

## 2021 Silage Region Summary for Pennsylvania Central [ PACE ]



Test sites include: Centre Hall, Martinsburg, Mifflintown, New Bloomfield

### 105 - 116 Day CRM

### Top 30 of 42 Products Tested Yield, Average of (12) Replications

### Silage Quality / Milk Production, Average of (4) Replications

| Company/Brand    | Product/Brand†     | Technology† | CRM | Yield at<br>65% H2O<br>(Tons/A) | Stand<br>(x1,000) | Dry<br>Matter<br>(%) | Crude<br>Protein<br>(% DM) | ENERGY           |                       |                  | FIBER         |                         |                     | Milk/Ton DM†† |      | Milk/<br>Acre<br>(Lbs)↓ |
|------------------|--------------------|-------------|-----|---------------------------------|-------------------|----------------------|----------------------------|------------------|-----------------------|------------------|---------------|-------------------------|---------------------|---------------|------|-------------------------|
|                  |                    |             |     |                                 |                   |                      |                            | Starch<br>(% DM) | In-Situ SD<br>7 h (%) | NEL<br>(Mcal/lb) | NDF<br>(% DM) | NDFd 30h*<br>(% of NDF) | uNDF 240 h<br>(%DM) | (Lbs)         | Rank |                         |
| Augusta          | A1059              | 3000GT      | 109 | 25.2                            | 0.0               | 37.4                 | 7.8                        | <b>40.0</b>      | 61.33                 | 0.79             | 35.4          | 56.8                    | 9.3                 | 3,574         | 5    | 31,523                  |
| Mid-Atlantic     | MA5144             | 5122,B      | 114 | 24.6                            | 0.0               | 32.9                 | 7.6                        | <b>38.4</b>      | 63.03                 | 0.78             | 36.7          | 56.9                    | 11.1                | 3,544         | 6    | 30,536                  |
| Seed Consultants | SCS 1071AM         | AM,B        | 107 | 23.7                            | 0.0               | 33.5                 | 8.4                        | <b>39.4</b>      | 63.68                 | <b>0.79</b>      | 35.1          | 60.1                    | 8.7                 | <b>3,634</b>  | 2    | 30,165                  |
| Seedway          | SW1162VT           | VT2P,B      | 111 | 23.6                            | 0.0               | 34.7                 | 7.8                        | <b>39.5</b>      | 61.43                 | <b>0.80</b>      | 34.9          | 59.9                    | 10.4                | <b>3,597</b>  | 3    | 29,862                  |
| Mid-Atlantic     | MA5165HD           | 3000GT      | 116 | 25.1                            | 0.0               | 31.0                 | 7.6                        | 34.9             | 62.85                 | 0.75             | 39.2          | 56.1                    | 11.4                | 3,397         | 27   | 29,852                  |
| Seedway          | SW0763VT           | VT2P,B      | 107 | 24.4                            | 0.0               | 35.8                 | 7.9                        | 37.0             | 60.50                 | 0.76             | 37.9          | 57.0                    | 10.5                | 3,478         | 14   | 29,761                  |
| Channel          | 209-15STX          | STX,B       | 109 | 23.5                            | 0.0               | 33.7                 | 8.0                        | <b>39.1</b>      | 62.25                 | 0.78             | 36.1          | 58.4                    | 9.9                 | 3,587         | 4    | 29,553                  |
| Local Seed       | LC1307 TCRIB       | TRE,B       | 113 | 24.3                            | 0.0               | 33.3                 | 7.6                        | 36.9             | 61.03                 | 0.77             | 37.9          | 55.8                    | 11.8                | 3,432         | 22   | 29,394                  |
| Hubner           | H6257RCSS          | STX,B       | 104 | 23.0                            | 0.0               | 38.0                 | 7.9                        | <b>40.2</b>      | 63.38                 | <b>0.80</b>      | 34.7          | 60.4                    | 8.9                 | <b>3,645</b>  | 1    | 29,247                  |
| Local Seed       | LC1289 VT2PRIB     | VT2P,B      | 112 | 24.5                            | 0.0               | 33.5                 | 7.6                        | 34.5             | 61.63                 | 0.76             | 39.8          | 57.0                    | 12.4                | 3,402         | 26   | 29,235                  |
| Seedway          | SW6540 GENVT2P RIB | VT2P,B      | 109 | 23.8                            | 0.0               | 34.9                 | 7.7                        | 37.5             | 62.10                 | 0.77             | 37.6          | 57.4                    | 10.7                | 3,478         | 14   | 28,994                  |
| Chemgro          | 6929RSX            | STX,B       | 109 | 23.5                            | 0.0               | 34.1                 | 8.2                        | 35.8             | 62.28                 | 0.77             | 38.1          | 58.2                    | 10.0                | 3,525         | 9    | 28,965                  |
| Augusta          | A1165              | VT2P        | 115 | 23.8                            | 0.0               | 32.3                 | 7.9                        | 34.9             | 61.80                 | 0.76             | 39.0          | 56.5                    | 11.7                | 3,456         | 18   | 28,797                  |
| Seed Consultants | SCS 1122Q          | QR,B        | 112 | 23.7                            | 0.0               | 31.5                 | 7.9                        | 35.2             | 63.45                 | 0.76             | 39.1          | 58.2                    | 11.2                | 3,461         | 17   | 28,761                  |
| Mid-Atlantic     | MA5083-5122-EZ     | 5122,B      | 108 | 23.5                            | 0.0               | 34.6                 | 7.8                        | 37.3             | 63.55                 | 0.77             | 37.6          | 58.4                    | 10.4                | 3,500         | 12   | 28,746                  |
| Local Seed       | LC0999 VT2PRIB     | VT2P,B      | 109 | 23.1                            | 0.0               | 36.4                 | 7.5                        | <b>39.6</b>      | 61.63                 | 0.79             | 35.8          | 57.2                    | 10.5                | 3,543         | 7    | 28,720                  |
| Mid-Atlantic     | MA8128-VT2PRIB     | VT2P,B      | 112 | 23.6                            | 0.0               | 35.4                 | 7.4                        | 36.8             | 59.48                 | 0.76             | 38.4          | 57.6                    | 11.7                | 3,453         | 19   | 28,538                  |
| Augusta          | A5664              | 5222        | 114 | 23.1                            | 0.0               | 31.3                 | 7.7                        | 35.6             | 63.35                 | 0.76             | 38.3          | 58.0                    | 10.6                | 3,502         | 11   | 28,384                  |
| Augusta          | A4463              | VT2P        | 113 | 23.7                            | 0.0               | 33.6                 | 8.3                        | 34.4             | 59.60                 | 0.75             | 39.2          | 57.0                    | 11.7                | 3,408         | 24   | 28,373                  |
| Local Seed       | LC1407 VT2PRIB     | VT2P,B      | 114 | 23.3                            | 0.0               | 32.1                 | 8.1                        | 34.4             | 60.70                 | 0.75             | 39.1          | 56.4                    | 11.0                | 3,425         | 23   | 28,128                  |
| Seed Consultants | SCS 1092AM         | AM,B        | 109 | 22.6                            | 0.0               | 36.0                 | 7.9                        | 38.0             | 62.13                 | 0.78             | 36.7          | 58.6                    | 10.5                | 3,535         | 8    | 28,017                  |
| Mid-Atlantic     | MA8141             | VT2PDG,B    | 114 | 22.8                            | 0.0               | 31.4                 | 8.1                        | 36.4             | 62.55                 | 0.77             | 37.2          | 55.2                    | 11.1                | 3,480         | 13   | 27,807                  |
| Local Seed       | LC0607 TCRIB       | TRE,B       | 106 | 23.0                            | 0.0               | 38.5                 | 7.8                        | 38.3             | 62.48                 | 0.77             | 37.2          | 56.1                    | 10.7                | 3,450         | 20   | 27,624                  |
| Dyna-Gro         | D53VC33            | VT2P        | 113 | 23.2                            | 0.0               | 33.3                 | 7.5                        | 35.0             | 59.18                 | 0.75             | 39.5          | 55.5                    | 11.8                | 3,380         | 30   | 27,450                  |
| Augusta          | A1457              | 5122,B      | 107 | 22.2                            | 0.0               | 34.7                 | 8.0                        | 37.5             | 62.65                 | 0.78             | 36.5          | 57.3                    | 9.9                 | 3,505         | 10   | 27,320                  |
| Mid-Atlantic     | MA5103             | 5122,B      | 110 | 22.9                            | 0.0               | 32.9                 | 7.4                        | 35.7             | 64.08                 | 0.76             | 39.0          | 56.2                    | 12.2                | 3,380         | 29   | 27,236                  |
| Channel          | 210-98STXRIB       | STX,B       | 112 | 22.5                            | 0.0               | 32.4                 | 7.9                        | 35.2             | 62.10                 | 0.77             | 38.8          | 59.0                    | 11.5                | 3,443         | 21   | 27,136                  |
| Chemgro          | 7119D4Z            | 5122,B      | 111 | 22.9                            | 0.0               | 32.3                 | 7.6                        | 35.5             | 64.10                 | 0.77             | 38.9          | 57.1                    | 11.7                | 3,385         | 28   | 27,106                  |
| Augusta          | A4463C             | CONV        | 113 | 21.2                            | 0.0               | 33.2                 | 8.0                        | 35.6             | 59.50                 | 0.76             | 38.7          | 56.8                    | 11.9                | 3,477         | 16   | 25,841                  |
| Brevant          | B06U78SXE          | STX,E       | 106 | 19.9                            | 0.0               | 35.5                 | 8.1                        | 31.8             | 62.28                 | 0.74             | 41.7          | 64.6                    | 8.5                 | 3,406         | 25   | 23,706                  |
| Average =        |                    |             |     | <b>23.1</b>                     | <b>33.3</b>       | <b>33.4</b>          | <b>7.8</b>                 | <b>35.1</b>      | <b>62.1</b>           | <b>0.76</b>      | <b>39.1</b>   | <b>57.5</b>             | <b>11.2</b>         | <b>3,425</b>  |      | <b>27,738</b>           |
| LSD(0.10) =      |                    |             |     | ns                              |                   | ns                   | ns                         | 3.3              | ns                    | 0.03             | 3.44          | ns                      | ns                  | 168.6         |      | ns                      |
| LSD(0.25) =      |                    |             |     | ns                              |                   | ns                   | ns                         | 1.7              | ns                    | 0.02             | 1.81          | ns                      | ns                  | 88.5          |      | ns                      |
| C.V. =           |                    |             |     | 10.6                            |                   | 17.9                 | 10.4                       | 10.2             | 5.7                   | 4.4              | 9.7           | 8.1                     | 17.7                | 5.4           |      | 13.1                    |

† 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

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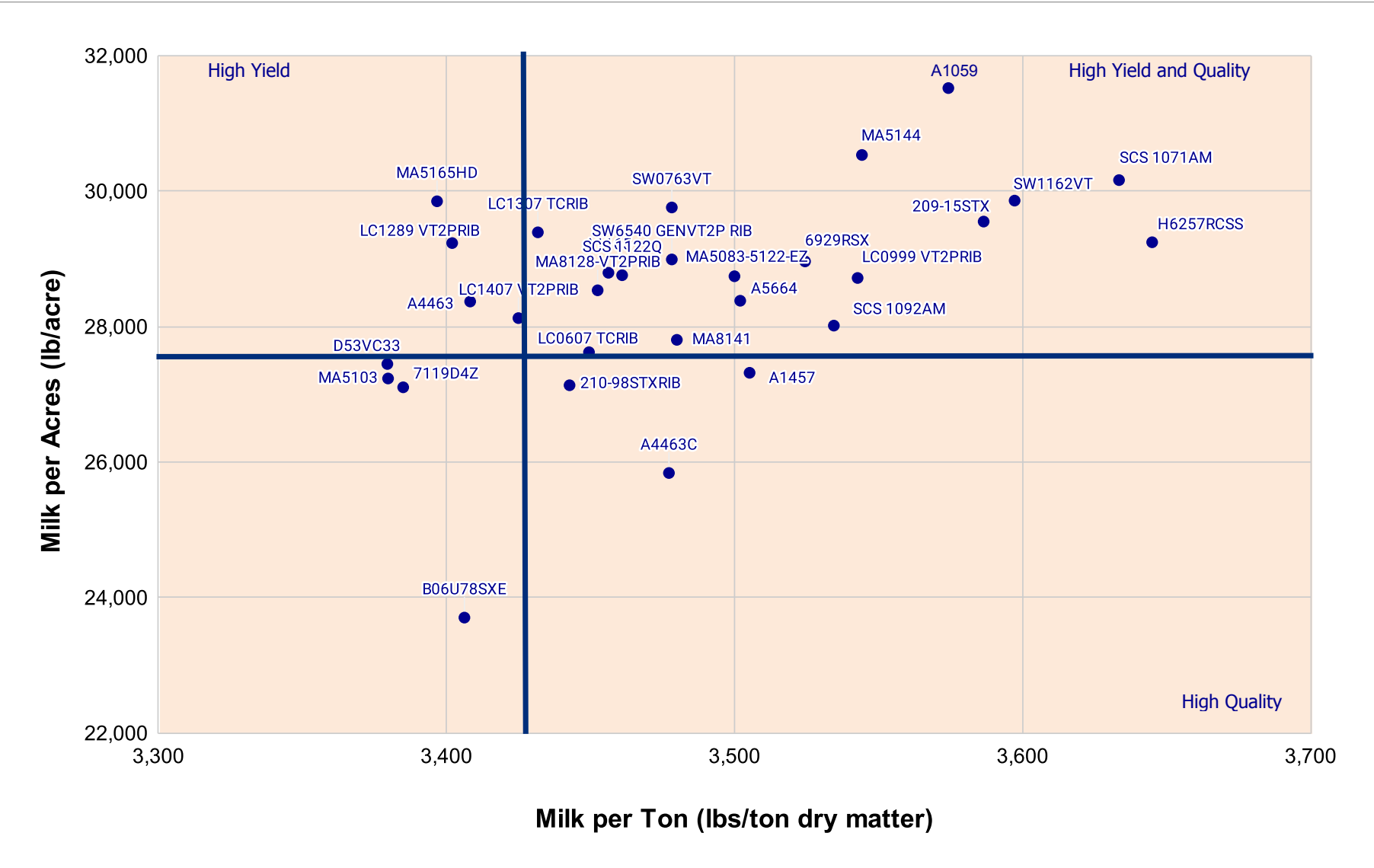
2021 Silage Region Summary for Pennsylvania Central [ PACE ]

Test sites include: Centre Hall, Martinsburg, Mifflintown, New Bloomfield

Yield vs Quality Graph

**105 - 116 Day CRM**

Top 30 of 42 Products Tested



## 2021 Corn Silage - Pennsylvania Central [ PACE ]

### All-Season Test Products (42 Total)

| Company/Brand    | Product/Brand   | Technology | RIB | RM  | Seed Treat. |
|------------------|-----------------|------------|-----|-----|-------------|
| AgriGold         | A645-80 GC      | 3111       | N   | 115 | NA          |
| Augusta          | A1059           | 3000GT     | N   | 109 | CM,C2       |
| Augusta          | A1165           | VT2P       | N   | 115 | CM,C2       |
| Augusta          | A1457           | 5122,B     | Y   | 107 | AC,P5       |
| Augusta          | A4463           | VT2P       | N   | 113 | CM,C2       |
| Augusta          | A4463C          | CONV       | N   | 113 | CM,C2       |
| Augusta          | A5664           | 5222       | N   | 114 | CM,C2       |
| Brevant          | B06B78SX GC     | STX,E      | N*  | 106 | NA          |
| Brevant          | B06U78SX GC     | STX,E      | N*  | 106 | NA          |
| Brevant          | B15B75SX GC     | STX        | N*  | 115 | NA          |
| Channel          | 209-15STX GC    | STX,B      | Y   | 109 | NA          |
| Channel          | 210-98STXRIB GC | STX,B      | Y   | 112 | NA          |
| Chemgro          | 6929RSX         | STX,B      | Y   | 109 | AC,P5       |
| Chemgro          | 7119D4Z         | 5122,B     | Y   | 111 | CM,C2       |
| Chemgro          | 7309RSX         | STX,B      | Y   | 113 | AC,P2       |
| Chemgro          | 7615RDP         | VT2P,B     | Y   | 116 | CM,C2       |
| Dyna-Gro         | D53VC33         | VT2P       | N   | 113 | AC,P5V      |
| Dyna-Gro         | D55VC80         | VT2P       | N   | 115 | AC,P5       |
| Hubner           | H6257RCSS       | STX,B      | Y   | 104 | AC,P5V      |
| Hubner           | H6663RCSS       | STX,B      | Y   | 113 | AC,P5V      |
| Hubner           | H6755RCSS       | STX,B      | Y   | 114 | AC,P5V      |
| Local Seed       | LC0607 TCRIB    | TRE,B      | Y   | 106 | RP          |
| Local Seed       | LC0999 VT2PRIB  | VT2P,B     | Y   | 109 | RP          |
| Local Seed       | LC1289 VT2PRIB  | VT2P,B     | Y   | 112 | RP          |
| Local Seed       | LC1307 TCRIB    | TRE,B      | Y   | 113 | RP          |
| Local Seed       | LC1407 VT2PRIB  | VT2P,B     | Y   | 114 | RP          |
| Local Seed       | LC1506 VT2PRIB  | VT2P,B     | Y   | 115 | RP          |
| Mid-Atlantic     | MA5083-5122-EZ  | 5122,B     | Y   | 108 | CM,C2       |
| Mid-Atlantic     | MA5103          | 5122,B     | Y   | 110 | CM,C2       |
| Mid-Atlantic     | MA5144          | 5122,B     | Y   | 114 | CM,C2       |
| Mid-Atlantic     | MA5165HD        | 3000GT     | N*  | 116 | CM,C2       |
| Mid-Atlantic     | MA8128-VT2PRIB  | VT2P,B     | N*  | 112 | AC,P2       |
| Mid-Atlantic     | MA8141          | VT2PDG,B   | N*  | 114 | AC,P2       |
| Seed Consultants | SCS 1071AM      | AM,B       | Y   | 107 | AC,P5V      |
| Seed Consultants | SCS 1092AM      | AM,B       | Y   | 109 | AC,P5V      |
| Seed Consultants | SCS 1112AM      | AM,B       | Y   | 111 | AC,P5V      |

| Company/Brand    | Brand/Product      | Technology | RIB | RM  | Seed Treat. |
|------------------|--------------------|------------|-----|-----|-------------|
| Seed Consultants | SCS 1122Q          | QR,B       | Y   | 112 | AC,P5V      |
| Seed Consultants | SCS 1141AM         | AM,B       | Y   | 114 | AC,P5V      |
| Seedway          | SW0763VT           | VT2P,B     | Y   | 107 | AC,P5       |
| Seedway          | SW1162VT           | VT2P,B     | Y   | 111 | AC,P5       |
| Seedway          | SW6540 GENVT2P RIB | VT2P,B     | Y   | 109 | AC,P5       |
| Seedway          | SW6760 GENSS RIB   | STX,B      | Y   | 112 | 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.

### Brand Footnotes

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GC      Grower Comparison product included by FIRST when space permits.

### Corn Silage Technologies

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|        |                                          |
|--------|------------------------------------------|
| 3000GT | Agrisure® 3000GT                         |
| 3111   | Agrisure® Vipera® 3111 (Vip,CB,RW,LL,GT) |
| 5222   | Agrisure® Duracade® 5222                 |
| CONV   | Conventional                             |
| STX    | SmartStax®                               |
| TRE    | Genuity® Trecepta™                       |
| VT2P   | Genuity® VT Double PRO®                  |
| VT2PDG | Genuity® VT Double PRO® DroughtGard®     |

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### Corn Silage Seed Treatments\*

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|        |                              |
|--------|------------------------------|
| NA     | Not Available                |
| AC,P2  | Acceleron® 250               |
| AC,P5  | Acceleron® 500               |
| AC,P5V | Acceleron® Poncho 500/Votivo |
| CM,C2  | CruiserMaxx® 250             |
| RP     | Radius 500 (Local Seed Co)   |

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