

2019 Corn Silage Harvest Report for Pennsylvania Central [PACE]

Wade Wolfe, Centre County, PA 16828 [CENTRE HALL]



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

PREV. CROP/HERB: Wheat / Harmony Extra
 SOIL INFORMATION: Silt loam, strip-till, very high P, medium K, 5.7 pH, 3.2% OM, non-irrigated
 UNITS N-P-K Applied: 197-185-245, N Applied: 185 Spring, 12 Planter
 PEST MANAGEMENT: Mustang Max,Capreno, Atrazine
 SEEDED - RATE: May 22 34,500 /A
 HARVESTED - STAND: Sep 9 32,600 /A

105 - 116 Day CRM
L2019PACE25

All 36 Products Tested, 3 Rep. Yield Average

| Company/Brand | Product/Brand† | Technology† | CRM | Yield at | | Dry Matter (%) | Crude Protein (% DM) | Starch | | NEL (Mcal/lb) | NDF (% DM) | NDFd (% of NDF) | | uNDF (%DM) 240 h | Milk/Ton DM†† | | Milk/Acre (Lbs) |
|------------------|----------------|-------------|-----|-------------------------------|----------------|----------------|----------------------|--------------|----------------|---------------|------------|-----------------|------|------------------|---------------|------|-----------------|
| | | | | 70% H ₂ O (Tons/A) | Stand (x1,000) | | | Total (% DM) | Digest (% Tot) | | | 24 h | 48 h | | (Lbs) | Rank | |
| NK Brand | NK0968-3330GT | 3000GT | 109 | 26.3 | 32.9 | 33.3 | 7.9 | 42.4 | 48.6 | 0.82 | 33.9 | 34.9 | 56.6 | 6.0 | 3,797 | 2 | 29,958 |
| Local Seed Co. | LC1289 VT2PRIB | VT2P | 112 | 26.8 | 33.3 | 32.3 | 7.8 | 37.7 | 48.9 | 0.79 | 37.7 | 35.8 | 57.1 | 7.0 | 3,683 | 13 | 29,611 |
| Channel | 210-98STXRIB | STX | 112 | 25.3 | 33.8 | 30.8 | 7.6 | 41.6 | 49.9 | 0.82 | 34.2 | 36.2 | 58.0 | 4.8 | 3,770 | 3 | 28,614 |
| Local Seed Co. | LC1586 TC | Trecepta | 115 | 25.3 | 31.5 | 32.0 | 7.7 | 41.6 | 47.1 | 0.81 | 34.5 | 34.9 | 54.7 | 6.2 | 3,758 | 5 | 28,523 |
| Augusta | A5663 | 3000GT | 113 | 25.9 | 32.8 | 31.4 | 7.9 | 34.3 | 49.0 | 0.76 | 40.5 | 34.5 | 57.2 | 7.4 | 3,644 | 15 | 28,314 |
| Local Seed Co. | LC0877 VT2PRIB | VT2P | 108 | 25.1 | 33.9 | 34.3 | 7.2 | 39.2 | 49.5 | 0.79 | 37.6 | 35.1 | 57.8 | 6.7 | 3,756 | 8 | 28,283 |
| Mid-Atlantic | MA8141 | DGVT2P | 114 | 24.7 | 31.1 | 31.5 | 7.9 | 42.1 | 46.6 | 0.82 | 33.4 | 32.8 | 54.2 | 6.6 | 3,805 | 1 | 28,195 |
| Hubner | H6390RCSS | STX | 108 | 25.0 | 32.8 | 34.0 | 7.0 | 39.6 | 49.4 | 0.79 | 36.6 | 34.0 | 57.7 | 6.9 | 3,757 | 6 | 28,178 |
| Hubner | H6663RCSS | STX | 113 | 26.0 | 33.0 | 30.5 | 7.7 | 34.9 | 47.6 | 0.76 | 40.0 | 34.4 | 55.5 | 7.6 | 3,587 | 21 | 27,979 |
| Dyna-Gro | D52VC63 | VT2P | 112 | 27.8 | 33.8 | 31.6 | 7.6 | 31.5 | 46.3 | 0.73 | 43.8 | 32.7 | 54.0 | 9.7 | 3,351 | 36 | 27,947 |
| Hubner | H6755RCSS | STX | 114 | 25.9 | 33.2 | 31.5 | 7.7 | 34.2 | 47.0 | 0.75 | 40.8 | 32.7 | 55.0 | 9.2 | 3,591 | 20 | 27,902 |
| Dyna-Gro | D53VC33 | VT2P | 113 | 24.7 | 32.4 | 33.5 | 7.5 | 38.9 | 46.0 | 0.79 | 37.3 | 32.4 | 53.5 | 7.6 | 3,685 | 12 | 27,306 |
| Local Seed Co. | LC1349 SSXRIB | STX | 113 | 25.8 | 32.3 | 32.1 | 7.7 | 33.6 | 46.3 | 0.75 | 41.3 | 32.2 | 53.9 | 8.9 | 3,508 | 28 | 27,152 |
| Augusta | A4463 | VT2P | 113 | 24.1 | 31.9 | 33.0 | 7.6 | 38.5 | 46.4 | 0.79 | 37.5 | 32.8 | 53.8 | 6.9 | 3,706 | 11 | 26,794 |
| Seed Consultants | SCS 1087YHR | CB/LL/RW | 108 | 24.7 | 33.2 | 29.4 | 7.5 | 35.6 | 50.4 | 0.77 | 39.4 | 36.9 | 58.8 | 6.2 | 3,600 | 18 | 26,676 |
| Pioneer | P0843AM | AM | 108 | 25.8 | 34.3 | 32.4 | 7.3 | 35.2 | 47.3 | 0.75 | 40.9 | 32.2 | 55.0 | 8.5 | 3,442 | 33 | 26,641 |
| Chemgro | 6859V3 | 3111 | 108 | 23.7 | 28.9 | 32.2 | 7.3 | 38.5 | 48.7 | 0.79 | 37.3 | 34.5 | 56.6 | 6.5 | 3,733 | 9 | 26,542 |
| Mid-Atlantic | MA9151 | CONV | 115 | 25.1 | 32.9 | 28.1 | 7.7 | 32.0 | 50.7 | 0.74 | 42.3 | 36.9 | 59.2 | 6.7 | 3,500 | 30 | 26,355 |
| Hubner | H6394RCSS | STX | 108 | 24.2 | 32.8 | 33.4 | 7.4 | 36.5 | 46.9 | 0.77 | 39.6 | 33.2 | 54.7 | 8.7 | 3,603 | 17 | 26,158 |
| Augusta | A1165 | VT2P | 115 | 23.2 | 30.6 | 30.9 | 7.5 | 38.1 | 50.6 | 0.80 | 36.9 | 37.5 | 59.2 | 6.2 | 3,757 | 7 | 26,149 |
| NK Brand | NK1573-3000GT | 3000GT | 115 | 24.6 | 34.2 | 29.8 | 7.6 | 34.4 | 49.0 | 0.76 | 40.6 | 35.9 | 57.1 | 7.6 | 3,522 | 27 | 25,992 |
| Local Seed Co. | LCX16-93 SSX | STX | 116 | 23.8 | 34.3 | 31.1 | 7.0 | 35.6 | 47.7 | 0.77 | 39.8 | 34.7 | 55.5 | 7.4 | 3,635 | 16 | 25,954 |
| Augusta | A5566 | 3111 | 116 | 25.3 | 33.0 | 29.4 | 7.5 | 31.5 | 48.8 | 0.74 | 42.3 | 36.1 | 56.8 | 7.0 | 3,377 | 34 | 25,631 |
| Augusta | A1059 | 3110 | 109 | 22.7 | 32.8 | 33.4 | 7.3 | 42.6 | 48.0 | 0.82 | 34.0 | 34.7 | 55.9 | 6.4 | 3,763 | 4 | 25,626 |

Harvest Report table continued next page

All 36 Products Tested, 3 Rep. Yield Average (continued)

| Company/Brand | Product/Brand† | Technology† | CRM | Yield at | | Dry Matter (%) | Crude Protein (% DM) | Starch | | NEL (Mcal/lb) | NDF (% DM) | NDFd (% of NDF) | | uNDF (%DM) 240 h | Milk/Ton DM†† (Lbs) | | Milk/Acre (Lbs) |
|------------------|----------------|-------------|-----|-------------------------------|----------------|----------------|----------------------|--------------|----------------|---------------|------------|-----------------|------|------------------|---------------------|----|-----------------|
| | | | | 70% H ₂ O (Tons/A) | Stand (x1,000) | | | Total (% DM) | Digest (% Tot) | | | 24 h | 48 h | | Rank | | |
| Seed Consultants | SC-EX105YHR | OI | 104 | 23.0 | 32.9 | 31.5 | 7.8 | 39.6 | 49.0 | 0.79 | 35.6 | 32.9 | 57.3 | 7.6 | 3,712 | 10 | 25,613 |
| NK Brand | NK1205-3120 | 3120 | 112 | 23.1 | 33.3 | 30.2 | 8.1 | 32.7 | 50.0 | 0.76 | 40.4 | 36.5 | 58.7 | 7.6 | 3,653 | 14 | 25,315 |
| Mid-Atlantic | MA8128 | VT2P | 112 | 23.4 | 32.8 | 32.4 | 7.1 | 33.3 | 48.3 | 0.75 | 42.7 | 33.8 | 56.3 | 8.3 | 3,569 | 24 | 25,054 |
| Seed Consultants | SCS 1158YHR | CB/LL/RW | 115 | 23.2 | 33.0 | 31.2 | 6.8 | 32.9 | 49.6 | 0.75 | 41.9 | 35.6 | 57.9 | 7.1 | 3,559 | 25 | 24,771 |
| Mid-Atlantic | MA8074 | VT2P | 107 | 22.9 | 31.6 | 34.1 | 7.3 | 34.3 | 49.2 | 0.75 | 42.0 | 34.3 | 57.6 | 8.7 | 3,583 | 22 | 24,615 |
| Mid-Atlantic | MA5166 | 3111 | 116 | 23.1 | 30.7 | 29.7 | 7.7 | 33.1 | 49.8 | 0.77 | 40.2 | 36.9 | 58.0 | 5.8 | 3,493 | 31 | 24,206 |
| Local Seed Co. | ZS1487 PC | PC | 114 | 22.3 | 30.7 | 29.1 | 7.1 | 35.4 | 49.3 | 0.77 | 39.3 | 36.5 | 57.5 | 6.4 | 3,597 | 19 | 24,064 |
| Augusta | A9967 | 3000GT | 116 | 22.6 | 33.2 | 28.7 | 6.6 | 31.4 | 50.0 | 0.73 | 43.9 | 36.3 | 58.4 | 7.6 | 3,448 | 32 | 23,377 |
| Chemgro | 7399D4Z | 5122 | 113 | 21.9 | 31.5 | 29.8 | 7.5 | 34.9 | 48.3 | 0.76 | 40.7 | 35.5 | 56.4 | 7.7 | 3,554 | 26 | 23,350 |
| Seed Consultants | SCS 1069YHR | CB/LL/RW | 106 | 21.8 | 32.8 | 30.9 | 7.6 | 33.4 | 46.8 | 0.74 | 41.9 | 32.2 | 54.6 | 9.7 | 3,503 | 29 | 22,910 |
| Seed Consultants | SCS 1125YHR | CB/LL/RW | 112 | 21.1 | 31.6 | 28.9 | 7.6 | 36.0 | 49.1 | 0.77 | 39.2 | 35.5 | 57.3 | 6.8 | 3,572 | 23 | 22,611 |
| Mid-Atlantic | MA7084HD | RR | 108 | 19.8 | 32.7 | 30.9 | 7.6 | 29.7 | 46.9 | 0.72 | 44.6 | 33.7 | 54.8 | 10.1 | 3,371 | 35 | 20,024 |

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Average = **24.2** **32.6** **31.4**
 LSD(0.10) = 2.4
 LSD(0.25) = 1.3
 C.V. = 9.4

† See last page for Product/Brand, Technology and Type information. †† Milk/ton: calculated from Rock River data using Milk2006 Traditional 48 hour. **Bold** values significantly better than test average. **ns** = not significant

TEST COMMENTS: *Excellent emergence and good early vigor. Corn looked good all summer. Weed control was good but some root worm beetles chewed silk on some hybrids.*
Overall rating of this plot is 7 out of 10.(10=best)

Visit us at www.firstseedtests.com
Results Table continued next page

Report Date: 9/25/2019

Revised:

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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. |
| GC | Grower Comparison product included by FIRST when space permits. |

Corn Technologies*

| | | | |
|--------|-----------------------------------------------|------|-------------------------------------------------|
| 3000GT | Agrisure® 3000GT (CB,RW,LL,GT) | GT | Agrisure® GT |
| 3010 | Agrisure® 3010 (CB,LL,GT) | HX | Herculex® 1, contains LL |
| 3011,A | Agrisure® Artesian® (CB,RW,LL,GT) | HXRW | Herculex® Rootworm, contains LL |
| 3110 | Agrisure® Viptera® 3110 (Vip, CB,LL,GT) | HXT | Herculex® Xtra (HX,HXRW,LL) |
| 3111 | Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT) | LL | LibertyLink® |
| 3120 | Agrisure® 3120 (CB,HX,LL,GT) | None | conventional corn |
| 3122 | Agrisure® 3122 (CB,HXX,RW,LL,GT) | OI | Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2) |
| 3220 | Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT) | OIX | Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2) |
| A | Agrisure® Artesian® | OIXT | Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2) |
| AM | Optimum® AcreMax® (YGCB,HX,LL,RR2) | PC | PowerCore™ (HX, VT2P) |
| AMT | Optimum® AcreMax® TRIssect (HX,RW,LL,RR2) | RR2 | Roundup Ready® 2 Corn |
| AMX | Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2) | RW | Agrisure® Rootworm |
| AMXT | Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2) | STX | SmartStax® (VT3P,HXT,RR2,LL) |
| AQ | Optimum® AQUAMax® | VT2P | Genuity® VT Double PRO® |
| B | Refuge Blend | VT3P | Genuity® VT Triple PRO® |
| CB | Agrisure® Corn Borer | YGCB | YieldGard® Corn Borer |
| DG | Genuity® DroughtGard® | | |

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