

2013 Corn Grain Top 30 Harvest Report
 Pennsylvania Central [PACE] MARTINSBURG
 Jim Smith, Blair County, PA 16673



PREV. CROP/HERB: Corn / Status, atrazine, Clarity
 SOIL DESCRIPTION: Silt loam, mod. well drained, conventional w/o fall till, non-irrigated
 SOIL CONDITION: Mod. Low P, moderate K, 6.5 pH, 5.6% OM
 PEST MANAGEMENT: Infantry, Steadfast, Capture
 FERTILITY - Applied N: 100 Spring, 90 Side
 Applied N-P-K (units): 190-0-0
 SEEDED - RATE - ROW: May 14 34,500 /A 30" spacing
 HARVESTED - STAND: Oct 30 31,900 /A

All-Season Test
99 - 109 Day CRM
 B2013PACE04

Top 24 of 24
 For Gross Income (Sorted by Yield)
 Average of (3) Replications

| Company/Brand | Product/Brand† | Technol.† | Seed Treatment† | RM | Yield Bu/A | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|---------------|----------------|-----------|-----------------|-----|---------------|---------------|--------------|-------------------|-------------------------|------|
| Chemgro | 6947RVP | VT3P | AC,P5V | 109 | 232.2 | 16.1 | 7 | 31.5 | 934 | 1 |
| Dyna-Gro | D47SS23 | STX | AC,P5V | 106 | 227.3 | 15.7 | 10 | 31.2 | 917 | 2 |
| TA Seeds | TA544-28RIB | STX,B | AVC,C2 | 104 | 224.4 | 15.0 | 0 | 32.4 | 909 | 3 |
| TA Seeds | TA583-28RIB | STX,B | AVC,C2 | 108 | 223.1 | 16.8 | 7 | 31.5 | 894 | 4 |
| Dyna-Gro | D49VP88 | VT3P | AC,P5V | 109 | 220.2 | 15.1 | 1 | 32.4 | 891 | 5 |
| Dekalb | DKC53-56RIB GC | STX,B | AC,P5 | 103 | 217.7 | 15.6 | 1 | 31.6 | 878 | 6 |
| Doeblers | RPM 603XRR^ | RR2 | MQ,C2 | 108 | 216.9 | 17.3 | 6 | 32.7 | 866 | 7 |
| Hubner | H5333RC3P | VT3P,B | AC,P5V | 107 | 215.6 | 16.6 | 3 | 31.2 | 865 | 8 |
| Doeblers | 554GRQ | 3000GT | MQ,C2 | 105 | 210.5 | 15.5 | 0 | 30.6 | 850 | 10 |
| Augusta | A2954GT3000 | 3000GT | CE,C2 | 104 | 210.1 | 15.0 | 5 | 32.5 | 851 | 9 |
| FS InVISION | FS 55R25VT3P | VT3P,B | AC,P2 | 105 | 210.1 | 15.9 | 0 | 31.8 | 846 | 12 |
| Doeblers | RPM 498HXR^ | HX,RR2 | MQ,P1V | 99 | 209.9 | 16.0 | 25 | 33.3 | 845 | 13 |
| Pioneer | P0210HR GC | HX,RR2 | MQ,P1V | 102 | 209.7 | 15.0 | 27 | 33.0 | 849 | 11 |
| TA Seeds | TA565-20 | 3000GT | AVC,C2 | 106 | 207.4 | 15.2 | 3 | 30.5 | 839 | 14 |
| Chemgro | 6547RVP | VT3P | AC,P5 | 105 | 203.6 | 15.1 | 24 | 32.9 | 824 | 15 |
| Chemgro | 6337RVP | VT3P | AC,P5 | 103 | 203.5 | 13.2 | 14 | 32.6 | 824 | 16 |
| Augusta | A2847GT3000 | 3000GT | CE,C2 | 99 | 201.9 | 14.5 | 14 | 31.4 | 818 | 17 |
| Dekalb | DKC52-04RIB GC | VT3P,B | AC,P5 | 102 | 197.9 | 14.5 | 4 | 32.5 | 801 | 18 |
| Doeblers | RPM 589AMXT^ | AMXT,B | MQ,C2 | 107 | 195.6 | 17.4 | 5 | 31.6 | 780 | 20 |
| Augusta | A5658GTCBLL | GT/CB/LL | CE,C2 | 108 | 193.6 | 14.3 | 2 | 32.4 | 784 | 19 |
| Augusta | A4658GT3110 | 3110 | CE,C2 | 108 | 187.7 | 15.8 | 13 | 31.1 | 756 | 21 |
| Augusta | A2956 | None | CE,C2 | 106 | 186.6 | 19.0 | 12 | 31.1 | 737 | 23 |
| Doeblers | RPM 537AMX^ | AMX,B | MQ,P1V | 103 | 185.9 | 17.9 | 12 | 32.0 | 739 | 22 |
| Pioneer | P0604YHR GC | OI | CM,C2 | 106 | 178.7 | 16.6 | 23 | 31.6 | 717 | 24 |



Robin Kauffman
 rkmaits@aol.com, (717) 413-0763

Test Average = **207.1** **15.8** **9** **31.9** **834**
 LSD (0.10) = 19.4 1.0 16
 C.V. = 6.8 4.6

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = $\frac{\$4.05 \text{ Local GMO}}{\$4.05 \text{ non-GMO}}$

Test Comments: *Second year corn and the disease pressure was high. It required good gray leaf spot, Anthracnose and some northern corn leaf blight resistance to stand up this year. Some hybrids were lodged badly but stalk integrity was adequate to feed through the header. Soil moisture was good until mid-August and September, this aided weak stalks as corn finished out its yield. Overall test rating is 8 out of 10.*

† See last page for footnote information. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average. **Italicized** brands exceed the grain moisture limit for this test. **GC** = grower comparison product, **ns** = not significantly different

Additional reports and searchable database available at www.firstseedtests.com

AgSCI Copyright 2013

Report date: 11/1/2013 Revised:

2013 Corn Grain - Pennsylvania Central [PACE]



All-Season Test Products (24 Total)

| Company/Brand | Product/Brand | Technol. | Seed Trt | RM | Company/Brand | Product/Brand | Technol. | Seed Trt | RM |
|---------------|----------------|----------|----------|-----|---------------|---------------|----------|----------|----|
| Augusta | A2847GT3000 | 3000GT | CE,C2 | 99 | | | | | |
| Augusta | A2954GT3000 | 3000GT | CE,C2 | 104 | | | | | |
| Augusta | A2956 | None | CE,C2 | 106 | | | | | |
| Augusta | A4658GT3110 | 3110 | CE,C2 | 108 | | | | | |
| Augusta | A5658GTCBLL | GT/CB/LL | CE,C2 | 108 | | | | | |
| Chemgro | 6337RVP | VT3P | AC,P5 | 103 | | | | | |
| Chemgro | 6547RVP | VT3P | AC,P5 | 105 | | | | | |
| Chemgro | 6947RVP | VT3P | AC,P5V | 109 | | | | | |
| Dekalb | DKC52-04RIB GC | VT3P,B | AC,P5 | 102 | | | | | |
| Dekalb | DKC53-56RIB GC | STX,B | AC,P5 | 103 | | | | | |
| Doebblers | 554GRQ | 3000GT | MQ,C2 | 105 | | | | | |
| Doebblers | RPM 498HXR^ | HX,RR2 | MQ,P1V | 99 | | | | | |
| Doebblers | RPM 537AMX^ | AMX,B | MQ,P1V | 103 | | | | | |
| Doebblers | RPM 589AMXT^ | AMXT,B | MQ,C2 | 107 | | | | | |
| Doebblers | RPM 603XRR^ | RR2 | MQ,C2 | 108 | | | | | |
| Dyna-Gro | D47SS23 | STX | AC,P5V | 106 | | | | | |
| Dyna-Gro | D49VP88 | VT3P | AC,P5V | 109 | | | | | |
| FS InVISION | FS 55R25VT3P | VT3P,B | AC,P2 | 105 | | | | | |
| Hubner | H5333RC3P | VT3P,B | AC,P5V | 107 | | | | | |
| Pioneer | P0210HR GC | HX,RR2 | MQ,P1V | 102 | | | | | |
| Pioneer | P0604YHR GC | OI | CM,C2 | 106 | | | | | |
| TA Seeds | TA544-28RIB | STX,B | AVC,C2 | 104 | | | | | |
| TA Seeds | TA565-20 | 3000GT | AVC,C2 | 106 | | | | | |
| TA Seeds | TA583-28RIB | STX,B | AVC,C2 | 108 | | | | | |

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. VPMaXX® 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®, VPMaXX® and XL® are registered trademarks of DuPont Pioneer. |
| CK | Identifies a check product included in early- and full-season tests. |
| GC | Grower Comparison product included by F.I.R.S.T. when space permits. |

Corn Technologies*

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

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

Corn Seed Treatments**

| | | | |
|------------|---|------------|--|
| ? | information not provided | MQ | Maxim Quattro® |
| A | Allegiance® | None | untreated |
| AC | Acceleron® fungicide products | P2, P5, P1 | Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively |
| AVC | Avicta® Complete Corn | R | Raxil® (tebuconazole) |
| C2, C5, C1 | Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively | SStd | SureStand™ |
| CE | Cruiser Extreme® | St | Stamina® (pyraclostrobin) |
| CM | CruiserMaxx® Corn | T | Trilex® (trifloxystrobin) |
| D | Dynasty® (azoxystrobin) | V | Votivo® |
| Es | Escalate® | Z | zinc |
| M | Maxim XL® | | |

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