

Test by: M.A.I.T.S Mount Joy, PA

## 2019 Corn Grain Top 30 Harvest Report

Pennsylvania Southeast [PASE] KUTZTOWN, PA  
Jon Stutzman, Berks County, PA 19530

|                               |  |
|-------------------------------|--|
| <b>All-Season Test</b>        | 105 - 115 Day CRM<br>B2019PASE12                                     |
| <b>Top 30 of 42</b>           | For Gross Income<br>(Sorted by Yield)<br>Average of (3) Replications |
| <b>PREV. CROP/HERB:</b>       | Pumpkin / Dual II  |
| <b>SOIL DESCRIPTION:</b>      | silty clay loam, mod. well<br>drained, non-irrigated                 |
| <b>SOIL CONDITION:</b>        | No-Till, very high P, high K, 5.2<br>pH, 2.9% OM, 9.8 CEC            |
| <b>PEST MANAGEMENT:</b>       | Anthem, Capture, Ethnos,<br>Halex                                    |
| <b>FERTILITY - Applied N:</b> | 105 Spring, 60 Planter, 75<br>Sidedress                              |
| <b>Applied N-P-K (units):</b> | 240-138-102  |
| <b>SEEDED - RATE - ROW:</b>   | May 24 34.0 /A 30" spacing   |
| <b>HARVESTED - STAND:</b>     | Nov 2 32.5 /A  |

### TEST COMMENTS:

*Plot was planted late and probably held yields down 10 to 20 bushels. Overall rainfall for the year was above average and heat units were high as well. Plot was standing well at harvest and anthracnose was present but did cause a big problem with most hybrids. Overall rating of the plot was a 9 out of 10. (10=best)*

| Company/Brand    | Product/Brand   | Technol.† | RM  | Yield Bu/A   | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|------------------|-----------------|-----------|-----|--------------|------------|-----------|----------------|----------------------|------|
| DEKALB           | DKC62-53RIB GC  | VT2P,B    | 112 | <b>269.2</b> | 29.1       | 2         | 32.4           | 1141                 | 2    |
| LOCAL SEED CO    | LC0877 VT2PRIB  | VT2P,B    | 108 | <b>268.1</b> | 27.3       | 0         | 32.7           | 1148                 | 1    |
| PIONEER          | P0843AM GC      | AM,B      | 108 | <b>261.2</b> | 27.8       | 5         | 33.2           | 1116                 | 3    |
| LOCAL SEED CO    | LC1196 VT2P     | VT2P      | 111 | <b>258.3</b> | 31.0       | 3         | 32.6           | 1082                 | 8    |
| HUBNER           | H6390RCSS       | STX,B     | 108 | <b>257.3</b> | 28.0       | 3         | 32.9           | 1098                 | 4    |
| AUGUSTA          | A4463           | VT2P      | 113 | <b>254.4</b> | 26.9       | 8         | 32.9           | 1092                 | 5    |
| MID-ATLANTIC     | MA5083          | 3120,B    | 108 | 253.0        | 26.2       | 5         | 32.6           | 1090                 | 6    |
| PIONEER          | P1283AM         | AM,B      | 112 | 253.0        | 28.9       | 1         | 31.5           | 1074                 | 10   |
| AUGUSTA          | A1059           | 3110      | 109 | 251.2        | 27.2       | 1         | 32.6           | 1077                 | 9    |
| NK BRAND         | NK0968-3330GT   | 3000GT    | 109 | 249.3        | 30.0       | 0         | 32.7           | 1051                 | 15   |
| HUBNER           | H6287RCSS       | STX,B     | 104 | 249.2        | 24.7       | 0         | 32.3           | 1083                 | 7    |
| CHEMGRO          | 7145RDP         | VT2P,B    | 111 | 249.2        | 28.1       | 3         | 31.8           | 1062                 | 12   |
| AUGUSTA          | A4559           | 3010      | 107 | 248.6        | 30.3       | 1         | 33.2           | 1046                 | 16   |
| LOCAL SEED CO    | LC1577 VT2PRIB  | VT2P,B    | 115 | 248.4        | 29.2       | 3         | 32.3           | 1052                 | 13   |
| PIONEER          | P1197AM GC      | AM,B      | 111 | 247.2        | 26.3       | 3         | 32.4           | 1065                 | 11   |
| MID-ATLANTIC     | MA8104SS        | STX       | 110 | 247.2        | 28.4       | 4         | 32.1           | 1052                 | 14   |
| DYNA-GRO         | D55VC80         | VT2P      | 115 | 246.1        | 33.0       | 0         | 32.4           | 1019                 | 21   |
| CHEMGRO          | 7095RDP         | VT2P,B    | 110 | 244.7        | 29.4       | 0         | 33.2           | 1035                 | 17   |
| MID-ATLANTIC     | MA8091VT2P      | VT2P      | 109 | 241.9        | 30.0       | 1         | 32.1           | 1020                 | 20   |
| MID-ATLANTIC     | MA8074VT2P GC   | VT2P      | 107 | 240.0        | 27.9       | 1         | 32.4           | 1024                 | 18   |
| MID-ATLANTIC     | MA5096          | 3330,B    | 109 | 239.2        | 29.7       | 0         | 32.3           | 1010                 | 26   |
| SEED CONSULTANTS | SCS 1158YHR     | OI,B      | 115 | 238.6        | 32.1       | 2         | 32.1           | 993                  | 30   |
| SEED CONSULTANTS | SCS 1087YHR GC  | OI        | 108 | 238.1        | 28.2       | 2         | 32.2           | 1014                 | 24   |
| NK BRAND         | NK1573-3000GT   | 3000GT    | 115 | 237.8        | 29.9       | 19        | 32.0           | 1003                 | 27   |
| MID-ATLANTIC     | MA8128VT2P      | VT2P      | 112 | 237.5        | 27.4       | 19        | 33.0           | 1016                 | 23   |
| SEED CONSULTANTS | SC-EX110YHR     | OI        | 108 | 235.7        | 24.9       | 0         | 32.9           | 1024                 | 19   |
| NK BRAND         | NK1205-3120-EZR | 3120,B    | 112 | 235.6        | 27.0       | 9         | 32.3           | 1011                 | 25   |
| SEED CONSULTANTS | SCS 1105AM      | AM,B      | 109 | 234.2        | 28.5       | 0         | 32.8           | 996                  | 28   |
| DEKALB           | DKC55-53RIB GC  | STX,B     | 105 | 231.0        | 22.4       | 5         | 32.3           | 1018                 | 22   |
| LOCAL SEED CO    | LC1488 VT2PRIB  | VT2P,B    | 114 | 230.7        | 25.9       | 10        | 32.1           | 996                  | 29   |

*Robin Kauffman*

Rob Kauffman

rob.kauffman@firstseedtests.info, (717) 413-0763

Averages = **240.2** **28.7** **4** **32.5** **1020**

LSD (0.10) = 13.0 1.7 5

LSD (0.25) = 6.8 0.9 2

C.V. = 5.1

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$4.59

Report Date: 11/06/2019

† 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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## 2019 Corn - Pennsylvania Southeast [ PASE ]

### All-Season Test Products (42 Total)

| Company/Brand | Product/Brand   | Technology | RM  |
|---------------|-----------------|------------|-----|
| AUGUSTA       | A1059           | 3110       | 109 |
| AUGUSTA       | A1165           | VT2P       | 115 |
| AUGUSTA       | A4463           | VT2P       | 113 |
| AUGUSTA       | A4559           | 3010       | 107 |
| AUGUSTA       | A4565           | 3220       | 115 |
| AUGUSTA       | A5264 GC        | 3000GT     | 114 |
| CHANNEL       | 210-79STXRIB    | STX,B      | 110 |
| CHEMGRO       | 6905V5Z         | 3330,B     | 109 |
| CHEMGRO       | 7095RDP         | VT2P,B     | 110 |
| CHEMGRO       | 7145RDP         | VT2P,B     | 111 |
| CHEMGRO       | 7305RDP         | VT2P       | 113 |
| DEKALB        | DKC55-53RIB GC  | STX,B      | 105 |
| DEKALB        | DKC62-53RIB GC  | VT2P,B     | 112 |
| DYNA-GRO      | D52VC63         | VT2P       | 112 |
| DYNA-GRO      | D55VC80         | VT2P       | 115 |
| HUBNER        | H6287RCSS       | STX,B      | 104 |
| HUBNER        | H6390RCSS       | STX,B      | 108 |
| HUBNER        | H6663RCSS       | STX,B      | 113 |
| HUBNER        | H6763RCSS       | STX,B      | 115 |
| LOCAL SEED CO | LC0877 VT2PRIB  | VT2P,B     | 108 |
| LOCAL SEED CO | LC1196 VT2P     | VT2P       | 111 |
| LOCAL SEED CO | LC1289 VT2PRIB  | VT2P,B     | 112 |
| LOCAL SEED CO | LC1488 VT2PRIB  | VT2P,B     | 114 |
| LOCAL SEED CO | LC1577 VT2PRIB  | VT2P,B     | 115 |
| LOCAL SEED CO | ZS1098 3330EZ   | 3330,B     | 110 |
| MID-ATLANTIC  | MA5083          | 3120,B     | 108 |
| MID-ATLANTIC  | MA5096          | 3330,B     | 109 |
| MID-ATLANTIC  | MA8074VT2P GC   | VT2P       | 107 |
| MID-ATLANTIC  | MA8091VT2P      | VT2P       | 109 |
| MID-ATLANTIC  | MA8104SS        | STX        | 110 |
| MID-ATLANTIC  | MA8128VT2P      | VT2P       | 112 |
| NK BRAND      | NK0968-3330GT   | 3000GT     | 109 |
| NK BRAND      | NK1205-3120-EZR | 3120,B     | 112 |
| NK BRAND      | NK1573-3000GT   | 3000GT     | 115 |
| PIONEER       | P0843AM GC      | AM,B       | 108 |
| PIONEER       | P1197AM GC      | AM,B       | 111 |

| Company/Brand    | Brand/Product  | Technology | RM  |
|------------------|----------------|------------|-----|
| PIONEER          | P1283AM        | AM,B       | 112 |
| SEED CONSULTANTS | SC-EX110YHR    | OI         | 108 |
| SEED CONSULTANTS | SCS 1087YHR GC | OI         | 108 |
| SEED CONSULTANTS | SCS 1105AM     | AM,B       | 109 |
| SEED CONSULTANTS | SCS 1139AM     | AM,B       | 113 |
| SEED CONSULTANTS | SCS 1158YHR    | OI,B       | 115 |

## Footnotes and Abbreviations Descriptions

### Brand Footnotes

<sup>^</sup> Innotech™ brand seed is distributed by Rob-See-Co, LLC. Power Plus® brand seed is distributed by Burrus. Innotech™ is a trademark 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\*

|        |   |      |  |      |   |
|--------|---|------|--|------|---|
| 3010   | Agrisure® 3010 (CB,LL,GT)                 | AMXT | Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)        | OI   | Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)       |
| 3011,A | Agrisure® Artesian® (CB,RW,LL,GT)         | AQ   | Optimum® AQUAMax®                                    | OIX  | Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2) |
| 3110   | Agrisure® Viptera® 3110 (Vip, CB,LL,GT)   | B    | Refuge blend product                                 | OIXT | Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2) |
| 3111   | Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT) | CB   | Agrisure® Corn Borer                                 | PC   | PowerCore™ (HX, VT2P)                           |
| 3120   | Agrisure® 3120 (CB,HX,LL,GT)              | DG   | Genuity® DroughtGard®                                | RR2  | Roundup Ready® 2 Corn                           |
| 3122   | Agrisure® 3122 (CB,HXX,RW,LL,GT)          | E    | Enlist™ (2,4-D, glyphosate, fop herbicide tolerance) | RW   | Agrisure® Rootworm                              |
| 3220   | Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT) | GT   | Agrisure® GT   | STX  | SmartStax® (VT3P,HXT,RR2,LL)                    |
| 3330   | Agrisure® Viptera® 3330 (Vip,CB,HX,LL,GT) | HX   | Herculex® 1, contains LL                             | TRE  | Genuity® Trecepta™                              |
| A      | Agrisure® Artesian®                       | HXRW | Herculex® Rootworm, contains LL                      | VT2P | Genuity® VT Double PRO®                         |
| AM     | Optimum® AcreMax® (YGCB,HX,LL,RR2)        | HXT  | Herculex® Xtra (HX,HXRW,LL)                          | VT3P | Genuity® VT Triple PRO®                         |
| AMT    | Optimum® AcreMax®TRIssect (HX,RW,LL,RR2)  | LL   | LibertyLink®   | YGCB | YieldGard® Corn Borer                           |
| AMX    | Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)  | None | conventional corn                                    |      |   |

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