

# 2013 Corn Silage Harvest Report for Pennsylvania Southeast [ PASE ]

Steve Rudolf, Franklin County, PA 17225 [ GREENCASTLE ]



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

PREV. CROP/HERB: Corn, 2+ yr / Brawl, Status  
 SOIL INFORMATION: Silt loam, no-till, 6.2 pH, 3.9% OM, moderate P, mod. high K, non-irrigated  
 UNITS N-P-K Applied: 195-0-0, N Applied: 70 Spring, 125 Planter  
 PEST MANAGEMENT: Bicep II Magnum, Prowl H2O, Capture, Status  
 SEEDED - RATE: May 4 35,300 /A  
 HARVESTED - STAND: Aug 30 36,600 /A

113 - 119 Day CRM

L2013PASE19

## All 24 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 30 Hour (% NDF) | Milk/Ton DM†† |      | Milk/Acre (Lbs) |
|----------------|----------------|-------------|-----|-------------------------------|----------------|----------------|----------------------|--------------|----------------|---------------|------------|----------------------|---------------|------|-----------------|
|                |                |             |     | 70% H <sub>2</sub> O (Tons/A) | Stand (x1,000) |                |                      | Total (% DM) | Digest (% Tot) |               |            |                      | (Lbs)         | Rank |                 |
| Partners Brand | PB 7841-3111   | 3111        | 108 | <b>31.5</b>                   | 37.6           | 38.0           | 8.6                  | 35.9         | 56             | 82            | 38.8       | 58.0                 | 3,452         | 6    | 32,621          |
| Augusta        | A5565VT3Pro    | VT3P        | 115 | <b>30.2</b>                   | 37.0           | 35.5           | 9.0                  | 30.6         | 52             | 78            | 43.1       | 59.0                 | 3,465         | 4    | 31,393          |
| Mid-Atlantic   | MA8154VT3P     | VT3P        | 115 | 29.8                          | 34.6           | 34.0           | 9.4                  | 38.1         | 68             | 80            | 32.9       | 49.0                 | 3,432         | 8    | 30,682          |
| Doebblers      | RPM 765YHR^    | OI          | 117 | 28.8                          | 35.9           | 34.6           | 8.9                  | 34.3         | 64             | 80            | 39.4       | 56.0                 | 3,527         | 3    | 30,473          |
| TA Seeds       | TA780-13VP     | VT3P        | 116 | 27.1                          | 37.4           | 33.4           | 8.8                  | 34.2         | 68             | 81            | 37.7       | 60.0                 | 3,644         | 1    | 29,626          |
| Doebblers      | RPM 689AMXT^   | AMXT,B      | 113 | <b>30.1</b>                   | 37.0           | 33.7           | 8.3                  | 32.0         | 54             | 79            | 37.8       | 56.0                 | 3,216         | 17   | 29,040          |
| Doebblers      | 698GRQ         | 3000GT      | 114 | 27.3                          | 37.0           | 31.9           | 8.7                  | 30.7         | 58             | 79            | 40.5       | 61.0                 | 3,532         | 2    | 28,927          |
| Augusta        | A4564GENSS     | STX         | 114 | 27.8                          | 36.0           | 33.1           | 9.1                  | 33.8         | 62             | 79            | 38.0       | 55.0                 | 3,449         | 7    | 28,765          |
| Chemgro        | 7747RVP        | VT3P        | 115 | 28.2                          | 34.7           | 32.8           | 9.1                  | 28.4         | 71             | 78            | 40.5       | 62.0                 | 3,381         | 11   | 28,603          |
| Mid-Atlantic   | MA8111VT3P     | VT3P        | 113 | 26.3                          | 33.8           | 31.4           | 9.1                  | 30.6         | 61             | 78            | 41.5       | 56.0                 | 3,456         | 5    | 27,268          |
| Mid-Atlantic   | MA8157VT3P     | VT3P        | 115 | 28.0                          | 37.0           | 31.6           | 8.6                  | 28.4         | 73             | 78            | 40.7       | 54.0                 | 3,245         | 16   | 27,258          |
| TA Seeds       | TA753-28RIB    | STX,B       | 115 | 24.8                          | 38.2           | 36.3           | 8.4                  | 35.4         | 66             | 80            | 38.2       | 51.0                 | 3,400         | 9    | 25,296          |
| Augusta        | A7664VT3Pro    | VT3P        | 114 | 26.6                          | 37.3           | 27.8           | 8.5                  | 24.8         | 65             | 75            | 44.3       | 55.0                 | 3,098         | 18   | 24,722          |
| Augusta        | A5262GT3000    | 3000GT      | 112 | 24.2                          | 36.3           | 35.2           | 8.7                  | 31.5         | 56             | 80            | 39.9       | 61.0                 | 3,396         | 10   | 24,655          |
| Hubner         | H4744RC2P      | VT2P,B      | 113 | 24.3                          | 35.8           | 31.0           | 9.8                  | 27.7         | 55             | 76            | 43.2       | 55.0                 | 3,324         | 13   | 24,232          |
| Hubner         | H6844RCSS      | STX,B       | 115 | 27.0                          | 35.5           | 29.5           | 9.5                  | 20.9         | 50             | 70            | 47.3       | 52.0                 | 2,978         | 22   | 24,122          |
| Doebblers      | RPM 743HXR^    | HX,RR2      | 116 | 27.8                          | 37.3           | 32.3           | 8.0                  | 21.0         | 74             | 73            | 46.9       | 56.0                 | 2,872         | 24   | 23,952          |
| Chemgro        | 7348G3         | 3000GT      | 113 | 23.7                          | 38.5           | 33.4           | 8.5                  | 31.6         | 63             | 78            | 40.3       | 55.0                 | 3,351         | 12   | 23,826          |
| TA Seeds       | TA765-30       | 3110        | 115 | 25.7                          | 38.3           | 30.8           | 8.5                  | 22.2         | 72             | 75            | 45.2       | 58.0                 | 3,038         | 19   | 23,423          |
| Dyna-Gro       | D55GT73        | GT          | 115 | 23.8                          | 35.9           | 31.6           | 8.1                  | 27.8         | 70             | 78            | 41.9       | 57.0                 | 3,250         | 15   | 23,205          |
| Partners Brand | PB 8771HXRR    | HX,RR2      | 117 | 24.9                          | 36.3           | 28.9           | 8.2                  | 21.8         | 88             | 70            | 49.2       | 55.0                 | 3,015         | 20   | 22,522          |
| Mid-Atlantic   | MA8150VT3P     | VT3P        | 115 | 24.0                          | 35.6           | 31.9           | 7.8                  | 27.7         | 72             | 78            | 38.3       | 52.0                 | 2,936         | 23   | 21,139          |
| Dyna-Gro       | D59HR50        | HXT,RR2     | 119 | 22.3                          | 36.4           | 27.5           | 8.4                  | 24.5         | 80             | 76            | 42.8       | 57.0                 | 2,998         | 21   | 20,057          |
| Augusta        | A5462GT3000    | 3000GT      | 112 | 13.4                          | 38.8           | 29.3           | 9.4                  | 25.9         | 54             | 75            | 44.1       | 56.0                 | 3,251         | 14   | 13,069          |

*Robin Kauffman*

Test Average = **26.2**    36.6    32.3    8.7    29    65    80    41.4    56.1    3,279    25,787  
 LSD(0.10) = 3.9  
 C.V. = 10.7

† See last page for Product/Brand, Technology and Type information. †† Milk/ton: calculated from NIRS data using Milk2006. **Bold** values significantly above test average. **ns** = not significant

**TEST COMMENTS:** Outstanding growing year from planting through harvest. Good soil moisture at planting gave good emergence and timely summer rainfall produced high yield. This site experienced strong straight line winds late June that caused green snap. Products with very low yields were most impacted. Plant leaning and root lodging made harvest difficult and reduced yield. Intense gray leaf spot and moderate northern corn leaf blight was present. High dry matter silage is an indicator that hybrid disease resistance was low. Test rating, 9 of 10.

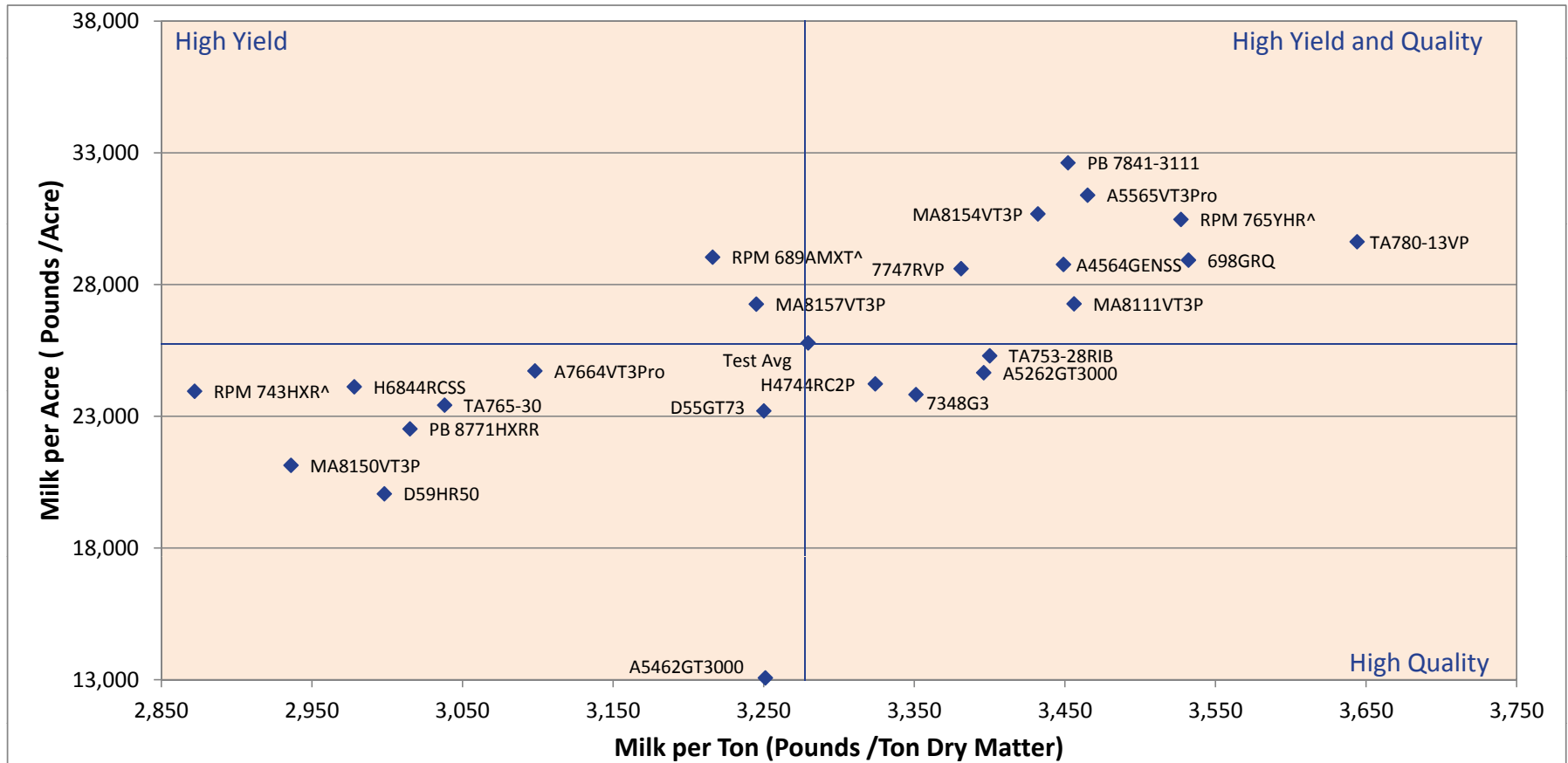
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Report Date: 9/16/2013

Revised: 10/22/2013

Horizontal axis revised to reveal previously hidden RPM 743HXR^

Visit us at [www.firstseedtests.com](http://www.firstseedtests.com)

## Footnotes and Abbreviation Descriptions

### Brand Footnotes

|    |   |
|----|---|
| ^  | G2® brand seed is distributed by NuTech Seed, LLC. HPT® brand seed is distributed by Hoegemeyer Hybrids, Inc. RPM® brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPMMaxx® brand seed is distributed by AgVenture, Inc. XL® and Phoenix® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMMaxx® and XL® are registered trademarks of DuPont Pioneer. |
| GC | Grower Comparison product included by F.I.R.S.T. when space permits.  |

### Corn Technologies\*

|          |  |         |   |
|----------|--|---------|---|
| 3000GT   | Agrisure® 3000GT (CB,RW,LL,GT)             | HX      | Herculex® 1, contains LL                        |
| 3011A    | Agrisure® Artesian® (CB,RW,LL,GT)          | HX,RR2  | Herculex® 1, Roundup Ready 2 Corn               |
| 3110     | Agrisure® Viptera® 3110 (Vip, CB,LL,GT)    | HXRW    | Herculex® rootworm, contains LL                 |
| 3111     | Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)  | HXT     | Herculex® Xtra (HX,HXRW,LL)                     |
| 3122     | Agrisure® 3122 (CB,HXX,RW,LL,GT)           | HXT,RR2 | Herculex® Xtra, Roundup Ready 2 Corn            |
| 3220     | Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)  | LL      | LibertyLink®                                    |
| AM       | Optimum® AcreMax® (YGCB,HX,LL,RR2)         | None    | conventional corn                               |
| AM-R     | Optimum® AcreMax® (YGCB,HX,RR2)            | OI      | Optimum® Intrasect® (YGCB,HX,LL,RR2)            |
| AM1      | Optimum® AcreMax®1 (HXT,LL,RR2)            | OIX     | Optimum® Intrasect® Xtra (YGCB,HXT,LL,RR2)      |
| AMRW     | Optimum® AcreMax® Rootworm (HXRW,LL,RR2)   | OIXT    | Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2) |
| AMRW-R   | Optimum® AcreMax® Rootworm (HXRW,RR2)      | OT      | Optimum® TRIsect® (HX,RW,LL,RR2)                |
| AMX      | Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)   | RR2     | Roundup Ready® 2 Corn                           |
| AMX-R    | Optimum® AcreMax® Xtra (YGCB,HXT,RR2)      | STX     | SmartStax® (VT3P,HXX)                           |
| AMXT     | Optimum® AcreMax® Xtreme (YGCB,HXT,LL,RR2) | VT2P    | Genuity® VT Double Pro®                         |
| B        | Blended seed (i.e. refuge blend)           | VT3     | YieldGard VT Triple®                            |
| CB/LL    | Agrisure® CB/LL                            | VT3P    | Genuity® VT Triple Pro®                         |
| CB/LL/RW | Agrisure® CB/LL/RW                         | YGCB    | YieldGard® Corn Borer                           |
| GT       | Agrisure® GT                               |         |   |
| GT/CB/LL | Agrisure® GT/CB/LL                         |         |   |

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