

# 2023 Silage Harvest Report for Pennsylvania Central [ PACE ]

Gerald Smith, Blair County, PA 16662 [ MARTINSBURG ]

PREV. CROP/HERB: Corn, 2+ Yr / HalexGT

SOIL INFORMATION: Hublersburg Cherty silt loam, well drained, no-till, very high P, very high K, 6.3 pH, 4.0% OM, non-irrigated

UNITS N-P-K Applied: 215-150-185, N Applied: 70 Fall, 45 Planter, 100 Sidedress

PEST MANAGEMENT: Ethos, Xyway, Bicep, Atrazine, Accent

SEEDED - RATE: May 15 32,500 /A

HARVESTED - STAND: Sep 30 31,700 /A



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

105 - 116 Day CRM

L2023PACE25

## Top 30 of 36 Products Tested, 3 Rep. Yield Average

| Company/Brand    | Product/Brand† | Technology† | CRM | Yield at         |                | Dry Matter (%) | Crude Protein (% DM) | ENERGY        |                    |               | FIBER      |                      |                  | Milk/Ton DM†† |      | Milk/Acre (Lbs)↓ |
|------------------|----------------|-------------|-----|------------------|----------------|----------------|----------------------|---------------|--------------------|---------------|------------|----------------------|------------------|---------------|------|------------------|
|                  |                |             |     | 65% H2O (Tons/A) | Stand (x1,000) |                |                      | Starch (% DM) | In-Situ SD 7 h (%) | NEL (Mcal/lb) | NDF (% DM) | NDFd 30h* (% of NDF) | uNDF 240 h (%DM) | (Lbs)         | Rank |                  |
| Seed Consultants | SC1093AM       | AM          | 109 | <b>38.5</b>      | 32.0           | 35.3           | 8.3                  | 40.5          | 63.79              | 0.80          | 33.7       | 60.8                 | 9.3              | 3,694         | 1    | 49,823           |
| Seed Consultants | SC1154AM       | AM          | 115 | <b>37.1</b>      | 32.1           | 33.8           | 8.6                  | 40.3          | 58.92              | 0.80          | 34.2       | 60.3                 | 9.6              | 3,670         | 2    | 47,659           |
| Hubner           | H6663RCSS      | STX         | 113 | <b>37.1</b>      | 32.4           | 34.0           | 7.8                  | 39.9          | 67.27              | 0.80          | 35.5       | 58.0                 | 10.8             | 3,511         | 13   | 45,630           |
| Seed Consultants | SCS 1122Q      | QR          | 112 | <b>35.9</b>      | 30.9           | 33.0           | 8.6                  | 38.2          | 67.46              | 0.79          | 36.1       | 59.8                 | 11.4             | 3,591         | 7    | 45,165           |
| Chemgro          | 6929RSX        | STX         | 109 | 35.2             | 31.4           | 35.4           | 8.6                  | 38.7          | 60.76              | 0.79          | 35.4       | 59.5                 | 10.5             | 3,616         | 3    | 44,590           |
| Seedway          | SW1162VT       | VT2P,B      | 111 | 35.3             | 31.7           | 36.3           | 8.3                  | 39.4          | 65.53              | 0.80          | 34.4       | 59.4                 | 10.3             | 3,598         | 5    | 44,415           |
| Seed Consultants | SCS 1112AM     | AM          | 111 | <b>35.8</b>      | 32.0           | 32.6           | 8.7                  | 37.7          | 69.43              | 0.78          | 36.6       | 56.8                 | 11.2             | 3,481         | 18   | 43,613           |
| Seed Consultants | SC1094Q        | QR          | 109 | 35.3             | 31.5           | 31.8           | 8.9                  | 36.7          | 71.37              | 0.77          | 37.8       | 59.1                 | 11.3             | 3,486         | 16   | 43,071           |
| Augusta          | A1165          | VT2P        | 115 | 34.3             | 31.8           | 34.5           | 8.1                  | 37.8          | 64.31              | 0.77          | 36.4       | 60.5                 | 11.1             | 3,590         | 8    | 43,060           |
| Mid-Atlantic     | MA5103D        | D           | 110 | 33.5             | 30.7           | 35.3           | 7.9                  | 42.9          | 67.43              | 0.81          | 33.6       | 59.2                 | 10.9             | 3,609         | 4    | 42,358           |
| Chemgro          | 7539D4Z        | D           | 115 | 35.2             | 31.0           | 33.2           | 8.5                  | 36.7          | 66.25              | 0.78          | 38.0       | 57.8                 | 12.2             | 3,411         | 22   | 41,985           |
| Augusta          | A6362          | DV          | 112 | <b>36.1</b>      | 32.1           | 33.7           | 8.6                  | 34.5          | 65.96              | 0.75          | 40.8       | 57.9                 | 12.6             | 3,299         | 29   | 41,726           |
| Augusta          | A2064          | DV          | 114 | 33.0             | 32.1           | 35.5           | 7.9                  | 37.8          | 66.18              | 0.78          | 36.9       | 61.2                 | 10.5             | 3,549         | 9    | 41,033           |
| Hubner           | H6755RCSS      | STX         | 114 | 33.6             | 31.6           | 33.4           | 8.3                  | 36.6          | 64.27              | 0.75          | 39.0       | 57.9                 | 13.7             | 3,465         | 19   | 40,713           |
| Revere           | 0918 SXRIB     | STX         | 109 | 32.8             | 33.2           | 34.0           | 8.2                  | 37.7          | 64.35              | 0.77          | 37.0       | 58.3                 | 11.8             | 3,520         | 12   | 40,451           |
| Mid-Atlantic     | MA5168DV       | DV          | 116 | 31.9             | 30.3           | 32.2           | 9.4                  | 38.7          | 60.86              | 0.81          | 34.1       | 59.5                 | 9.6              | 3,598         | 6    | 40,126           |
| Chemgro          | 7045G2Z        | AA          | 110 | 33.7             | 31.2           | 34.1           | 8.5                  | 36.3          | 67.98              | 0.77          | 38.3       | 57.4                 | 11.3             | 3,387         | 23   | 39,951           |
| Hubner           | H6456RCSS      | STX         | 109 | 32.9             | 31.3           | 33.5           | 8.5                  | 36.8          | 65.64              | 0.76          | 37.9       | 56.2                 | 12.3             | 3,428         | 20   | 39,437           |
| Pine Creek       | R6018DV        | DV          | 110 | 32.4             | 30.5           | 37.1           | 7.9                  | 41.7          | 61.86              | 0.78          | 35.5       | 55.7                 | 11.8             | 3,481         | 17   | 39,437           |
| Mid-Atlantic     | MA5124 3110    | 3110        | 112 | 34.3             | 30.9           | 32.5           | 8.2                  | 35.7          | 64.44              | 0.75          | 38.8       | 53.5                 | 12.8             | 3,275         | 30   | 39,352           |
| Mid-Atlantic     | MA5144D        | D           | 114 | 33.8             | 31.9           | 31.9           | 8.5                  | 34.0          | 69.64              | 0.75          | 39.7       | 57.2                 | 12.7             | 3,313         | 27   | 39,190           |
| Hubner           | H0475P         | STXP        | 104 | 31.8             | 32.5           | 36.4           | 8.2                  | 40.4          | 62.49              | 0.79          | 36.4       | 57.4                 | 11.7             | 3,508         | 14   | 39,085           |
| Hubner           | H0881D         | VT2P        | 108 | 33.5             | 31.1           | 35.4           | 8.4                  | 35.2          | 64.48              | 0.75          | 40.0       | 58.1                 | 12.6             | 3,317         | 26   | 38,856           |
| Seed Consultants | SC1134AM       | AM          | 113 | 33.3             | 32.7           | 33.3           | 9.0                  | 35.6          | 75.77              | 0.78          | 37.8       | 55.5                 | 12.5             | 3,327         | 25   | 38,779           |
| Augusta          | A1265          | DV          | 115 | 31.5             | 31.2           | 35.1           | 8.2                  | 40.2          | 60.72              | 0.79          | 35.4       | 56.7                 | 11.6             | 3,520         | 11   | 38,768           |
| Mid-Atlantic     | MA6153PWE      | PC          | 115 | 32.5             | 32.8           | 32.0           | 8.7                  | 34.6          | 64.11              | 0.74          | 39.2       | 55.6                 | 11.8             | 3,376         | 24   | 38,407           |
| Seedway          | SW 1188SS      | STX         | 111 | 33.0             | 33.3           | 33.6           | 8.8                  | 32.6          | 62.86              | 0.75          | 39.9       | 55.7                 | 11.3             | 3,310         | 28   | 38,268           |
| Augusta          | A1964          | 3110        | 114 | 31.4             | 34.2           | 33.0           | 8.6                  | 34.9          | 65.81              | 0.76          | 38.3       | 57.7                 | 12.0             | 3,425         | 21   | 37,602           |
| Seedway          | SW 0999SS      | STX         | 109 | 30.2             | 31.9           | 36.5           | 8.7                  | 37.1          | 59.98              | 0.76          | 38.4       | 58.3                 | 11.8             | 3,497         | 15   | 36,962           |
| Revere           | 1524 DV        | DV          | 115 | 29.5             | 31.8           | 34.0           | 8.3                  | 38.9          | 68.23              | 0.79          | 36.1       | 57.7                 | 11.7             | 3,521         | 10   | 36,355           |

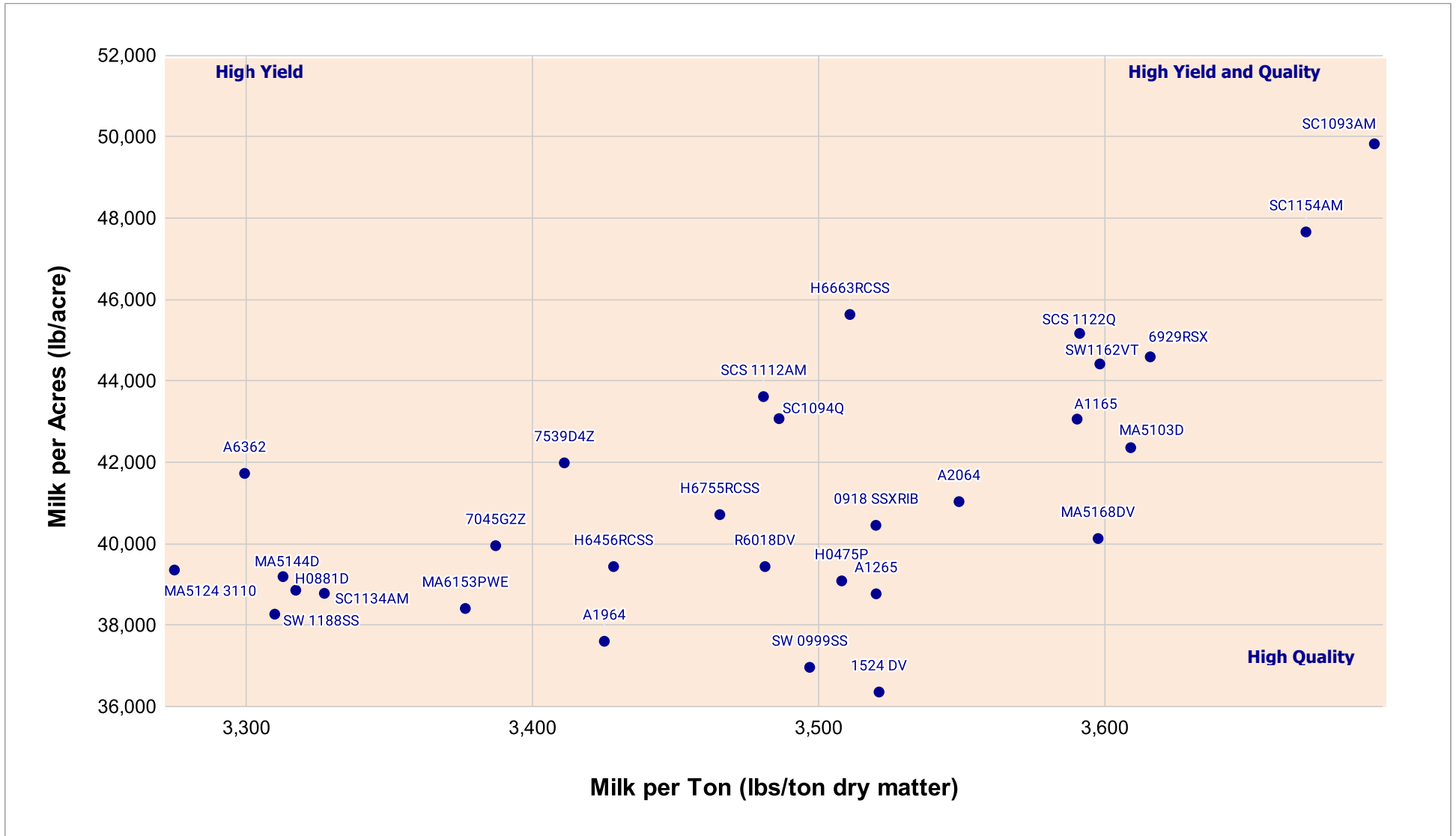
|             |             |             |             |            |             |             |             |             |             |             |              |               |
|-------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|---------------|
| Average =   | <b>33.3</b> | <b>31.7</b> | <b>34.0</b> | <b>8.4</b> | <b>36.8</b> | <b>65.4</b> | <b>0.80</b> | <b>37.8</b> | <b>57.5</b> | <b>11.8</b> | <b>3,430</b> | <b>41,195</b> |
| LSD(0.10) = | 2.3         |             |             |            |             |             |             |             |             |             |              |               |
| LSD(0.25) = | 1.2         |             |             |            |             |             |             |             |             |             |              |               |
| C.V. =      | 6.5         |             |             |            |             |             |             |             |             |             |              |               |

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

**TEST COMMENTS:** *The plot started off well with good uniform emergence. Rainfall was abundant throughout the growing season. Weed control was good. Disease pressure was light, mainly having anthracnose with some gray leaf spot and northern lesions. Tar spot was noticed but only on upper leaves and not all hybrids were infected. The overall rating of this plot is 9 out of 10. (10=best)*

Yield vs Quality Graph

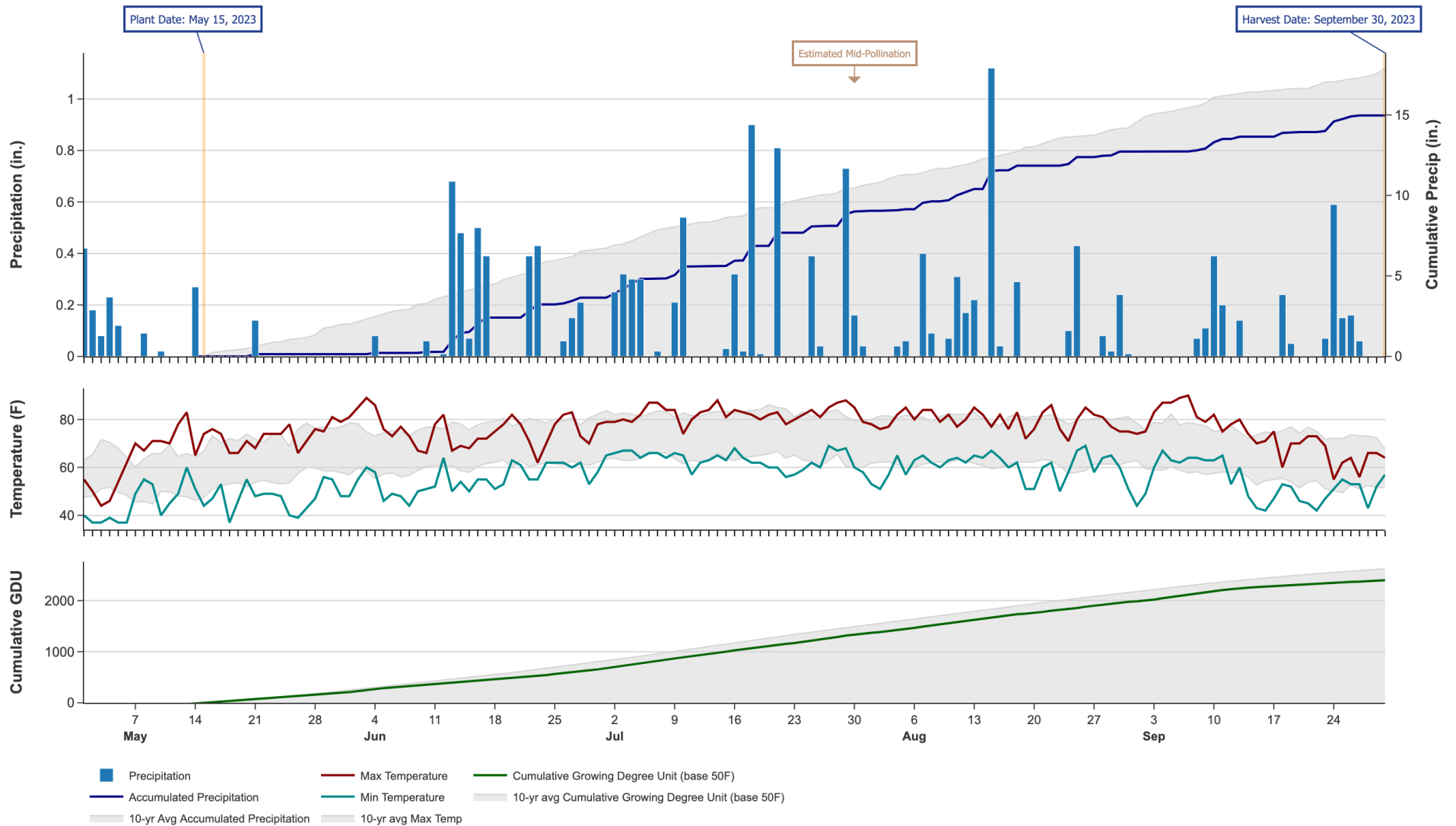


# 2023 Corn Silage - Pennsylvania Central [ PACE ]

## Weather Conditions Summary at MARTINSBURG, PA

Weather Data Retrieved: 10/06/2023

| Monthly Total        | May*             | Jun              | Jul              | Aug              | Sep*             | Total              |
|----------------------|------------------|------------------|------------------|------------------|------------------|--------------------|
| Precip (in)   (Diff) | 1.6   4.3 (-2.8) | 3.5   4.6 (-1.1) | 5.4   4.0 (+1.4) | 3.7   3.6 (+0.1) | 2.2   3.7 (-1.5) | 16.4   20.2 (-3.8) |
| GDU   Avg (Diff)     | 309   352 (-43)  | 460   565 (-105) | 702   716 (-14)  | 619   651 (-32)  | 424   459 (-35)  | 2514   2745 (-231) |



\* First monthly total starts on the date 14 days prior to planting and final monthly total ends on the harvest date.

Note: Weather information from PRISM Climate Group. Data may be revised by the provider after retrieval. FIRST will not revise or update reports to reflect any weather data changes. For information purposes only.

## 2023 Corn Silage - Pennsylvania Central [ PACE ]

### All-Season Test Products (36 Total)

| Company/Brand    | Product/Brand | Technology | RIB | RM  | Seed Treat. |
|------------------|---------------|------------|-----|-----|-------------|
| Augusta          | A1165         | VT2P       | N   | 115 | CM,C2       |
| Augusta          | A1265         | DV         | N   | 115 | CM,C2       |
| Augusta          | A1964         | 3110       | N   | 114 | CM,C2       |
| Augusta          | A2064         | DV         | Y   | 114 | AVC         |
| Augusta          | A4465         | DV         | N   | 115 | CM,C2       |
| Augusta          | A6362         | DV         | N   | 112 | CM,C2       |
| Chemgro          | 6749D4Z       | D          | Y   | 107 | CM,C5       |
| Chemgro          | 6929RSX       | STX        | Y   | 109 | AC,P5V      |
| Chemgro          | 7045G2Z       | AA         | Y   | 110 | CM,C5       |
| Chemgro          | 7539D4Z       | D          | Y   | 115 | CM,C2       |
| Hubner           | H0475P        | STXP       | Y   | 104 | AC,P5V,B360 |
| Hubner           | H0881D        | VT2P       | Y   | 108 | AC,P5,B360  |
| Hubner           | H6390RCSS     | STX        | Y   | 108 | AC,P5V,B360 |
| Hubner           | H6456RCSS     | STX        | Y   | 109 | AC,P5V,B360 |
| Hubner           | H6663RCSS     | STX        | Y   | 113 | AC,P5V      |
| Hubner           | H6755RCSS     | STX        | Y   | 114 | AC,P5V,B360 |
| Mid-Atlantic     | MA5103D       | D          | Y*  | 110 | CM,C2       |
| Mid-Atlantic     | MA5124 3110   | 3110       | Y*  | 112 | CM,C2       |
| Mid-Atlantic     | MA5144D       | D          | Y*  | 114 | CM,C2       |
| Mid-Atlantic     | MA5161DV      | DV         | Y*  | 116 | CM,C2       |
| Mid-Atlantic     | MA5168DV      | DV         | Y*  | 116 | CM,C2       |
| Mid-Atlantic     | MA6153PWE     | PC         | Y*  | 115 | CM,C2       |
| Pine Creek       | R6018DV       | DV         | Y   | 110 | Tr          |
| Revere           | 0518 VT2PRIB  | VT2P       | Y   | 105 | AC,P5       |
| Revere           | 0918 SSXRIB   | STX        | Y   | 109 | AC,P5       |
| Revere           | 1307 TCRIB    | TRE        | Y   | 113 | AC,P5       |
| Revere           | 1524 DV       | DV         | Y   | 115 | AC,P5       |
| Seed Consultants | SC1093AM      | AM         | Y   | 109 | Lum,L1      |
| Seed Consultants | SC1094Q       | QR         | Y   | 109 | Lum,L1      |
| Seed Consultants | SC1134AM      | AM         | Y   | 113 | Lum,L1      |
| Seed Consultants | SC1154AM      | AM         | Y   | 115 | Lum,L1      |
| Seed Consultants | SCS 1112AM    | AM         | Y   | 111 | Lum,L1      |
| Seed Consultants | SCS 1122Q     | QR         | Y   | 112 | Lum,L1      |
| Seedway          | SW 0999SS     | STX        | Y   | 109 | AC,P5       |
| Seedway          | SW1162VT      | VT2P,B     | Y   | 111 | AC,P5       |
| Seedway          | SW 1188SS     | STX        | Y   | 111 | AC,P5       |

\* FIRST does not inspect products for refuge blend. N\* indicates the product was entered without a refuge component by the sponsoring seed company. Prior year entries may contain refuge blend.

## Footnotes and Abbreviations Descriptions

### Brand Footnotes

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GC Grower Comparison product included by FIRST when space permits.

### Corn Silage Technologies

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|      |   |
|------|---|
| 3110 | Agrisure® Viptera® 3110 (Vip, CB,LL,GT)                                     |
| AA   | Agrisure® Above (CB,HX,LL,GT), formerly Agrisure® 3120                      |
| AM   | Optimum® AcreMax®   |
| D    | Duracade™ (CB,HX,RW,RW2,LL,GT), formerly Agrisure Duracade® 5122            |
| DV   | DuracadeViptera™ (Vip,CB,HX,RW,RW2,LL,GT), formerly Agrisure Duracade® 5222 |
| PC   | PowerCore®  |
| QR   | Qrome®  |
| STX  | SmartStax®  |
| STXP | SmartStax® Pro with RNAi Technology   |
| TRE  | Trecepta®   |
| VT2P | VT Double PRO®  |

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### Corn Silage Seed Treatments\*

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|             |   |
|-------------|---|
| NA          | Not Available                                       |
| AC,P5       | Acceleron® 500                                      |
| AC,P5,B360  | Acceleron® Poncho 500 with BioRise™ B-360 ST        |
| AC,P5V      | Acceleron® Poncho 500/Votivo                        |
| AC,P5V,B360 | Acceleron® Poncho 500/Votivo with BioRise™ B-360 ST |
| AVC         | Avicta® Complete Corn                               |
| CM,C2       | CruiserMaxx® 250                                    |
| CM,C5       | CruiserMaxx® 500                                    |
| Lum,L1      | LumiGEN™, Lumisure 1250                             |
| Tr          | Treated - unspecified treatment                     |

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\* Seed treatments may include unspecified plant health promoting components.