

2010 BETTER HYBRIDS Harvest Report for Delaware Maryland North [DMNO]
ALL SEASON TEST

Ken Arney, Sussex County, DE 19933 [BRIDGEVILLE]

105 - 115 Day CRM

PREV. CROP/HERB: Soybean B0DMNO14
 SOIL DESCRIPTION: sandy loam, mod. well drained, conventional w/o fall till, irrigated
 SOIL CONDITIONS: Mod. High P, moderate K, 6.5 pH, 1.9% OM
 PEST MANAGEMENT: Lexar 30" ROW SPACING
 FERTILITY - Applied N: 84 Spring, 175 Sidedress,
 Applied N-P-K (units): 259-90-65
 SEEDED - RATE: May 4 33,200 /A TOP 30 OF 30 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Oct 7 34,400 /A AVERAGE of (3) REPLICATIONS

| Company | Brand | Technology [†] | IST ^{††} | Yield Bu/A | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|-----------------|--------------|-------------------------|-------------------|----------------|------------|-----------|----------------|----------------------|-----------|
| Channel | 214-14VT3P | VT3P | P250 | 225.2 | 17.3 | 27.0 | 34.9 | \$1,191.9 | 1 |
| Augusta | A5461GTCBLL | GT/CB/LL | P250 | 223.6 | 16.3 | 22.0 | 35.1 | \$1,189.0 | 2 |
| Dyna-Gro | 57V59 | VT3 | P250 | 218.6 | 17.0 | 2.0 | 33.8 | \$1,158.6 | 3 |
| Hubner | H5655VT3 | VT3 | P250 | 216.4 | 16.9 | 15.0 | 34.1 | \$1,147.5 | 4 |
| Augusta | A06-06CBLL* | CB/LL | C250 | 211.8 | 16.7 | 44.7 | 34.4 | \$1,124.1 | 5 |
| Channel | 213-32VT3 | VT3 | P250 | 211.4 | 16.9 | 10.0 | 34.5 | \$1,120.9 | 6 |
| Augusta | A5460GT3* | 3000GT | C250 | 211.1 | 16.9 | 33.7 | 35.4 | \$1,119.4 | 7 |
| Hubner | H5909VT3P | VT3P | P250 | 209.9 | 17.5 | 3.7 | 33.3 | \$1,109.8 | 8 |
| TA Seeds | TA717-11* | CB/LL | P250 | 207.1 | 17.7 | 16.7 | 35.6 | \$1,094.0 | 10 |
| Doeblers | RPM 633HXR^ | HX,RR2 | C250 | 207.0 | 17.4 | 6.3 | 35.0 | \$1,095.0 | 9 |
| Augusta | A5462GT3* | GT | P250 | 206.4 | 17.6 | 18.0 | 36.7 | \$1,090.8 | 11 |
| TA Seeds | TA656-00* | NONE | P250 | 205.4 | 16.9 | 35.0 | 35.5 | \$1,089.1 | 13 |
| Hubner | H5555VT3 | VT3 | P250 | 204.8 | 16.1 | 6.0 | 34.1 | \$1,090.0 | 12 |
| Hubner | H5505VT3P | VT3P | P250 | 202.8 | 15.9 | 20.7 | 32.9 | \$1,080.4 | 14 |
| TA Seeds | TA778-13V* | VT3 | P250 | 201.9 | 17.6 | 7.0 | 34.6 | \$1,067.0 | 15 |
| Dyna-Gro | 57V40 | VT3 | P250 | 199.1 | 16.8 | 23.0 | 34.6 | \$1,056.2 | 16 |
| Pioneer | 34F96 GC | HXT,RR2 | C500 | 195.8 | 17.5 | 40.7 | 33.6 | \$1,035.3 | 17 |
| Augusta | A5558VT3 | VT3 | P250 | 193.1 | 15.8 | 46.0 | 33.8 | \$1,029.2 | 18 |
| Doeblers | 721XY | None | C250 | 191.7 | 17.7 | 49.7 | 34.7 | \$1,012.7 | 19 |
| Growmark FS | 6296VT3 | VT3 | P250 | 190.5 | 16.9 | 59.7 | 34.6 | \$1,010.1 | 20 |
| TA Seeds | TA790-18* | GT | P250 | 190.0 | 17.9 | 29.3 | 35.0 | \$1,002.7 | 22 |
| Dekalb | DKC52-59 GC | VT3 | P250 | 189.4 | 16.2 | 34.0 | 35.2 | \$1,007.6 | 21 |
| Fielders Choice | NG6834 | VT3 | P250 | 188.3 | 17.6 | 69.7 | 32.5 | \$995.2 | 23 |
| Augusta | A6164GT3* | 3000GT | C250 | 186.8 | 17.2 | 38.7 | 33.9 | \$989.1 | 24 |
| Channel | 210-61VT3 | VT3 | P250 | 182.1 | 17.4 | 75.3 | 33.8 | \$963.3 | 25 |
| Fielders Choice | NG6686 | VT3 | P250 | 180.2 | 17.1 | 59.7 | 33.9 | \$954.6 | 26 |
| Doeblers | RPM 723HXR^* | HX,RR2 | P250 | 177.7 | 19.1 | 75.3 | 34.2 | \$932.5 | 29 |
| Augusta | A5337EVT3 | VT3 | C250 | 177.1 | 17.2 | 64.7 | 34.1 | \$937.7 | 28 |
| Fielders Choice | NG6729 | VT3 | P250 | 177.0 | 16.8 | 69.7 | 35.0 | \$939.0 | 27 |
| TA Seeds | TA765-00* | None | P250 | 168.7 | 18.2 | 49.7 | 33.8 | \$889.0 | 30 |
| | | | | Test Average = | 198.4 | 17.1 | 35.1 | 34.4 | \$1,050.7 |
| | | | | LSD (0.10) = | 18.2 | 0.7 | 21.0 | | |
| | | | | C.V. = | 6.7 | 3.1 | | | |


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

TEST COMMENTS: Hot dry summer still caused some stress even with irrigation. Late season storms and heavy rains caused the corn to go down. Some hybrids were root lodged while others broke at the knees. Only a few hybrid yields were affected by field loss. Some Anthracnose was present prior to harvest. No fungicide was applied.

Lat: N38.70707, Long: W75.62006

| | | | | |
|---|-----------------------|--------------|------------------|----------------|
| Yield & Income Factors: | Base Moisture = 15.0% | Shrink = 1.3 | Drying = \$0.025 | Price = \$5.35 |
| [†] TECHNOLOGY: Corn Borer - 3000GT, CB, HX, HXT, SS, VT2P, VT3, VT3P, YGCB; Corn Rootworm - 3000GT, HXT, RW, SS, VT2, VT3, VT3P Glyphosate - 3000GT, GT, RR2, SS, VT2, VT2P, VT3, VT3P; LibertyLink - 3000GT, HX, HXT, LL, SS | | | | |
| ^{††} IST: AVC - Avicta Complete, 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 chosen 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. HPT[®] brand seed is distributed by Hoegemeyer Hybrids, Inc. RPM[®] brand seed is distributed by Doebler's PA Seed. XL[™] brand seed is distributed by Beck's Superior Hybrids. G2[®], HPT[®], RPM[®], and XL[™] are trademarks of Pioneer Hi-Bred.

Technologies

| | |
|----------|---|
| 3110 | Agrisure [®] Viptera [™] 3110 |
| 3111 | Agrisure [®] Viptera [™] 3111 |
| 3000GT | Agrisure [®] 3000GT |
| 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 [®] |
| RR | Roundup Ready [®] Soybeans |
| RR2 | Roundup Ready [®] Corn 2 |
| RR2Y | Genuity [™] Roundup Ready 2 Yield [®] |
| SS | Genuity [™] SmartStax [™] |
| STS | STS [®] |
| VT2 | YieldGard VT Rootworm/RR2 [™] |
| VT2P | Genuity [™] VT Double PRO [™] |
| VT3 | YieldGard VT Triple [®] |
| VT3P | Genuity [™] VT Triple PRO [™] |
| YGCB | YieldGard [®] Corn Borer |
| YGCB,RR2 | YieldGard [®] Corn Borer/Roundup Ready [®] Corn 2 |
| YGPL,RR2 | YieldGard [®] Plus/Roundup Ready [®] Corn 2 |
| YGRW,RR2 | YieldGard [®] Rootworm/Roundup Ready [®] Corn 2 |

Seed Treatments

| | |
|-----|-----------------------------------|
| AC | Acceleron [®] |
| AM | ApronMaxx [®] |
| AP | Apron XL [®] |
| AVC | Avicta [®] Complete Corn |
| C | Cruiser [®] |
| CM | CruiserMaxx [®] |
| E | Excalibre [™] |
| ES | Escalate [™] |
| I | Inovate [™] System |
| O | Optimize [®] |
| P | Poncho [®] |
| T | Trilex [®] |
| T6 | Trilex [®] 6000 |
| V | Votivo [™] |

Trademarks

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- Optimize[®] is a trademark of EMD Crop BioScience Inc.
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