 13.9          | 1            | 31.8              | 800                     | 14   |
| Dyna-Gro      | D51SS54        | STX       | 111 | 196.9         | 17.3          | 0            | 32.4              | 782                     | 21   |
| Hubner        | H14G153        | VT2P,DG,B | 114 | 196.7         | 18.3          | 0            | 32.1              | 776                     | 23   |
| AgriGold      | A6517VT3PRIB   | VT3P,B    | 113 | 195.1         | 16.1          | 0            | 31.5              | 781                     | 22   |
| Chemgro       | 6875RDD        | VT2P,DG   | 108 | 194.7         | 14.2          | 1            | 31.8              | 785                     | 18   |
| Dekalb        | DKC57-92RIB GC | STX,B     | 107 | 194.5         | 14.8          | 0            | 31.9              | 784                     | 20   |
| Chemgro       | 7169RSX        | STX,B     | 111 | 192.9         | 15.7          | 0            | 32.4              | 774                     | 24   |
| Doebblers     | RPM 5315AM^    | AM,B      | 113 | 192.7         | 15.6          | 2            | 31.9              | 774                     | 25   |
| Mid-Atlantic  | MA8152VT2P     | VT2P      | 115 | 192.0         | 16.7          | 1            | 31.8              | 766                     | 28   |
| Mid-Atlantic  | MA8086VT2P     | VT2P      | 108 | 190.7         | 14.5          | 3            | 30.3              | 769                     | 26   |
| Dekalb        | DKC62-97RIB GC | VT3P,B    | 112 | 190.6         | 15.0          | 1            | 32.1              | 768                     | 27   |
| Augusta       | A1108VT2ProRIB | VT2P,B    | 108 | 190.1         | 14.7          | 0            | 31.9              | 766                     | 29   |
| Steyer        | 11104VT2PRO    | VT2P      | 111 | 189.6         | 15.0          | 1            | 31.9              | 764                     | 30   |

*Robin Kauffman*

Rob Kauffman

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Averages = **194.2** **16.2** **1** **31.9** **776**

LSD (0.10) = 18.0 1.0 1

LSD (0.25) = 12.5 0.7 1

C.V. = 6.8 Prev. years average yield, 212.0 bu/a, 11 yrs

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$4.03; non-GMO = \$4.03

**Test Comments:** *Jon commented that his yield this year would be about 100 bushels less than last. Well, yields were less, but after everything Jon was surprised how well the corn yielded. Spring rainfall was good, but summer showers seemed to miss Kutztown. High temperatures and moisture stress affected pollination on some hybrids. Disease and insect pressure was low. Overall test rating, 7 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: 10/23/2016 Revised:

2016 Corn Grain - Pennsylvania Southeast [ PASE ]



**All-Season Test Products (48 Total)**

| Company/Brand | Product/Brand  | Technol.  | Seed Trt.   | RM  | Company/Brand | Product/Brand | Technol. | Seed Trt. | RM  |
|---------------|----------------|-----------|-------------|-----|---------------|---------------|----------|-----------|-----|
| AgriGold      | A6441STXRIB    | STX,B     | AC,P5V      | 109 | TA Seeds      | TA583-28RIB   | STX,B    | CM,C2     | 108 |
| AgriGold      | A6462STXRIB    | STX,B     | AC,P5V      | 110 | TA Seeds      | TA667-31      | 3111     | CM,C2     | 111 |
| AgriGold      | A6499STXRIB    | STX,B     | AC,P5V      | 112 | TA Seeds      | TA736-22DPRIB | VT2P,B   | CM,C2     | 113 |
| AgriGold      | A6517VT3PRIB   | VT3P,B    | AC,P5V      | 113 |               |               |          |           |     |
| AgriGold      | A6572STX       | STX       | AC,P5V      | 114 |               |               |          |           |     |
| AgriGold      | A6573VT3PRIB   | VT3P,B    | AC,P5V      | 114 |               |               |          |           |     |
| Augusta       | A1108VT2ProRIB | VT2P,B    | AC,P2       | 108 |               |               |          |           |     |
| Augusta       | A1564GTCBLL    | GT/CB/LL  | AVC,C5      | 114 |               |               |          |           |     |
| Augusta       | A1565GTCBLL    | GT/CB/LL  | AVC,C5      | 115 |               |               |          |           |     |
| Augusta       | A5062GT3110    | 3110      | AVC,C5      | 112 |               |               |          |           |     |
| Augusta       | A6664VT2Pro    | VT2P      | CM,C1       | 114 |               |               |          |           |     |
| Chemgro       | 6875RDD        | VT2P,DG   | AC,P5V      | 108 |               |               |          |           |     |
| Chemgro       | 7169RSX        | STX,B     | AC,P5V      | 111 |               |               |          |           |     |
| Chemgro       | 7275RDD        | VT2P,DG   | AC,P5V      | 112 |               |               |          |           |     |
| Dekalb        | DKC57-92RIB GC | STX,B     | AC,P5V      | 107 |               |               |          |           |     |
| Dekalb        | DKC62-08RIB GC | STX,B     | ACHD,P5V    | 112 |               |               |          |           |     |
| Dekalb        | DKC62-97RIB GC | VT3P,B    | AC,P5V      | 112 |               |               |          |           |     |
| Doebblers     | RPM 4717AM^    | AM,B      | MQ,P1V      | 107 |               |               |          |           |     |
| Doebblers     | RPM 4917AM^    | AM,B      | MQ,P1V      | 109 |               |               |          |           |     |
| Doebblers     | RPM 5125AM^    | AM,B      | MQ,P1V      | 111 |               |               |          |           |     |
| Doebblers     | RPM 5315AM^    | AM,B      | MQ,P1V      | 113 |               |               |          |           |     |
| Dyna-Gro      | D51SS54        | STX       | AC,P5V      | 111 |               |               |          |           |     |
| Dyna-Gro      | D54VC52        | VT2P      | AC,P5V      | 114 |               |               |          |           |     |
| Hubner        | H14G153        | VT2P,DG,B | AC,P5V      | 114 |               |               |          |           |     |
| Hubner        | H5368RC3P      | VT3P,B    | AC,P5V      | 105 |               |               |          |           |     |
| Hubner        | H5490RC3P      | VT3P,B    | AC,P5V      | 109 |               |               |          |           |     |
| Hubner        | H6663RCSS      | STX,B     | AC,P5V      | 113 |               |               |          |           |     |
| Mid-Atlantic  | MA8065SS       | STX       | AC,P2       | 106 |               |               |          |           |     |
| Mid-Atlantic  | MA8086VT2P     | VT2P      | AC,P2       | 108 |               |               |          |           |     |
| Mid-Atlantic  | MA8107VT2P     | VT2P      | AC,P2       | 110 |               |               |          |           |     |
| Mid-Atlantic  | MA8125VT2P     | VT2P      | AC,P2       | 112 |               |               |          |           |     |
| Mid-Atlantic  | MA8127VT3P     | VT3P      | AC,P2       | 112 |               |               |          |           |     |
| Mid-Atlantic  | MA8147VT2P     | VT2P      | AC,P2       | 114 |               |               |          |           |     |
| Mid-Atlantic  | MA8152VT2P     | VT2P      | AC,P2       | 115 |               |               |          |           |     |
| Mycogen       | 2C799          | STX,B     | CM,C5,Vi,In | 113 |               |               |          |           |     |
| Mycogen       | MY10Z28        | STX,B     | CM,C5,Vi,In | 110 |               |               |          |           |     |
| Mycogen       | MY13M87        | STX       | CM,C1,Vi,In | 113 |               |               |          |           |     |
| Mycogen       | X13652VH       | HXT,RR2   | CM,C5,Vi,In | 109 |               |               |          |           |     |
| NK Brand      | N58S-3111 GC   | 3111      | AVC,C2,Vi   | 106 |               |               |          |           |     |
| NK Brand      | N60F-3111 GC   | 3111      | AVC,C2,Vi   | 107 |               |               |          |           |     |
| Pioneer       | P1197AM GC     | AM,B      | MQ,C2       | 111 |               |               |          |           |     |
| Steyer        | 10805VT2PRORIB | VT2P,B    | CM,C2       | 108 |               |               |          |           |     |
| Steyer        | 11104VT2PRO    | VT2P      | AC,P5V      | 111 |               |               |          |           |     |
| Steyer        | 11306VT2PRORIB | VT2P,B    | CM,C2       | 113 |               |               |          |           |     |
| Steyer        | 11506VT2PRORIB | VT2P,B    | CM,C2       | 115 |               |               |          |           |     |

## 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. HPT® brand seed is distributed by Hoegemeyer Hybrids, 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®, HPT®, 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                     |
| 3110     | Agrisure® Viptera® 3110 (Vip, CB,LL,GT)       | HXRW    | Herculex® Rootworm, contains LL                       |
| 3111     | Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)     | HXT     | Herculex® Xtra (HX,HXRW,LL)                           |
| 3122     | Agrisure® 3122 (CB,HXX,RW,LL,GT)              | HXT,RR2 | Herculex® Xtra, Roundup Ready 2 Corn                  |
| 3220     | Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)     | LL      | LibertyLink®  |
| A        | Agrisure® Artesian®                           | None    | conventional corn                                     |
| AM       | Optimum® AcreMax® (YGCB,HX,LL,RR2)            | OI      | Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)             |
| AMT      | Optimum® AcreMax® TRIsect (HX,RW,LL,RR2)      | OIX     | Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)       |
| AMX      | Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)      | OIXT    | Optimum® Intrasect® Xtreme, CYXR (YGCB,HXT,RW,LL,RR2) |
| AMXT     | Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2) | RR2     | Roundup Ready® 2 Corn                                 |
| AQ       | Optimum® AQUAMax®                             | RW      | Agrisure® Rootworm                                    |
| B        | Refuge Blend                                  | STX     | SmartStax® (VT3P,HXT,RR2,LL)                          |
| CB       | Agrisure® Corn Borer                          | VT2P    | Genuity® VT Double PRO®                               |
| DG       | Genuity® DroughtGard®                         | VT3P    | Genuity® VT Triple PRO®                               |
| GT       | Agrisure® GT                                  | 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\*\*

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

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