

2020 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: Corn, 2+ Yr / Capreno, atrazine

SOIL INFORMATION: Silt loam, moderately drained, minimum w/o fall till, very high P, low K, 5.3 pH, 2.7% OM, 9.5 CEC

UNITS N-P-K Applied: 180-105-200, N Applied: 180 Fall

PEST MANAGEMENT: Capture, Capreno, atrazine, glyphosate

SEEDED - RATE: May 19 34,500 /A

HARVESTED - STAND: Sep 8 33,300 /A

105 - 116 Day CRM

L2020PACE24

Top 30 of 45 Products Tested, 3 Rep. Yield Average

| Company/Brand | Product/Brand† | Technology‡ | CRM | Yield at | | Dry Matter (%) | Crude Protein (% DM) | Starch Total (% DM) | Starch | | NEL (Mcal/lb) | NDF (% DM) | NDFd (% of NDF) 30 h | uNDF (%DM) 240 h | Milk/Ton DM†† | | Milk/Acre (Lbs) ↓ |
|------------------|----------------------|-------------|-----|----------|----------|----------------|----------------------|---------------------|----------------------------|---------|---------------|------------|----------------------|------------------|---------------|------|-------------------|
| | | | | (Tons/A) | (x1,000) | | | | In Situ Digestible 0 h (%) | 7 h (%) | | | | | (Lbs) | Rank | |
| SEEDWAY | SW6760 GENSS (RIB) | STX,B | 112 | 26.2 | 33.4 | 34.6 | 8.5 | 36.9 | 5.4 | 66.99 | 0.78 | 38.1 | 35.1 | 9.7 | 3,594 | 16 | 28,249 |
| NK BRAND | NK1239-5122-EZR | 5122,B | 112 | 25.0 | 35.9 | 34.6 | 8.1 | 34.6 | 3.3 | 69.22 | 0.76 | 39.8 | 37.7 | 9.8 | 3,534 | 26 | 26,540 |
| HUBNER | H6755RCSS | STX,B | 114 | 24.0 | 33.9 | 34.8 | 7.6 | 36.3 | 9.3 | 69.58 | 0.77 | 38.9 | 32.8 | 10.7 | 3,586 | 19 | 25,819 |
| HUBNER | H6663RCSS | STX,B | 113 | 23.9 | 33.5 | 32.9 | 7.7 | 33.4 | 3.7 | 68.24 | 0.75 | 41.8 | 34.1 | 11.2 | 3,513 | 29 | 25,223 |
| HUBNER | H6257RCSS | STX,B | 104 | 22.1 | 35.1 | 41.0 | 8.1 | 43.2 | 15.6 | 65.79 | 0.83 | 31.8 | 31.2 | 8.4 | 3,744 | 1 | 24,860 |
| SEED CONSULTANTS | SCS 1141AM | AM,B | 114 | 23.2 | 32.9 | 33.3 | 8.2 | 33.5 | 10.2 | 69.54 | 0.76 | 40.4 | 37.6 | 9.3 | 3,564 | 22 | 24,805 |
| SEEDWAY | SW6790 GENVT2P (RIB) | VT2P,B | 112 | 22.5 | 31.9 | 39.7 | 7.9 | 39.0 | 7.5 | 66.95 | 0.79 | 36.4 | 32.4 | 8.6 | 3,565 | 21 | 24,028 |
| DYNA-GRO | D55VC80 | VT2P | 115 | 22.3 | 34.3 | 33.4 | 8.4 | 31.9 | 6.4 | 68.74 | 0.75 | 42.1 | 37.0 | 10.4 | 3,554 | 24 | 23,741 |
| LOCAL SEED | LC0708 VT2PRIB | VT2P,B | 107 | 21.0 | 36.3 | 37.0 | 8.2 | 40.5 | 5.5 | 67.44 | 0.80 | 35.2 | 35.5 | 8.8 | 3,696 | 4 | 23,248 |
| SEED CONSULTANTS | SCS 1121AM | AM,B | 112 | 21.1 | 33.2 | 33.9 | 8.4 | 36.6 | 12.0 | 69.40 | 0.78 | 37.6 | 36.2 | 9.6 | 3,657 | 5 | 23,149 |
| SEEDWAY | SW5440 GENSS (RIB) | STX,B | 105 | 21.8 | 32.4 | 39.0 | 8.0 | 37.5 | 5.6 | 65.47 | 0.78 | 37.6 | 35.5 | 11.1 | 3,534 | 27 | 23,077 |
| NK BRAND | NK1460-5222-EZR | 5222,B | 114 | 21.5 | 33.2 | 33.0 | 8.0 | 38.6 | 5.3 | 68.72 | 0.78 | 37.8 | 36.3 | 9.7 | 3,550 | 25 | 22,898 |
| AUGUSTA | 4463 | VT2P | 113 | 21.2 | 31.0 | 37.9 | 7.9 | 38.2 | 6.9 | 64.28 | 0.78 | 37.8 | 32.1 | 9.9 | 3,591 | 17 | 22,875 |
| CHANNEL | 210-98STXRIB GC | STX,B | 112 | 20.5 | 34.2 | 35.0 | 8.0 | 34.9 | 7.6 | 69.26 | 0.76 | 39.9 | 33.2 | 10.2 | 3,621 | 11 | 22,269 |
| SEEDWAY | SW6630 GENSS (RIB) | STX,B | 109 | 20.0 | 33.3 | 35.7 | 7.4 | 37.3 | 8.1 | 70.19 | 0.78 | 38.5 | 37.7 | 9.6 | 3,632 | 8 | 21,792 |
| MID-ATLANTIC | MA8128-VT2PRIB | VT2P,B | 112 | 19.5 | 34.2 | 41.3 | 8.0 | 43.8 | 12.3 | 61.84 | 0.82 | 32.1 | 28.6 | 7.9 | 3,711 | 3 | 21,672 |
| LOCAL SEED | LC1506 VT2PRIB | VT2P,B | 115 | 20.0 | 30.8 | 37.6 | 7.8 | 39.8 | 4.5 | 64.02 | 0.78 | 37.1 | 31.6 | 10.0 | 3,563 | 23 | 21,378 |
| CHEMGRO | 6819D5Z | 5222,B | 108 | 19.5 | 35.1 | 41.8 | 7.8 | 41.3 | 9.9 | 68.00 | 0.81 | 34.6 | 36.0 | 8.3 | 3,615 | 12 | 21,184 |
| LOCAL SEED | LC0999 VT2PRIB | VT2P,B | 109 | 19.6 | 34.2 | 37.4 | 7.5 | 41.2 | 7.3 | 69.14 | 0.80 | 35.4 | 32.1 | 9.3 | 3,586 | 20 | 21,050 |
| NK BRAND | NK0968-3000GT | 3000GT | 109 | 19.4 | 32.9 | 42.1 | 7.9 | 40.0 | 6.5 | 65.39 | 0.80 | 35.4 | 36.1 | 8.6 | 3,606 | 13 | 20,951 |
| AUGUSTA | 1060 | 3330,B | 110 | 19.2 | 31.6 | 37.7 | 8.0 | 38.8 | 8.0 | 68.33 | 0.80 | 36.3 | 39.5 | 8.4 | 3,632 | 8 | 20,920 |
| LOCAL SEED | LC1488 SXRIB | STX,B | 114 | 19.3 | 33.7 | 38.2 | 8.5 | 35.7 | 2.1 | 65.71 | 0.77 | 38.6 | 37.5 | 9.5 | 3,589 | 18 | 20,816 |
| CHEMGRO | 6859V3 | 3111 | 108 | 18.9 | 32.0 | 34.6 | 7.7 | 32.4 | 9.2 | 74.38 | 0.75 | 41.8 | 39.8 | 10.1 | 3,529 | 28 | 20,009 |
| HUBNER | H6390RCSS | STX,B | 108 | 18.1 | 32.9 | 42.5 | 7.6 | 43.0 | 9.7 | 68.11 | 0.82 | 33.7 | 32.4 | 8.2 | 3,653 | 6 | 19,872 |
| AUGUSTA | 4463C | CONV | 113 | 18.2 | 31.8 | 39.3 | 7.9 | 38.2 | 1.8 | 65.85 | 0.78 | 37.9 | 36.1 | 9.7 | 3,600 | 15 | 19,656 |
| MYCOGEN | UNI06D58 GC | CONV | 106 | 17.1 | 33.0 | 35.5 | 8.6 | 32.8 | 8.0 | 76.18 | 0.76 | 40.5 | 43.7 | 8.4 | 3,730 | 2 | 19,135 |
| SEED CONSULTANTS | SCS 1071AM | AM,B | 107 | 17.6 | 33.4 | 35.3 | 7.9 | 36.4 | 8.1 | 72.32 | 0.78 | 38.2 | 41.5 | 8.9 | 3,602 | 14 | 19,019 |
| NK BRAND | NK1205-3120-EZR | 3120,B | 112 | 17.7 | 33.6 | 32.9 | 8.2 | 32.6 | | 69.86 | 0.76 | 41.4 | 40.9 | 9.7 | 3,513 | 30 | 18,619 |
| SEEDWAY | SW6540 GENVT2P (RIB) | VT2P,B | 107 | 15.8 | 33.3 | 40.0 | 8.2 | 40.4 | 4.4 | 67.58 | 0.81 | 34.0 | 35.7 | 9.5 | 3,634 | 7 | 17,262 |
| SEED CONSULTANTS | SCS 1069YHR | OI | 106 | 14.9 | 32.5 | 38.7 | 8.3 | 38.0 | 6.1 | 67.05 | 0.79 | 36.2 | 36.1 | 9.1 | 3,627 | 10 | 16,176 |

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Average = 20.4 33.3 36.5
 LSD(0.10) = 3.2
 LSD(0.25) = 1.7
 C.V. = 15.0

† 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: *Good planting conditions in Mid-May. Emergence was good. Rainfall was limited for most of the growing season. Rains did come in early August and perked things up. Weed control was spotty with some pigweed present early and a late flush of foxtail. Disease pressure was not a problem. Lack of rainfall caused more variability than normal. Despite high variance, the yield statistics were very significant for entry (P<0.05). The overall rating of the plot is a 7 out of 10.(10=best)*

2020 Corn Silage - Pennsylvania Central [PACE]



All-Season Test Products (45 Total)

| Company/Brand | Product/Brand | Technology | RM |
|------------------|-----------------|------------|-----|
| AUGUSTA | 1060 | 3330,B | 110 |
| AUGUSTA | 1064 | CONV | 114 |
| AUGUSTA | 1165 | VT2P | 115 |
| AUGUSTA | 4463 | VT2P | 113 |
| AUGUSTA | 4463C | CONV | 113 |
| AUGUSTA | 5663 | 3000GT | 113 |
| CHANNEL | 210-98STXRIB GC | STX,B | 112 |
| CHEMGRO | 6819D5Z | 5222,B | 108 |
| CHEMGRO | 6859V3 | 3111 | 108 |
| CHEMGRO | 7305RDP | VT2P,B | 113 |
| CHEMGRO | 7658G3 | 3000GT,B | 116 |
| DYNA-GRO | D53VC33 | VT2P | 113 |
| DYNA-GRO | D55VC80 | VT2P | 115 |
| HUBNER | H6257RCSS | STX,B | 104 |
| HUBNER | H6390RCSS | STX,B | 108 |
| HUBNER | H6663RCSS | STX,B | 113 |
| HUBNER | H6755RCSS | STX,B | 114 |
| LOCAL SEED | LC0607 TCRIB | TRE,B | 106 |
| LOCAL SEED | LC0708 VT2PRIB | VT2P,B | 107 |
| LOCAL SEED | LC0999 VT2PRIB | VT2P,B | 109 |
| LOCAL SEED | LC1289 VT2PRIB | VT2P,B | 112 |
| LOCAL SEED | LC1488 SXXRIB | STX,B | 114 |
| LOCAL SEED | LC1506 VT2PRIB | VT2P,B | 115 |
| MID-ATLANTIC | MA5083 | 3010 | 108 |
| MID-ATLANTIC | MA5166 | 3111 | 116 |
| MID-ATLANTIC | MA8128-VT2PRIB | VT2P,B | 112 |
| MID-ATLANTIC | MA8141 | VT2PDG | 114 |
| MYCOGEN | TMR2H708 GC | CONV | 108 |
| MYCOGEN | UNI06D58 GC | CONV | 106 |
| NK BRAND | NK0968-3000GT | 3000GT | 109 |
| NK BRAND | NK1205-3120-EZR | 3120,B | 112 |
| NK BRAND | NK1239-5122-EZR | 5122,B | 112 |
| NK BRAND | NK1460-5222-EZR | 5222,B | 114 |
| NK BRAND | NK1573-5222-EZR | 5222,B | 115 |
| NK BRAND | NK1677-3110 | 3110 | 116 |
| SEED CONSULTANTS | SCS 1069YHR | OI | 106 |

| Company/Brand | Brand/Product | Technology | RM |
|------------------|----------------------|------------|-----|
| SEED CONSULTANTS | SCS 1071AM | AM,B | 107 |
| SEED CONSULTANTS | SCS 1111Q | QR,B | 111 |
| SEED CONSULTANTS | SCS 1121AM | AM,B | 112 |
| SEED CONSULTANTS | SCS 1141AM | AM,B | 114 |
| SEEDWAY | SW5440 GENSS (RIB) | STX,B | 105 |
| SEEDWAY | SW6540 GENVT2P (RIB) | VT2P,B | 107 |
| SEEDWAY | SW6630 GENSS (RIB) | STX,B | 109 |
| SEEDWAY | SW6760 GENSS (RIB) | STX,B | 112 |
| SEEDWAY | SW6790 GENVT2P (RIB) | VT2P,B | 112 |

Footnotes and Abbreviations Descriptions

Brand Footnotes

- CK Identifies a check product included in early- and full-season tests.
GC Grower Comparison product included by FIRST when space permits.

Corn Silage Technologies*

| | | | |
|--------|---|--------|--------------------------------------|
| 3000GT | Agrisure® 3000GT | QR | Qrome™ |
| 3010 | Agrisure® 3010 | STX | SmartStax® |
| 3110 | Agrisure® Viptera® 3110 (Vip, CB,LL,GT) | TRE | Genuity® Trecepta™ |
| 3111 | Agrisure® Viptera® 3111 | VT2P | Genuity® VT Double PRO® |
| 3120 | Agrisure® 3120 (CB,HX,LL,GT) | VT2PDG | Genuity® VT Double PRO® DroughtGard® |
| 3330 | Agrisure® Viptera® 3330 (Vip,CB,LL,GT) | | |
| 5122 | Agrisure® Duracade™ 5122 | | |
| 5222 | Agrisure® Duracade™ 5222 | | |
| AM | Optimum® AcreMax® | | |
| B | Blend, Refuge in a Bag (RIB) or EZ-Refuge | | |
| CONV | Conventional | | |
| OI | Optimum® Intrasect® | | |