

2011 BETTER HYBRIDS Harvest Report for Delaware Maryland North [DMNO]
 Bill Alfree, New Castle County, DE 19709 [MIDDLETOWN]

ALL SEASON TEST
105 - 115 Day CRM

PREV. CROP/HERB: Pasture / none B1DMNO13
 SOIL DESCRIPTION: Collington sandy loam, mod. well drained, conventional w/o fall till, non-irrigated
 SOIL CONDITION: Moderate P, moderate K, 6.4 pH, 2.6% OM
 PEST MANAGEMENT: Breakfree, Basis, Princep, Asana 30" ROW SPACING
 FERTILITY - Applied N: 150 Fall, 65 Spring, 5 Planter,
 Applied N-P-K (units): 220-0-0
 SEEDED - RATE: May 3 32,000 /A TOP 30 OF 42 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Oct 17 31,700 /A AVERAGE of (3) REPLICATIONS

| Company/Brand | Product/Brand | Technology [†] | IST ^{††} | RM | Yield Bu/A | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|-----------------|---------------|-------------------------|-------------------|-----|------------|------------|-----------|----------------|----------------------|------|
| Channel | 214-14VT3P | VT3P | P500,V | 114 | 126.1 | 16.5 | 11.3 | 33.3 | 878.0 | 1 |
| Hubner | H5709VT3P | VT3P | P500,V | 114 | 121.9 | 19.0 | 11.3 | 33.4 | 841.1 | 2 |
| Dyna-Gro | CX11113* | VT3P | P250 | 113 | 119.2 | 16.7 | 41.0 | 33.7 | 829.3 | 3 |
| Dyna-Gro | CX11114* | VT3P | P250 | 114 | 110.6 | 17.1 | 22.0 | 31.8 | 768.4 | 4 |
| Hubner | H6652GENSS | STX | P500,V | 110 | 109.8 | 16.9 | 28.0 | 27.9 | 763.4 | 5 |
| TA Seeds | TA778-28 | STX | P250 | 115 | 104.3 | 18.7 | 4.7 | 30.7 | 720.5 | 6 |
| Fielders Choice | NG6788 | VT3 | P250 | 111 | 104.4 | 19.4 | 41.7 | 33.1 | 719.3 | 7 |
| Doebler | 674GRQ | 3000GT | C250 | 112 | 103.6 | 19.2 | 69.7 | 31.9 | 714.3 | 8 |
| Channel | 211-99VT3P | VT3P | P500,V | 111 | 100.9 | 16.3 | 18.0 | 31.7 | 703.0 | 9 |
| Augusta | A5560VT3 | VT3 | P250 | 109 | 101.3 | 18.6 | 54.0 | 34.6 | 701.5 | 10 |
| Augusta | A5461GTCBLL | GT/CB/LL | C500,AV | 111 | 99.5 | 17.1 | 60.3 | 32.8 | 691.3 | 11 |
| Augusta | A0606GTCBLL | GT/CB/LL | C500,AV | 111 | 99.2 | 19.0 | 25.7 | 32.9 | 684.5 | 12 |
| Hubner | H4600VT2P | VT2P | P500,V | 112 | 98.8 | 18.6 | 24.3 | 33.4 | 682.7 | 13 |
| Doebler | RPM 633HXR^ | HX,RR2 | C250 | 110 | 96.2 | 17.5 | 48.7 | 32.5 | 667.4 | 14 |
| Fielders Choice | NG6798 | VT3P | P250 | 112 | 96.7 | 19.5 | 45.7 | 29.7 | 666.0 | 15 |
| Hubner | H4822VT2P | VT2P | P500,V | 114 | 95.1 | 22.9 | 64.0 | 32.1 | 646.9 | 16 |
| Masters Choice | MC-534 | None | P250 | 107 | 92.5 | 18.7 | 46.0 | 32.3 | 638.9 | 17 |
| GROWMARK FS | 6313VP3* | VT3P | P250 | 114 | 91.3 | 20.7 | 25.3 | 30.9 | 626.1 | 18 |
| Channel | 212-08VT3P | VT3P | P500,V | 112 | 89.1 | 17.0 | 51.0 | 34.0 | 619.2 | 19 |
| TA Seeds | TA720-20 | 3000GT | P250 | 113 | 85.9 | 19.2 | 49.7 | 32.4 | 592.3 | 20 |
| Hubner | H6762GENSS | STX | P500,V | 114 | 84.5 | 17.5 | 8.0 | 33.4 | 586.2 | 21 |
| Channel | 212-17VT3P | VT3P | P500,V | 112 | 83.7 | 20.0 | 22.7 | 27.3 | 575.4 | 22 |
| Masters Choice | MCT-583 | 3000GT | P250 | 111 | 80.8 | 19.5 | 64.7 | 31.6 | 556.5 | 23 |
| Channel | 208-72VT3 | VT3 | P500,V | 107 | 80.0 | 16.8 | 54.0 | 29.2 | 556.4 | 24 |
| TA Seeds | TA717-20 | 3000GT | P250 | 114 | 80.9 | 20.1 | 64.7 | 32.8 | 556.0 | 25 |
| Doebler | RPM 725HRQ^ | HXT,RR2 | C250 | 115 | 76.5 | 19.2 | 54.0 | 30.7 | 527.5 | 26 |
| Dekalb | DKC52-59 GC | VT3 | P250 | 102 | 74.8 | 14.2 | 69.7 | 27.9 | 523.6 | 27 |
| Augusta | A0720CBLL | CB/LL | C250 | 112 | 74.1 | 17.7 | 34.7 | 32.7 | 513.7 | 28 |
| Fielders Choice | NG6840* | VT3 | P250 | 115 | 74.5 | 19.7 | 56.7 | 32.8 | 512.7 | 29 |
| Masters Choice | MCT-628 | 3000GT | P250 | 115 | 73.9 | 17.8 | 51.0 | 31.5 | 512.1 | 30 |


 Robin Kauffman
 F.I.R.S.T. Manager

Test Average = **85.5** **18.6** **43.6** **31.7** **591.1**
 LSD (0.10) = 26.8 2.5 27.4
 C.V. = 23.0 9.9

TEST COMMENTS: Spring started looking good but by July rainfall quit until late August. Most hybrids exoierenced severe stress followed by heavy disease pressure and late season hurricane conditions. Most plots were severely lodged but did feed through the combine what grain was there. Some hybrids did stand and made a little yield!!
 Lat: N39.45907, Long: W-75.75932

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$7.00

[†] TECHNOLOGY: **Corn Borer** - 3000GT, 3111, CB, HX, HXT, STX, VT2P, VT3, VT3P; **Corn Rootworm** - 3000GT, 3111, AMRW, HXT, RW, STX, VT3, VT3P; **Glyphosate** - 3000GT, 3111, GT, RR2, STX, VT2P, VT3, VT3P; **Liberty** - 3000GT, 3111, HX, HXT, LL, STX
^{††} IST: **AV** - Avicta, **C** - Cruiser, **P** - Poncho, **250, 500, and 1250** = 0.25, 0.5, and 1.25 g ai/seed, respectively; **V** - Votivo
 Identifies the check brand included 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, * = brands without a seed lot number; **ns** = not significantly different



Footnotes, Abbreviations, and Trademarks

Brand Footnotes

^G2® brand seed is distributed by NuTech Seed, LLC. RPM® brand seed is distributed by Doebler's PA Seed. Supreme EX® brand seed is distributed by Seed Consultants, Inc. XL™ and Phoenix™ brand seeds are distributed by Beck's Superior Hybrids. G2®, RPM®, Supreme EX®, and XL™ are trademarks of Pioneer Hi-Bred.

Technologies

| | |
|----------|---------------------------------------|
| 3000GT | Agrisure® 3000GT |
| 3111 | Agrisure® Viptera™ 3111 |
| AMRW | Optimum® AcreMax™ Rootworm Protection |
| CB/LL | Agrisure® CB/LL |
| CB/LL/RW | Agrisure® CB/LL/RW |
| GT | Agrisure® GT |
| GT/CB/LL | Agrisure® GT/CB/LL |
| HX | HERCULEX® I Insect Protection |
| HXT | HERCULEX® XTRA Insect Protection |
| LL | LibertyLink® herbicide tolerance |
| RR | Roundup Ready® Soybeans |
| RR2 | Roundup Ready® Corn 2 |
| RR2Y | Genuity® Roundup Ready 2 Yield® |
| STX | SmartStax® |
| STS | STS® herbicide tolerance |
| VT2P | Genuity® VT Double PRO™ |
| VT3 | YieldGard VT Triple® |
| VT3P | Genuity® VT Triple PRO™ |

Seed Treatments

| | |
|----|-----------------|
| A | Allegiance® |
| AC | Acceleron® |
| AM | ApronMaxx® |
| AP | Apron XL® |
| AV | Avicta® |
| C | Cruiser® |
| CM | CruiserMaxx® |
| E | Excalibre™ |
| I | Inovate™ System |
| G | Gaucho® |
| O | Optimize® |
| P | Poncho® |
| T | Trilex® |
| T2 | Trilex® 2000 |
| T6 | Trilex® 6000 |
| V | VOTIVO® |

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