

## 2016 Corn Grain Top 30 Harvest Report

Virginia Coastal Plain [ VACP ] CHURCH VIEW  
Buck Richardson, Middlesex County, VA 23032



PREV. CROP/HERB: Corn / Bicep II Magnum, glyphosate  
SOIL DESCRIPTION: Kempsville sandy loam, mod. well drained, non-irrigated  
SOIL CONDITION: No-till, mod. high P, moderate K, 6.6 pH, 2.5% OM  
PEST MANAGEMENT: Gramoxone, Bicep II Magnum, Karate  
FERTILITY - Applied N: 100 Fall, 50 Spring, 45 Sidedress  
Applied N-P-K (units): 195-80-120  
SEEDING - RATE - ROW: May 29 34,000 /A 30" spacing  
HARVESTED - STAND: Oct 7 34,600 /A

**All-Season Test**  
**107 - 116 Day CRM**  
B2016VACP31

**Top 30 of 36**  
For Gross Income (Sorted by Yield)  
Average of (3) Replications

| Company/Brand | Product/Brand†  | Technol.† | RM  | Yield<br>Bu/A | Moisture<br>% | Lodging<br>% | Stand<br>(x 1000) | Gross Income<br>\$/Acre | Rank |
|---------------|-----------------|-----------|-----|---------------|---------------|--------------|-------------------|-------------------------|------|
| Croplan       | 5570VT2P/RIB    | VT2P,B    | 115 | <b>187.3</b>  | 22.5          | 0            | 34.8              | 592                     | 1    |
| Hubner        | H6624RCSS       | STX,B     | 113 | <b>181.4</b>  | 22.0          | 1            | 35.3              | 576                     | 2    |
| Hubner        | H6663RCSS       | STX,B     | 113 | <b>178.3</b>  | 22.2          | 0            | 35.7              | 565                     | 3    |
| Augusta       | A6664VT2Pro     | VT2P      | 114 | 175.2         | 22.1          | 7            | 35.4              | 556                     | 5    |
| Mid-Atlantic  | MA8086VT2P      | VT2P      | 108 | 174.2         | 20.5          | 9            | 34.7              | 560                     | 4    |
| Augusta       | A1565GTCBLL     | GT/CB/LL  | 115 | 172.1         | 23.6          | 0            | 33.7              | 540                     | 7    |
| Augusta       | A7767VT2Pro     | VT2P      | 117 | 171.5         | 24.0          | 0            | 35.0              | 536                     | 10   |
| Mid-Atlantic  | MA8147VT2P      | VT2P      | 114 | 171.4         | 21.9          | 3            | 34.0              | 545                     | 6    |
| Hubner        | H4764RC2P       | VT2P,B    | 114 | 170.0         | 22.2          | 1            | 35.8              | 539                     | 8    |
| Croplan       | 5290DGV2P/RIB   | VT2P,DG,B | 112 | 169.0         | 21.5          | 0            | 34.8              | 539                     | 9    |
| TA Seeds      | TA767-22DPRIB   | VT2P,B    | 116 | 168.0         | 21.9          | 0            | 33.9              | 534                     | 11   |
| Mid-Atlantic  | MA8144VT2P      | VT2P      | 114 | 162.8         | 21.8          | 9            | 34.7              | 518                     | 12   |
| Mycogen       | 2C799           | STX,B     | 113 | 160.7         | 23.8          | 1            | 33.7              | 503                     | 14   |
| Doebler       | RPM 4917AM^     | AM,B      | 109 | 159.3         | 21.8          | 0            | 35.7              | 507                     | 13   |
| TA Seeds      | TA736-22DPRIB   | VT2P,B    | 113 | 156.8         | 22.7          | 0            | 35.3              | 495                     | 16   |
| Mid-Atlantic  | MA8116DGV2P     | VT2P,DG   | 111 | 156.3         | 20.8          | 0            | 36.4              | 501                     | 15   |
| Hubner        | H14G153         | VT2P,DG,B | 114 | 155.9         | 23.4          | 1            | 35.5              | 490                     | 18   |
| Croplan       | 5222VT2P/RIB    | VT2P,B    | 112 | 153.5         | 21.1          | 17           | 34.3              | 491                     | 17   |
| Augusta       | A5063VT2Pro     | VT2P      | 113 | 153.3         | 23.4          | 0            | 32.9              | 481                     | 20   |
| Mid-Atlantic  | MA8152VT2P      | VT2P      | 115 | 153.2         | 22.7          | 0            | 35.0              | 484                     | 19   |
| Augusta       | A5062GT3110     | 3110      | 112 | 152.8         | 23.0          | 1            | 35.5              | 481                     | 21   |
| Dekalb        | DKC62-08RIB GC  | STX,B     | 112 | 150.2         | 21.3          | 0            | 34.2              | 480                     | 22   |
| Augusta       | A1564GTCBLL     | GT/CB/LL  | 114 | 147.6         | 22.5          | 2            | 33.6              | 467                     | 23   |
| Great Heart   | HT-7238DGV2PRIB | VT2P,DG,B | 112 | 146.1         | 23.4          | 0            | 34.3              | 459                     | 25   |
| Doebler       | RPM 5015AM^     | AM,AQ,B   | 110 | 145.7         | 22.1          | 1            | 34.8              | 462                     | 24   |
| Great Heart   | HT-7240VT2PRIB  | VT2P,B    | 112 | 144.3         | 22.8          | 0            | 32.6              | 455                     | 26   |
| Great Heart   | HT-7381VT2PRIB  | VT2P,B    | 113 | 143.4         | 22.6          | 0            | 34.4              | 453                     | 27   |
| Croplan       | 7087VT2P/RIB    | VT2P,B    | 114 | 143.0         | 23.2          | 0            | 33.1              | 450                     | 28   |
| Mycogen       | MY13M87         | STX       | 113 | 139.6         | 23.6          | 0            | 33.6              | 438                     | 29   |
| Mid-Atlantic  | MA8127VT3P      | VT3P      | 112 | 137.1         | 22.1          | 0            | 35.3              | 435                     | 30   |

*Robin Kauffman*

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Averages = **150.9** **22.5** **2** **34.6** **477**

LSD (0.10) = 26.5 0.8 9

LSD (0.25) = 18.4 0.5 6

C.V. = 12.9 New test site, no yield history

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.35; non-GMO = \$3.35

**Test Comments:** *This was a very wet spring but once planted, corn grew nicely. Buck said once July came, it got very hot and dry with some area farmers having extremely low yields. The corn plants in this plot looked good, but the dry summer months kept corn from hitting bigger yields. Overall rating of this test plot was 7 out of 10. (10=best)*

† 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: 10/08/2016 Revised:

2016 Corn Grain - Virginia Coastal Plain [ VACP ]



All-Season Test Products (36 Total)

| Company/Brand | Product/Brand   | Technol.  | Seed Trt.   | RM  | Company/Brand | Product/Brand | Technol. | Seed Trt. | RM |
|---------------|-----------------|-----------|-------------|-----|---------------|---------------|----------|-----------|----|
| Augusta       | A1564GTCBLL     | GT/CB/LL  | AVC,C5      | 114 |               |               |          |           |    |
| Augusta       | A1565GTCBLL     | GT/CB/LL  | AVC,C5      | 115 |               |               |          |           |    |
| Augusta       | A5062GT3110     | 3110      | AVC,C5      | 112 |               |               |          |           |    |
| Augusta       | A5063VT2Pro     | VT2P      | AC,P5V      | 113 |               |               |          |           |    |
| Augusta       | A6664VT2Pro     | VT2P      | CM,C1       | 114 |               |               |          |           |    |
| Augusta       | A7767VT2Pro     | VT2P      | CM,C1       | 117 |               |               |          |           |    |
| Augusta       | A7768GT3110     | 3110      | CM,C1       | 118 |               |               |          |           |    |
| Croplan       | 5222VT2P/RIB    | VT2P,B    | AC,P2       | 112 |               |               |          |           |    |
| Croplan       | 5290DGV2P/RIB   | VT2P,DG,B | AC,P2       | 112 |               |               |          |           |    |
| Croplan       | 5570VT2P/RIB    | VT2P,B    | AC,P2       | 115 |               |               |          |           |    |
| Croplan       | 7087VT2P/RIB    | VT2P,B    | AC,P2       | 114 |               |               |          |           |    |
| Dekalb        | DKC62-08RIB GC  | STX,B     | ACHD,P5V    | 112 |               |               |          |           |    |
| Doebler       | RPM 4917AM^     | AM,B      | MQ,P1V      | 109 |               |               |          |           |    |
| Doebler       | RPM 5015AM^     | AM,AQ,B   | MQ,P1V      | 110 |               |               |          |           |    |
| Doebler       | RPM 5125AM^     | AM,B      | MQ,P1V      | 111 |               |               |          |           |    |
| Doebler       | RPM 5315AM^     | AM,B      | MQ,P1V      | 113 |               |               |          |           |    |
| Great Heart   | HT-7238DGV2PRIB | VT2P,DG,B | AC,P5V      | 112 |               |               |          |           |    |
| Great Heart   | HT-7240VT2PRIB  | VT2P,B    | AC,P5V      | 112 |               |               |          |           |    |
| Great Heart   | HT-7381VT2PRIB  | VT2P,B    | AC,P5V      | 113 |               |               |          |           |    |
| Hubner        | H14G153         | VT2P,DG,B | AC,P5V      | 114 |               |               |          |           |    |
| Hubner        | H4764RC2P       | VT2P,B    | AC,P5V      | 114 |               |               |          |           |    |
| Hubner        | H6624RCSS       | STX,B     | AC,P5V      | 113 |               |               |          |           |    |
| Hubner        | H6663RCSS       | STX,B     | AC,P5V      | 113 |               |               |          |           |    |
| Mid-Atlantic  | MA8086VT2P      | VT2P      | AC,P2       | 108 |               |               |          |           |    |
| Mid-Atlantic  | MA8116DGV2P     | VT2P,DG   | AC,P2       | 111 |               |               |          |           |    |
| Mid-Atlantic  | MA8121VT2P      | VT2P      | AC,P2       | 112 |               |               |          |           |    |
| Mid-Atlantic  | MA8127VT3P      | VT3P      | AC,P2       | 112 |               |               |          |           |    |
| Mid-Atlantic  | MA8144VT2P      | VT2P      | AC,P2       | 114 |               |               |          |           |    |
| Mid-Atlantic  | MA8147VT2P      | VT2P      | AC,P2       | 114 |               |               |          |           |    |
| Mid-Atlantic  | MA8152VT2P      | VT2P      | AC,P2       | 115 |               |               |          |           |    |
| Mycogen       | 2C799           | STX,B     | CM,C5,Vi,In | 113 |               |               |          |           |    |
| Mycogen       | MY10Z28         | STX,B     | CM,C5,Vi,In | 110 |               |               |          |           |    |
| Mycogen       | MY13M87         | STX       | CM,C1,Vi,In | 113 |               |               |          |           |    |
| TA Seeds      | TA667-31        | 3111      | CM,C2       | 111 |               |               |          |           |    |
| TA Seeds      | TA736-22DPRIB   | VT2P,B    | CM,C2       | 113 |               |               |          |           |    |
| TA Seeds      | TA767-22DPRIB   | VT2P,B    | CM,C2       | 116 |               |               |          |           |    |
|               |                 |           |             |     |               |               |          |           |    |
|               |                 |           |             |     |               |               |          |           |    |
|               |                 |           |             |     |               |               |          |           |    |

## Footnotes and Abbreviation Descriptions

### Brand Footnotes

|    |  |
|----|--|
| ^  | G2® brand seed is distributed by NuTech Seed, LLC. Catalyst™ and Power Plus® brand seed is distributed by Burrus. HPT® brand seed is distributed by Hoegemeyer Hybrids, Innotech™ brand seed is distributed by Rob-See-Co, LLC. 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®, Power Plus®, RPM®, Supreme EX®, VPMaxx® and XL® are registered trademarks of DuPont Pioneer. Catalyst™, Innotech™ and Phoenix® are trademarks of Syngenta. |
| 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)                | HX      | Herculex® 1, contains LL                              |
| 3010     | Agrisure® 3010 (CB,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®  |
| A        | Agrisure® Artesian®                           | None    | conventional corn                                     |
| AM       | Optimum® AcreMax® (YGCB,HX,LL,RR2)            | OI      | Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)             |
| AMT      | Optimum® AcreMax® TRIsect (HX,RW,LL,RR2)      | OIX     | Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)       |
| AMX      | Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)      | OIXT    | Optimum® Intrasect® Xtreme, CYXR (YGCB,HXT,RW,LL,RR2) |
| AMXT     | Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2) | RR2     | Roundup Ready® 2 Corn                                 |
| AQ       | Optimum® AQUAMax®                             | RW      | Agrisure® Rootworm                                    |
| B        | Refuge Blend                                  | STX     | SmartStax® (VT3P,HXT,RR2,LL)                          |
| CB       | Agrisure® Corn Borer                          | VT2P    | Genuity® VT Double PRO®                               |
| DG       | Genuity® DroughtGard®                         | VT3P    | Genuity® VT Triple PRO®                               |
| GT       | Agrisure® GT                                  | YGCB    | YieldGard® Corn Borer                                 |
| GT/CB/LL | Agrisure® GT/CB/LL                            |         |   |

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

### Corn Seed Treatments\*\*

|            |   |            |  |
|------------|---|------------|--|
| n/a        | information not provided                                | In         | Intego™ Solo   |
| A          | Allegiance®   | L          | Lorsban®   |
| AC         | Accelaron® fungicide products                           | Lu         | Lumivia™   |
| AChD       | Accelaron® fungicide products                           | M          | Maxim XL®  |
| At         | Actellic®   | MQ         | Maxim Quattro®   |
| AVC        | Avicta® Complete Corn                                   | None       | untreated  |
| C2, C5, C1 | Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively | P2, P5, P1 | Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively |
| CE         | Cruiser Extreme®  | R          | Raxil®   |
| CM         | CruiserMaxx® Corn                                       | V          | Votivo®  |
| D          | Dynasty®  | Vi         | Vibrance®  |
| Es         | Escalate®   |            |  |

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