

2018 Corn Grain Top 30 Harvest Report

Pennsylvania Southeast [PASE] LANCASTER
 John Conley, Lancaster County, PA 17552



PREV. CROP/HERB: Corn, 2+ Yr / Roundup, Prowl, atrazine, Capreno
 SOIL DESCRIPTION: Silty clay loam,
 SOIL CONDITION: Minimum w/o fall till, very high P, very high K, 6.4 pH, 2.9% OM, 9.1 CEC
 PEST MANAGEMENT:
 FERTILITY - Applied N:
 Applied N-P-K (units):
 SEEDED - RATE - ROW: May 12 34,000 /A 30" spacing
 HARVESTED - STAND: n/a

All-Season Test
105 - 115 Day CRM
 B2018PASE10

Top 30 of 42
 For Gross Income (Sorted by Yield)
 Average of (3) Replications

| Company/Brand | Product/Brand† | Technol.† | RM | Yield Bu/A | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|----------------------------------|----------------|-----------|----|---------------|---------------|--------------|-------------------|-------------------------|------|
| Test abandoned due to poor stand | | | | | | | | | |

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Averages =
 LSD (0.10) =
 LSD (0.25) =
 C.V. =

Prev. years average yield, 258.8 bu/a, 1 yr

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.95; non-GMO = \$3.95

Test Comments: Heavy rains right after planting caused ponding over the plot. Stands were too variable, within individual plots and across replications to produce reliable product comparisons.

† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different

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Report Date: 11/04/2018 Revised:

2018 Corn Grain - Pennsylvania Southeast [PASE]



All-Season Test Products (42 Total)

| Company/Brand | Product/Brand | Technol. | Seed Trt. | RM | Company/Brand | Product/Brand | Technol. | Seed Trt. | RM |
|------------------|-----------------|-----------|------------|-----|---------------|---------------|----------|-----------|----|
| Augusta | A1165VT2ProRIB | VT2P,B | AC,P1V | 115 | | | | | |
| Augusta | A1166VT2Pro | VT2P | AC,P1V | 116 | | | | | |
| Augusta | A4463VT2Pro | VT2P | AC,P5V | 112 | | | | | |
| Augusta | A4465GT3111 | 3111 | AVC,C5 | 114 | | | | | |
| Augusta | A5065GTCBLL | 3010 | CM,C1 | 115 | | | | | |
| Augusta | A5162GT3000 | 3000GT | CM,C2 | 112 | | | | | |
| Augusta | A6664VT2Pro | VT2P | CM,C1 | 114 | | | | | |
| Chemgro | 6875RDP | VT2P,DG,B | AC,P2 | 108 | | | | | |
| Chemgro | 7095RDP | VT2P | AC,P2 | 110 | | | | | |
| Chemgro | 7185RDP | VT2P,B | AC,P2 | 111 | | | | | |
| De Dell Seeds | DL 7250 | None | MQ | 111 | | | | | |
| Doebblers | RPM 4219AM | AM | MQ,P1V,R | 102 | | | | | |
| Doebblers | RPM 4917AM | AM,B | MQ,P1V,R | 109 | | | | | |
| Doebblers | RPM 4919AM | AM | MQ,P1V,R | 109 | | | | | |
| Doebblers | RPM 5018AM | AM,B | MQ,P1V,R | 110 | | | | | |
| Doebblers | RPM 5518AM | AM,B | MQ,P1V,R | 115 | | | | | |
| Dyna-Gro | D52SS63 | STX | AC,P5V | 112 | | | | | |
| Dyna-Gro | D55VC45 | VT2P | AC,P5V | 115 | | | | | |
| Hubner | H6287RCSS | STX,B | AC,P5V | 104 | | | | | |
| Hubner | H6394RCSS | STX,B | AC,P5V | 108 | | | | | |
| Hubner | H6663RCSS | STX,B | AC,P5V | 113 | | | | | |
| Hubner | H6755RCSS | STX,B | AC,P5V | 114 | | | | | |
| Local Seed Co. | LC1289VT2P | VT2P,B | CM,C2 | 112 | | | | | |
| Local Seed Co. | LC1349VT2P | VT2P,B | CM,C2 | 113 | | | | | |
| Local Seed Co. | LC1487 | None | CM,C2 | 114 | | | | | |
| Mid-Atlantic | MA8074VT2P | VT2P | AC,P2 | 107 | | | | | |
| Mid-Atlantic | MA8091VT2P | VT2P | AC,P2 | 109 | | | | | |
| Mid-Atlantic | MA8107VT2P | VT2P | AC,P2 | 110 | | | | | |
| Mid-Atlantic | MA8132VT2P | VT2P | AC,P2 | 113 | | | | | |
| NK Brand | NK1284-3220-EZR | 3220,B | AVC,C5,Vi | 112 | | | | | |
| NK Brand | NK1573-3110 | 3110 | AVC,C5,Vi | 115 | | | | | |
| Pioneer | P1422AMXT GC | AMXT,B | MQ,C2,R,Lu | 114 | | | | | |
| Seed Consultants | SCS 1008AMXT | AMXT,AQ,B | CM,C2,R | 100 | | | | | |
| Seed Consultants | SCS 1087YHR | OI | MQ,P1V,R | 108 | | | | | |
| Seed Consultants | SCS 1098YHR | OI | MQ,P1V,R | 109 | | | | | |
| Seed Consultants | SCS 1105YHR | OI | MQ,P1V,R | 110 | | | | | |
| Seed Consultants | SCS 1125YHR | OI | MQ,P1V | 112 | | | | | |
| Seed Consultants | SCS 1139AM | AM,B | MQ,P1V,R | 113 | | | | | |
| Seed Consultants | SCS 1158YHR | OI | MQ,P1V,R | 115 | | | | | |
| Viking | 13-07 | None | CM,C2 | 107 | | | | | |
| Viking | 42-05 | None | CM,C2 | 105 | | | | | |
| Viking | 48-08 | None | AC,P5V | 108 | | | | | |
| | | | | | | | | | |

Footnotes and Abbreviation Descriptions

Brand Footnotes

| | |
|----|--|
| ^ | Innotech™ brand seed is distributed by Rob-See-Co, LLC. Phoenix® brand seed is distributed by Advanta Seeds. Power Plus® brand seed is distributed by Burrus. Innotech™ and Phoenix® are trademarks of Syngenta. Power Plus® is a registered trademark of Corteva Agriscience. |
| CK | Identifies a check product included in early- and full-season tests. |
| GC | Grower Comparison product included by FIRST when space permits. |

Corn Technologies*

| | | | |
|--------|---|------|--|
| 3000GT | Agrisure® 3000GT (CB,RW,LL,GT) | E | Enlist™ (2,4-D, glyphosate, fop herbicide tolerance) |
| 3010 | Agrisure® 3010 (CB,LL,GT) | GT | Agrisure® GT |
| 3011,A | Agrisure® Artesian® (CB,RW,LL,GT) | HX | Herculex® 1, contains LL |
| 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) |
| 3120 | Agrisure® 3120 (CB,HX,LL,GT) | LL | LibertyLink® |
| 3122 | Agrisure® 3122 (CB,HXX,RW,LL,GT) | None | conventional corn |
| 3220 | Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT) | OI | Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2) |
| A | Agrisure® Artesian® | OIX | Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2) |
| AM | Optimum® AcreMax® (YGCB,HX,LL,RR2) | OIXT | Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2) |
| AMT | Optimum® AcreMax® TRIsect (HX,RW,LL,RR2) | PC | PowerCore™ (HX, VT2P) |
| AMX | Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2) | RR2 | Roundup Ready® 2 Corn |
| AMXT | Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2) | RW | Agrisure® Rootworm |
| AQ | Optimum® AQUAMax® | STX | SmartStax® (VT3P,HXT,RR2,LL) |
| B | Refuge blend product | VT2P | Genuity® VT Double PRO® |
| CB | Agrisure® Corn Borer | VT3P | Genuity® VT Triple PRO® |
| DG | Genuity® DroughtGard® | YGCB | YieldGard® Corn Borer |

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

Corn Seed Treatments**

| | | | |
|------------|---|------------|--|
| ? | information not provided | Lu | Lumivia™ |
| A | Allegiance® | M | Maxim XL® |
| AC | Acceleron® fungicide products | MQ | Maxim Quattro® |
| AL2500 | Alert 2500 | None | untreated |
| At | Actellic® | P2, P5, P1 | Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively |
| AVC | Avicta® Complete Corn | R | Raxil® |
| C2, C5, C1 | Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively | Sa | Sativa™ |
| CE | Cruiser Extreme® | Se | Sebring™ |
| CM | CruiserMaxx® Corn | Sn | Senator™ |
| D | Dynasty® | Sp | Spirato™ |
| Es | Escalate® | SC | SHIELDCoat™ |
| HC | Hefty Complete | V | Votivo® |
| In | Intego™ Solo | Vi | Vibrance® |
| L | Lorsban® | | |

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