

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

2019 Corn Grain Top 30 Harvest Report

Pennsylvania Southeast [PASE] LANCASTER, PA
John Conley, Lancaster County, PA 17552

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|-------------------------------|---|
| All-Season Test | 105 - 115 Day CRM B2019PASE08 |
| Top 30 of 42 | For Gross Income (Sorted by Yield) Average of (3) Replications |
| PREV. CROP/HERB: | Corn, 2+ Yr / Roundup, Prowl, atrazine, |
| SOIL DESCRIPTION: | silty clay loam, non-irrigated |
| SOIL CONDITION: | Minimum W/O Fall Till, very high P, very high K, 6.0 pH, 3.4% OM, 8.6 CEC |
| PEST MANAGEMENT: | Glyphosate, Prowl 3.3ec, Atrazine, Quilt |
| FERTILITY - Applied N: | 70 Spring, 45 Planter, 90 Sidedress |
| Applied N-P-K (units): | 205-125-175 |
| SEEDED - RATE - ROW: | May 12 34.0 /A 30" spacing |
| HARVESTED - STAND: | Oct 10 33.1 /A |

TEST COMMENTS:

Excellent growing season. Standability and overall plant health was good at harvest. Overall rating of the plot is 8 out of 10. (10=best)

| Company/Brand | Product/Brand | Technol.† | RM | Yield Bu/A | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|------------------|----------------|-----------|-----|--------------|------------|-----------|----------------|----------------------|------|
| DYNA-GRO | D55VC80 | VT2P | 115 | 313.1 | 23.2 | 0 | 34.4 | 1401 | 1 |
| SEED CONSULTANTS | SCS 1105AM | AM,B | 109 | 293.9 | 20.9 | 0 | 33.3 | 1332 | 2 |
| DYNA-GRO | D52VC63 | VT2P | 112 | 292.2 | 22.2 | 0 | 33.8 | 1315 | 3 |
| HUBNER | H6663RCSS | STX,B | 113 | 286.7 | 24.2 | 0 | 34.5 | 1276 | 6 |
| HUBNER | H6390RCSS | STX,B | 108 | 286.4 | 21.4 | 0 | 34.4 | 1295 | 4 |
| MID-ATLANTIC | MA8091VT2P | VT2P | 109 | 284.9 | 23.4 | 0 | 33.9 | 1274 | 7 |
| LOCAL SEED CO | LC1289 VT2PRIB | VT2P,B | 112 | 284.4 | 22.0 | 0 | 33.1 | 1281 | 5 |
| AUGUSTA | A4463 | VT2P | 113 | 275.9 | 23.4 | 0 | 34.8 | 1234 | 8 |
| NK BRAND | NK1573-3000GT | 3000GT | 115 | 274.7 | 22.9 | 0 | 34.7 | 1231 | 9 |
| HUBNER | H6763RCSS | STX,B | 115 | 274.0 | 23.5 | 0 | 32.7 | 1224 | 11 |
| SEED CONSULTANTS | SCS 1158YHR | OI,B | 115 | 272.7 | 24.6 | 0 | 32.3 | 1211 | 17 |
| LOCAL SEED CO | LC1488 VT2PRIB | VT2P,B | 114 | 272.2 | 22.5 | 0 | 35.1 | 1223 | 12 |
| CHANNEL | 210-79STXRIB | STX,B | 110 | 271.8 | 21.2 | 0 | 32.8 | 1230 | 10 |
| MID-ATLANTIC | MA8128VT2P | VT2P | 112 | 271.4 | 21.9 | 0 | 34.4 | 1223 | 13 |
| AUGUSTA | A1165 | VT2P | 115 | 269.5 | 24.5 | 0 | 32.4 | 1197 | 21 |
| LOCAL SEED CO | ZS1098 3330EZ | 3330,B | 110 | 269.0 | 21.7 | 0 | 34.4 | 1214 | 16 |
| AUGUSTA | A5264 GC | 3000GT | 114 | 268.7 | 24.9 | 0 | 32.0 | 1191 | 24 |
| LOCAL SEED CO | LC0877 VT2PRIB | VT2P,B | 108 | 268.5 | 20.4 | 0 | 34.2 | 1221 | 14 |
| DEKALB | DKC62-53RIB GC | VT2P,B | 112 | 268.4 | 21.8 | 0 | 33.7 | 1210 | 18 |
| PIONEER | P0843AM GC | AM,B | 108 | 267.7 | 20.4 | 1 | 34.4 | 1217 | 15 |
| CHEMGRO | 7305RDP | VT2P | 113 | 267.4 | 22.1 | 0 | 32.5 | 1204 | 19 |
| SEED CONSULTANTS | SCS 1139AM | AM,B | 113 | 266.6 | 23.3 | 1 | 34.8 | 1192 | 23 |
| AUGUSTA | A1059 | 3110 | 109 | 264.2 | 20.5 | 0 | 33.9 | 1200 | 20 |
| SEED CONSULTANTS | SCS 1087YHR GC | OI | 108 | 263.2 | 20.8 | 2 | 32.5 | 1194 | 22 |
| LOCAL SEED CO | LC1196 VT2P | VT2P | 111 | 262.4 | 22.3 | 0 | 33.0 | 1180 | 26 |
| MID-ATLANTIC | MA8104SS | STX | 110 | 262.2 | 21.1 | 0 | 32.3 | 1187 | 25 |
| LOCAL SEED CO | LC1577 VT2PRIB | VT2P,B | 115 | 260.8 | 22.5 | 0 | 33.6 | 1172 | 28 |
| NK BRAND | NK0968-3330GT | 3000GT | 109 | 259.8 | 21.9 | 0 | 31.7 | 1171 | 29 |
| MID-ATLANTIC | MA5083 | 3120,B | 108 | 259.1 | 20.6 | 0 | 33.1 | 1177 | 27 |
| MID-ATLANTIC | MA8074VT2P GC | VT2P | 107 | 255.9 | 20.4 | 1 | 31.4 | 1163 | 30 |

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|--------------|--------------|-------------|----------|-------------|-------------|
| Averages = | 266.0 | 22.1 | 0 | 33.1 | 1198 |
| LSD (0.10) = | 13.8 | 1.2 | 1 | | |
| LSD (0.25) = | 7.2 | 0.6 | 0 | | |
| C.V. = | 4.9 | | | | |

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$4.68

2019 Corn - Pennsylvania Southeast [PASE]



All-Season Test Products (42 Total)

| Company/Brand | Brand/Product | 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

[^] 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*

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|--------|---|------|--|------|---|
| 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.