

## 2018 Corn Grain Top 30 Harvest Report

Pennsylvania Southeast [ PASE ] LEBANON  
Steve Wenger, Lebanon County, PA 17042



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

PREV. CROP/HERB: Corn, 2+ Yr / Bicep II Magnum, Capreno, atrazine  
SOIL DESCRIPTION: Silt loam, moderately drained, non-irrigated  
SOIL CONDITION: Conventional w/o fall till, very high P, very high K, 5.6 pH, 4.4% OM, 12.7 CEC  
PEST MANAGEMENT: Bicep II Magnum, Capture, Capreno, atrazine  
FERTILITY - Applied N: 126 Spring, 102 Planter  
Applied N-P-K (units): 228-150-106  
SEEDING - RATE - ROW: May 1 34,000 /A 30" spacing  
HARVESTED - STAND: Oct 10 34,000 /A

**All-Season Test**  
**105 - 115 Day CRM**  
B2018PASE07

### Top 30 of 42

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 |
|------------------|----------------|-----------|-----|---------------|---------------|--------------|-------------------|-------------------------|------|
| Hubner           | H6663RCSS      | STX,B     | 113 | <b>261.2</b>  | 21.8          | 0            | 35.0              | 985                     | 1    |
| Dyna-Gro         | D52SS63        | STX       | 112 | <b>253.8</b>  | 21.2          | 0            | 35.1              | 961                     | 2    |
| Hubner           | H6755RCSS      | STX,B     | 114 | <b>253.2</b>  | 21.2          | 1            | 34.1              | 958                     | 3    |
| Doebler          | RPM 5018AM     | AM,B      | 110 | <b>249.1</b>  | 20.8          | 0            | 34.1              | 945                     | 5    |
| Viking           | 42-05          | None      | 105 | <b>247.0</b>  | 19.3          | 1            | 33.8              | 947                     | 4    |
| Doebler          | RPM 4919AM     | AM        | 109 | <b>243.4</b>  | 18.9          | 1            | 33.9              | 935                     | 6    |
| Mid-Atlantic     | MA8091VT2P     | VT2P      | 109 | <b>240.9</b>  | 20.4          | 3            | 35.2              | 917                     | 8    |
| Viking           | 13-07          | None      | 107 | <b>240.0</b>  | 19.0          | 1            | 34.2              | 922                     | 7    |
| Hubner           | H6394RCSS      | STX,B     | 108 | <b>237.5</b>  | 19.4          | 1            | 33.9              | 910                     | 9    |
| Chemgro          | 7185RDP        | VT2P,B    | 111 | 235.3         | 20.4          | 0            | 34.8              | 895                     | 10   |
| Seed Consultants | SCS 1139AM     | AM,B      | 113 | 230.5         | 21.5          | 0            | 34.3              | 871                     | 15   |
| Augusta          | A4463VT2Pro    | VT2P      | 112 | 230.3         | 19.4          | 1            | 34.6              | 882                     | 11   |
| Mid-Atlantic     | MA8074VT2P     | VT2P      | 107 | 230.2         | 19.3          | 1            | 34.2              | 882                     | 12   |
| Mid-Atlantic     | MA8132VT2P     | VT2P      | 113 | 230.2         | 20.4          | 0            | 33.3              | 876                     | 13   |
| Mid-Atlantic     | MA8107VT2P     | VT2P      | 110 | 229.0         | 20.0          | 9            | 33.9              | 874                     | 14   |
| Augusta          | A1165VT2ProRIB | VT2P,B    | 115 | 228.5         | 21.7          | 0            | 34.7              | 862                     | 16   |
| Dyna-Gro         | D55VC45        | VT2P      | 115 | 227.0         | 20.8          | 0            | 33.9              | 861                     | 17   |
| Seed Consultants | SCS 1098YHR    | OI        | 109 | 224.9         | 20.8          | 0            | 34.8              | 853                     | 20   |
| Doebler          | RPM 4917AM     | AM,B      | 109 | 223.5         | 20.5          | 0            | 33.9              | 850                     | 21   |
| Chemgro          | 7095RDP        | VT2P      | 110 | 223.3         | 19.3          | 1            | 34.3              | 856                     | 19   |
| Doebler          | RPM 4219AM     | AM        | 102 | 223.2         | 19.0          | 2            | 33.6              | 857                     | 18   |
| Seed Consultants | SCS 1158YHR    | OI        | 115 | 222.3         | 21.5          | 0            | 33.3              | 840                     | 23   |
| Local Seed Co.   | LC1289VT2P     | VT2P,B    | 112 | 221.9         | 20.9          | 0            | 33.7              | 842                     | 22   |
| Chemgro          | 6875RDP        | VT2P,DG,B | 108 | 215.1         | 18.9          | 1            | 34.8              | 827                     | 24   |
| Hubner           | H6287RCSS      | STX,B     | 104 | 214.7         | 18.7          | 1            | 33.2              | 826                     | 25   |
| Seed Consultants | SCS 1105YHR    | OI        | 110 | 214.4         | 18.8          | 0            | 34.1              | 824                     | 26   |
| Local Seed Co.   | LC1349VT2P     | VT2P,B    | 113 | 211.4         | 21.1          | 1            | 34.3              | 801                     | 27   |
| Doebler          | RPM 5518AM     | AM,B      | 115 | 208.9         | 20.8          | 2            | 33.7              | 793                     | 28   |
| NK Brand         | NK1573-3110    | 3110      | 115 | 207.8         | 24.0          | 0            | 33.9              | 772                     | 29   |
| Pioneer          | P1422AMXT GC   | AMXT,B    | 114 | 203.2         | 21.6          | 0            | 34.5              | 767                     | 30   |

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|              |              |             |          |             |            |
|--------------|--------------|-------------|----------|-------------|------------|
| Averages =   | <b>215.6</b> | <b>20.5</b> | <b>1</b> | <b>34.0</b> | <b>820</b> |
| LSD (0.10) = | 21.4         | 1.0         | 2        |             |            |
| LSD (0.25) = | 11.2         | 0.5         | 1        |             |            |
| C.V. =       | 9.4          |             |          |             |            |

Prev. years average yield, 197.4 bu/a, 15 yrs

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.94; non-GMO = \$3.94

**Test Comments:** *Good planting conditions. Late June through mid-July delivered the only heat and drought stress for the year. Some products did not pollinate very well. The remainder of the growing season was wet. Overall rating of this test is 7 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: 10/13/2018 Revised:

2018 Corn Grain - Pennsylvania Southeast [ PASE ]



All-Season Test Products (42 Total)

| Company/Brand    | Product/Brand   | Technol.  | Seed Trt.  | RM  | Company/Brand | Product/Brand | Technol. | Seed Trt. | RM |
|------------------|-----------------|-----------|------------|-----|---------------|---------------|----------|-----------|----|
| Augusta          | A1165VT2ProRIB  | VT2P,B    | AC,P1V     | 115 |               |               |          |           |    |
| Augusta          | A1166VT2Pro     | VT2P      | AC,P1V     | 116 |               |               |          |           |    |
| Augusta          | A4463VT2Pro     | VT2P      | AC,P5V     | 112 |               |               |          |           |    |
| Augusta          | A4465GT3111     | 3111      | AVC,C5     | 114 |               |               |          |           |    |
| Augusta          | A5065GTCBLL     | 3010      | CM,C1      | 115 |               |               |          |           |    |
| Augusta          | A5162GT3000     | 3000GT    | CM,C2      | 112 |               |               |          |           |    |
| Augusta          | A6664VT2Pro     | VT2P      | CM,C1      | 114 |               |               |          |           |    |
| Chemgro          | 6875RDP         | VT2P,DG,B | AC,P2      | 108 |               |               |          |           |    |
| Chemgro          | 7095RDP         | VT2P      | AC,P2      | 110 |               |               |          |           |    |
| Chemgro          | 7185RDP         | VT2P,B    | AC,P2      | 111 |               |               |          |           |    |
| De Dell Seeds    | DL 7250         | None      | MQ         | 111 |               |               |          |           |    |
| Doebblers        | RPM 4219AM      | AM        | MQ,P1V,R   | 102 |               |               |          |           |    |
| Doebblers        | RPM 4917AM      | AM,B      | MQ,P1V,R   | 109 |               |               |          |           |    |
| Doebblers        | RPM 4919AM      | AM        | MQ,P1V,R   | 109 |               |               |          |           |    |
| Doebblers        | RPM 5018AM      | AM,B      | MQ,P1V,R   | 110 |               |               |          |           |    |
| Doebblers        | RPM 5518AM      | AM,B      | MQ,P1V,R   | 115 |               |               |          |           |    |
| Dyna-Gro         | D52SS63         | STX       | AC,P5V     | 112 |               |               |          |           |    |
| Dyna-Gro         | D55VC45         | VT2P      | AC,P5V     | 115 |               |               |          |           |    |
| Hubner           | H6287RCSS       | STX,B     | AC,P5V     | 104 |               |               |          |           |    |
| Hubner           | H6394RCSS       | STX,B     | AC,P5V     | 108 |               |               |          |           |    |
| Hubner           | H6663RCSS       | STX,B     | AC,P5V     | 113 |               |               |          |           |    |
| Hubner           | H6755RCSS       | STX,B     | AC,P5V     | 114 |               |               |          |           |    |
| Local Seed Co.   | LC1289VT2P      | VT2P,B    | CM,C2      | 112 |               |               |          |           |    |
| Local Seed Co.   | LC1349VT2P      | VT2P,B    | CM,C2      | 113 |               |               |          |           |    |
| Local Seed Co.   | LC1487          | None      | CM,C2      | 114 |               |               |          |           |    |
| Mid-Atlantic     | MA8074VT2P      | VT2P      | AC,P2      | 107 |               |               |          |           |    |
| Mid-Atlantic     | MA8091VT2P      | VT2P      | AC,P2      | 109 |               |               |          |           |    |
| Mid-Atlantic     | MA8107VT2P      | VT2P      | AC,P2      | 110 |               |               |          |           |    |
| Mid-Atlantic     | MA8132VT2P      | VT2P      | AC,P2      | 113 |               |               |          |           |    |
| NK Brand         | NK1284-3220-EZR | 3220,B    | AVC,C5,Vi  | 112 |               |               |          |           |    |
| NK Brand         | NK1573-3110     | 3110      | AVC,C5,Vi  | 115 |               |               |          |           |    |
| Pioneer          | P1422AMXT GC    | AMXT,B    | MQ,C2,R,Lu | 114 |               |               |          |           |    |
| Seed Consultants | SCS 1008AMXT    | AMXT,AQ,B | CM,C2,R    | 100 |               |               |          |           |    |
| Seed Consultants | SCS 1087YHR     | OI        | MQ,P1V,R   | 108 |               |               |          |           |    |
| Seed Consultants | SCS 1098YHR     | OI        | MQ,P1V,R   | 109 |               |               |          |           |    |
| Seed Consultants | SCS 1105YHR     | OI        | MQ,P1V,R   | 110 |               |               |          |           |    |
| Seed Consultants | SCS 1125YHR     | OI        | MQ,P1V     | 112 |               |               |          |           |    |
| Seed Consultants | SCS 1139AM      | AM,B      | MQ,P1V,R   | 113 |               |               |          |           |    |
| Seed Consultants | SCS 1158YHR     | OI        | MQ,P1V,R   | 115 |               |               |          |           |    |
| Viking           | 13-07           | None      | CM,C2      | 107 |               |               |          |           |    |
| Viking           | 42-05           | None      | CM,C2      | 105 |               |               |          |           |    |
| Viking           | 48-08           | None      | AC,P5V     | 108 |               |               |          |           |    |
|                  |                 |           |            |     |               |               |          |           |    |

## Footnotes and Abbreviation Descriptions

### Brand Footnotes

|    |  |
|----|--|
| ^  | Innotech™ brand seed is distributed by Rob-See-Co, LLC. Phoenix® brand seed is distributed by Advanta Seeds. Power Plus® brand seed is distributed by Burrus. Innotech™ and Phoenix® are trademarks of Syngenta. Power Plus® is a registered trademark of Corteva Agriscience. |
| 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)                | E    | Enlist™ (2,4-D, glyphosate, fop herbicide tolerance) |
| 3010   | Agrisure® 3010 (CB,LL,GT)                     | GT   | Agrisure® GT   |
| 3011,A | Agrisure® Artesian® (CB,RW,LL,GT)             | HX   | Herculex® 1, contains LL                             |
| 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)                          |
| 3120   | Agrisure® 3120 (CB,HX,LL,GT)                  | LL   | LibertyLink®   |
| 3122   | Agrisure® 3122 (CB,HXX,RW,LL,GT)              | None | conventional corn                                    |
| 3220   | Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)     | OI   | Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)            |
| A      | Agrisure® Artesian®                           | OIX  | Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)      |
| AM     | Optimum® AcreMax® (YGCB,HX,LL,RR2)            | OIXT | Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)      |
| AMT    | Optimum® AcreMax® TRIsect (HX,RW,LL,RR2)      | PC   | PowerCore™ (HX, VT2P)                                |
| AMX    | Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)      | RR2  | Roundup Ready® 2 Corn                                |
| AMXT   | Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2) | RW   | Agrisure® Rootworm                                   |
| AQ     | Optimum® AQUAMax®                             | STX  | SmartStax® (VT3P,HXT,RR2,LL)                         |
| B      | Refuge blend product                          | VT2P | Genuity® VT Double PRO®                              |
| CB     | Agrisure® Corn Borer                          | VT3P | Genuity® VT Triple PRO®                              |
| DG     | Genuity® DroughtGard®                         | YGCB | YieldGard® Corn Borer                                |

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

### Corn Seed Treatments\*\*

|            |   |            |  |
|------------|---|------------|--|
| ?          | information not provided                                | Lu         | Lumivia™   |
| A          | Allegiance®   | M          | Maxim XL®  |
| AC         | Acceleron® fungicide products                           | MQ         | Maxim Quattro®   |
| AL2500     | Alert 2500  | None       | untreated  |
| At         | Actellic®   | P2, P5, P1 | Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively |
| AVC        | Avicta® Complete Corn                                   | R          | Raxil®   |
| C2, C5, C1 | Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively | Sa         | Sativa™  |
| CE         | Cruiser Extreme®  | Se         | Sebring™   |
| CM         | CruiserMaxx® Corn                                       | Sn         | Senator™   |
| D          | Dynasty®  | Sp         | Spirato™   |
| Es         | Escalate®   | SC         | SHIELDCoat™  |
| HC         | Hefty Complete  | V          | Votivo®  |
| In         | Intego™ Solo  | Vi         | Vibrance®  |
| L          | Lorsban®  |            |  |

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