

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

2019 Corn Grain Top 30 Harvest Report

Pennsylvania Central [PACE] CENTRE HALL, PA
Wade Wolfe, Centre County, PA 16828

| | |
|-------------------------------|---|
| All-Season Test | 99 - 109 Day CRM B2019PACE03 |
| Top 30 of 42 | For Gross Income (Sorted by Yield) Average of (3) Replications |
| PREV. CROP/HERB: | Wheat / Harmony Extra |
| SOIL DESCRIPTION: | silt loam, mod. poorly drained, non-irrigated |
| SOIL CONDITION: | Minimum W/O Fall Till, very high P, medium K, 4.7 pH, 3.3% OM, 11.9 CEC |
| PEST MANAGEMENT: | Prowl 3.3, Dual li, Capreno, Atrazine, Capture |
| FERTILITY - Applied N: | 200 Spring |
| Applied N-P-K (units): | 200-135-180 |
| SEDED - RATE - ROW: | Jun 2 34.0 /A 30" spacing |
| HARVESTED - STAND: | Nov 13 32.2 /A |

TEST COMMENTS:

Plot showed some real standability differences. Some hybrids did not handle the disease pressure, mainly anthracnose, and 85% of the ears were harvested. Rainfall was above average for most of the growing season until late August into October when it was drier. Rating of the plot is a 7 out of 10. (10=best)

| Company/Brand | Product/Brand | Technol.† | RM | Yield Bu/A | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|------------------|-----------------|-----------|-----|--------------|------------|-----------|----------------|----------------------|------|
| LOCAL SEED CO | LC0297 SSX | STX | 102 | 240.3 | 18.3 | 3 | 32.5 | 1049 | 1 |
| CHEMGRO | 6905V5Z | 3330,B | 109 | 233.0 | 24.2 | 1 | 33.6 | 983 | 3 |
| AUGUSTA | A4759 | 3111 | 108 | 230.8 | 20.4 | 2 | 32.5 | 996 | 2 |
| HUBNER | H6287RCSS | STX,B | 104 | 223.1 | 17.4 | 42 | 33.3 | 979 | 5 |
| LOCAL SEED CO | LC0488 SSSXRIB | STX,B | 104 | 222.6 | 16.6 | 5 | 32.7 | 982 | 4 |
| SEED CONSULTANTS | SCS 1105AM | AM,B | 109 | 220.8 | 20.5 | 4 | 34.0 | 952 | 6 |
| SEED CONSULTANTS | SCS 1087YHR | OI | 108 | 215.9 | 21.6 | 2 | 32.6 | 925 | 7 |
| PIONEER | P0843AM GC | AM,B | 108 | 213.0 | 21.9 | 3 | 33.0 | 911 | 10 |
| MID-ATLANTIC | MA5083 | 3120,B | 108 | 212.7 | 21.0 | 5 | 31.5 | 915 | 9 |
| MID-ATLANTIC | MA8091VT2P | VT2P | 109 | 211.9 | 22.8 | 17 | 32.2 | 902 | 12 |
| CHEMGRO | 6605RDP | VT2P | 106 | 211.4 | 18.2 | 8 | 30.1 | 924 | 8 |
| AUGUSTA | A1059 | 3110 | 109 | 211.3 | 23.8 | 2 | 34.2 | 894 | 17 |
| NK BRAND | NK0886-3120-EZR | 3120,B | 108 | 208.2 | 20.5 | 8 | 32.7 | 898 | 13 |
| SEED CONSULTANTS | SC-EX110YHR | OI | 108 | 206.9 | 23.6 | 1 | 30.5 | 876 | 24 |
| MID-ATLANTIC | MA8026VT2P | VT2P | 102 | 206.2 | 16.3 | 4 | 31.7 | 911 | 11 |
| DEKALB | DKC55-53RIB GC | STX,B | 105 | 206.2 | 19.2 | 45 | 33.6 | 896 | 16 |
| DYNA-GRO | D49SS70 | STX | 109 | 205.8 | 21.0 | 18 | 32.1 | 885 | 22 |
| MID-ATLANTIC | MA8074VT2P | VT2P | 107 | 204.7 | 18.4 | 4 | 30.2 | 894 | 18 |
| DYNA-GRO | D47VC29 | VT2P | 107 | 204.6 | 17.5 | 13 | 33.8 | 898 | 14 |
| LOCAL SEED CO | LC0877 VT2PRIB | VT2P,B | 108 | 203.5 | 18.2 | 7 | 31.7 | 889 | 20 |
| CHEMGRO | 6395RDP GC | VT2P,B | 103 | 203.5 | 16.7 | 3 | 31.4 | 897 | 15 |
| CHEMGRO | 6505RDP | VT2P | 105 | 202.9 | 17.5 | 21 | 32.4 | 890 | 19 |
| MID-ATLANTIC | MA8034VT2P | VT2P | 103 | 201.2 | 16.4 | 10 | 31.2 | 888 | 21 |
| HUBNER | H6225RCSS | STX,B | 102 | 200.8 | 17.0 | 12 | 33.4 | 884 | 23 |
| MID-ATLANTIC | MA5096 | 3330,B | 109 | 200.6 | 24.7 | 2 | 30.5 | 844 | 27 |
| AUGUSTA | A4559 | 3010 | 107 | 200.0 | 23.0 | 5 | 33.5 | 850 | 26 |
| HUBNER | H6390RCSS | STX,B | 108 | 198.1 | 19.4 | 22 | 32.0 | 860 | 25 |
| AUGUSTA | A2756 | 3000GT | 106 | 191.8 | 19.0 | 6 | 32.0 | 834 | 29 |
| LOCAL SEED CO | LC0057 SSSXRIB | STX,B | 100 | 190.1 | 16.8 | 10 | 33.3 | 837 | 28 |
| DEKALB | DKC52-68RIB GC | VT2P,B | 102 | 189.8 | 17.1 | 10 | 31.4 | 834 | 30 |

Robin Kauffman

Rob Kauffman

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

| | | | | | |
|--------------|--------------|-------------|-----------|-------------|------------|
| Averages = | 199.8 | 19.5 | 11 | 32.2 | 866 |
| LSD (0.10) = | 19.7 | 0.9 | 13 | | |
| LSD (0.25) = | 10.3 | 0.5 | 7 | | |
| C.V. = | 9.3 | | | | |

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$4.45

2019 Corn - Pennsylvania Central [PACE]



All-Season Test Products (42 Total)

| Company/Brand | Product/Brand | Technology | RM |
|---------------|-----------------|------------|-----|
| AUGUSTA | A1059 | 3110 | 109 |
| AUGUSTA | A2756 | 3000GT | 106 |
| AUGUSTA | A4559 | 3010 | 107 |
| AUGUSTA | A4759 | 3111 | 108 |
| AUGUSTA | A4760 | VT2P | 109 |
| AUGUSTA | A4858 | 3010,B | 108 |
| CHEMGRO | 6395RDP GC | VT2P,B | 103 |
| CHEMGRO | 6505RDP | VT2P | 105 |
| CHEMGRO | 6605RDP | VT2P | 106 |
| CHEMGRO | 6905V5Z | 3330,B | 109 |
| DEKALB | DKC52-68RIB GC | VT2P,B | 102 |
| DEKALB | DKC55-53RIB GC | STX,B | 105 |
| DYNA-GRO | D47VC29 | VT2P | 107 |
| DYNA-GRO | D49SS70 | STX | 109 |
| HUBNER | H6225RCSS | STX,B | 102 |
| HUBNER | H6287RCSS | STX,B | 104 |
| HUBNER | H6390RCSS | STX,B | 108 |
| LOCAL SEED CO | LC0057 SSXRIB | STX,B | 100 |
| LOCAL SEED CO | LC0297 SSX | STX | 102 |
| LOCAL SEED CO | LC0488 SSXRIB | STX,B | 104 |
| LOCAL SEED CO | LC0657 SSXRIB | STX,B | 106 |
| LOCAL SEED CO | LC0877 VT2PRIB | VT2P,B | 108 |
| LOCAL SEED CO | LCX07-90 | None | 107 |
| LOCAL SEED CO | ZS0398 3110 | 3110 | 103 |
| MID-ATLANTIC | MA5083 | 3120,B | 108 |
| MID-ATLANTIC | MA5096 | 3330,B | 109 |
| MID-ATLANTIC | MA8017VT2P | VT2P | 101 |
| MID-ATLANTIC | MA8026VT2P | VT2P | 102 |
| MID-ATLANTIC | MA8034VT2P | VT2P | 103 |
| MID-ATLANTIC | MA8074VT2P | VT2P | 107 |
| MID-ATLANTIC | MA8091VT2P | VT2P | 109 |
| NK BRAND | NK0472-3110 | 3110 | 104 |
| NK BRAND | NK0886-3120-EZR | 3120,B | 108 |
| NK BRAND | NK0968-3330GT | 3000GT | 109 |
| PIONEER | P0720AM GC | AM,B | 107 |
| PIONEER | P0843AM GC | AM,B | 108 |

| Company/Brand | Brand/Product | Technology | RM |
|------------------|---------------|------------|-----|
| SEED CONSULTANTS | SC-EX105YHR | OI | 104 |
| SEED CONSULTANTS | SC-EX110YHR | OI | 108 |
| SEED CONSULTANTS | SCS 1069YHR | OI | 106 |
| SEED CONSULTANTS | SCS 1087YHR | OI | 108 |
| SEED CONSULTANTS | SCS 1105AM | AM,B | 109 |
| SEED CONSULTANTS | SCS 989AM | AM,B | 98 |

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*

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