

2010 BETTER HYBRIDS Harvest Report for Ohio North West [OHNW]
 Ed Rigel / Rigel Farms, Putnam County, OH 45856 [LEIPSIC]

EARLY SEASON TEST
103 - 108 Day CRM

PREV. CROP/HERB: Wheat BOOHNW21a
 SOIL DESCRIPTION: clay loam, well drained, minimum w/ fall till, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.4 pH, 3.5% OM
 PEST MANAGEMENT: Harness Xtra 30" ROW SPACING
 FERTILITY - Applied N: 180 Spring, 10 Planter,
 Applied N-P-K (units): 190-69-150
 SEEDED - RATE: Apr 22 33,000 /A TOP 30 OF 45 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Sep 28 31,573 /A AVERAGE of (3) REPLICATIONS

| Company | Brand | Technology [†] | IST ^{††} | Yield Bu/A | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|-----------------|--------------|-------------------------|-------------------|---------------|---------------|--------------|-------------------|-------------------------|------|
| Mycogen | 2P612 GC | VT3 | C250 | 194.2 | 14.0 | 1.0 | 31.5 | \$860.2 | 1 |
| Rupp | XR8013 | VT3 | P250 | 179.2 | 13.6 | 1.0 | 31.9 | \$795.9 | 3 |
| Rupp | XR8407 | VT3 | C250 | 177.9 | 13.5 | 1.0 | 30.9 | \$790.8 | 4 |
| NuTech | 5N-705A | 3000GT | C250 | 174.3 | 13.4 | 1.0 | 31.2 | \$775.2 | 5 |
| Ebberts | 2909VT3* | VT3 | P250 | 174.0 | 13.9 | 1.0 | 32.2 | \$771.5 | 6 |
| NuTech | 3T-110 | VT3 | C250 | 173.0 | 13.8 | 1.0 | 32.5 | \$767.5 | 7 |
| NuTech | G2 5X-909^ | HXT,RR2 | C250 | 172.6 | 13.9 | 1.0 | 31.9 | \$765.5 | 8 |
| Steyer | 10701VT3P | VT3P | C250 | 172.3 | 13.8 | 1.0 | 29.9 | \$764.4 | 10 |
| LG Seeds | LG2527VT3 | VT3 | P250 | 172.3 | 13.8 | 1.0 | 31.9 | \$764.7 | 9 |
| Stine | 9531VT3Pro | VT3P | P250 | 171.1 | 13.6 | 1.0 | 31.2 | \$760.1 | 11 |
| Beck | XL 5269HXR^* | HXT,RR2 | P500 | 170.8 | 13.4 | 1.0 | 30.9 | \$759.9 | 12 |
| Channel | 208-72VT3 | VT3 | P250 | 170.6 | 13.9 | 1.0 | 31.9 | \$756.3 | 15 |
| NuTech | 5X-209 | HXT,RR2 | C250 | 170.4 | 13.9 | 1.0 | 30.9 | \$755.7 | 17 |
| Fielders Choice | NG6686 | VT3 | P250 | 170.4 | 13.7 | 1.0 | 31.5 | \$756.3 | 16 |
| Dekalb | DKC55-09 GC | SS | P250 | 170.3 | 13.6 | 1.0 | 31.2 | \$756.6 | 13 |
| Specialty | 4939VT3 | VT3 | P250 | 170.3 | 13.8 | 1.0 | 30.5 | \$755.1 | 18 |
| Stewart | 6T725 | VT3 | P250 | 170.1 | 13.4 | 1.0 | 30.2 | \$756.4 | 14 |
| LG Seeds | LG2529VT3Pro | VT3P | P250 | 169.4 | 14.2 | 1.0 | 33.2 | \$749.3 | 22 |
| Great Lakes | 5783G3VT3 | VT3 | P250 | 168.9 | 13.8 | 1.0 | 30.5 | \$749.1 | 23 |
| Specialty | 2882GENSS | SS | P250 | 168.8 | 13.2 | 1.0 | 32.5 | \$751.8 | 20 |
| LG Seeds | LG2510STX | SS | P250 | 168.7 | 12.8 | 1.0 | 32.2 | \$753.4 | 19 |
| NuTech | G2 5H-007^ | HX,RR2 | C250 | 168.4 | 13.7 | 1.0 | 32.2 | \$747.4 | 25 |
| Fielders Choice | NG6729 | VT3 | P250 | 168.3 | 13.6 | 1.0 | 33.2 | \$747.5 | 24 |
| NuTech | 5N-803 | 3000GT | C250 | 168.1 | 13.0 | 1.0 | 31.5 | \$749.5 | 21 |
| Fielders Choice | NG6676 | VT3 | P250 | 167.9 | 13.6 | 1.0 | 33.2 | \$745.7 | 26 |
| Fielders Choice | NG6723 | VT3 | P250 | 167.1 | 14.1 | 1.0 | 32.2 | \$739.9 | 27 |
| Bo-Jac | 9294 | HXT | C250 | 166.3 | 13.5 | 1.0 | 30.9 | \$738.9 | 29 |
| Steyer | 10401VT3* | VT3 | P250 | 165.7 | 13.0 | 1.0 | 31.2 | \$739.4 | 28 |
| Beck | XL 5354HXR^ | HXT,RR2 | P500 | 165.6 | 13.9 | 1.0 | 30.9 | \$734.3 | 31 |
| Great Lakes | 5416G3VT3 | VT3 | P250 | 165.3 | 13.2 | 1.0 | 31.9 | \$736.4 | 30 |
| Dekalb | DKC59-35 CK | VT3 | P250 | 183.0 | 14.0 | 1.0 | 32.9 | \$810.9 | 2 |
| Test Average = | | | | 168.5 | 13.7 | 1.0 | 31.6 | \$748.1 | |
| LSD (0.10) = | | | | 11.0 | 0.5 | n.s. | | | |
| C.V. = | | | | 4.8 | 2.8 | | | | |

Rich H. Lehmann
 F.I.R.S.T. Manager

TEST COMMENTS: *Good weather conditions after planting with good temperatures. Crop got off to good start with ample rain to get ahead of a hot dry late July through August. Stalk quality was good with light lodging.*

Lat: N41.195, Long: W84.04433

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.030 Price = \$4.40

[†] **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

Complete list of brands tested & searchable database available at www.firstseedtests.com

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Report Date: 10/5/2010

Revised:

2010 BETTER HYBRIDS Harvest Report for Ohio North West [OHNW]

Ed Rigel / Rigel Farms, Putnam County, OH 45856 [LEIPSIC]

FULL SEASON TEST
109 - 112 Day CRM

BOOHNW21b

 PREV. CROP/HERB: Wheat
 SOIL DESCRIPTION: clay loam, well drained, minimum w/ fall till, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.4 pH, 3.5% OM
 PEST MANAGEMENT: Harness Xtra
 FERTILITY - Applied N: 180 Spring, 10 Planter,
 Applied N-P-K (units): 190-69-150

30" ROW SPACING

 SEEDED - RATE: Apr 22 33,000 /A
 HARVESTED - STAND: Sep 28 31,400 /A

TOP 30 OF 30 FOR GROSS INCOME (SORTED BY YIELD)

AVERAGE of (3) REPLICATIONS

| Company | Brand | Technology [†] | IST ^{††} | Yield Bu/A | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|------------------------------|--------------|-------------------------|-------------------|----------------|---------------|--------------|-------------------|-------------------------|---------|
| Stewart | 7T765 | VT3 | P250 | 188.9 | 15.3 | 1.0 | 29.6 | \$829.5 | 1 |
| Specialty | 4958VT3 | VT3 | P250 | 177.3 | 13.9 | 1.0 | 31.2 | \$786.0 | 3 |
| Great Lakes | 6229G3VT3 | VT3 | P250 | 175.8 | 14.7 | 1.0 | 31.2 | \$775.1 | 4 |
| Stine | 9728VT3Pro | VT3P | P250 | 175.5 | 14.8 | 1.0 | 29.6 | \$773.3 | 5 |
| Dairyland | ST9410 | VT3 | C250 | 174.2 | 14.0 | 1.0 | 31.9 | \$771.7 | 7 |
| Channel | 209-19VT3 | VT3 | P250 | 174.1 | 13.7 | 1.0 | 32.6 | \$772.8 | 6 |
| Beck | 6179VT3 | VT3 | P500 | 174.0 | 14.8 | 1.0 | 30.6 | \$766.6 | 8 |
| Channel | 210-61VT3 | VT3 | P250 | 171.9 | 14.3 | 1.0 | 31.2 | \$760.0 | 11 |
| Great Lakes | 5939G3VT3 | VT3 | P250 | 171.7 | 14.1 | 1.0 | 33.2 | \$760.1 | 10 |
| LG Seeds | LG2549VT3 | VT3 | P250 | 171.6 | 13.9 | 1.0 | 33.2 | \$760.7 | 9 |
| Beck | 5716A3 | 3000GT | P500 | 171.6 | 14.4 | 1.0 | 30.9 | \$758.1 | 12 |
| Dairyland | ST9710SSX | SS | C250 | 170.1 | 14.4 | 1.0 | 33.6 | \$751.5 | 13 |
| Beck | 5442VT3 | VT3 | P500 | 169.5 | 14.0 | 1.0 | 29.6 | \$750.9 | 14 |
| Ebberts | 2711QUAD* | 3000GT | P250 | 169.4 | 14.8 | 1.0 | 29.6 | \$746.4 | 15 |
| Stewart | 7T945 | VT3 | P250 | 168.8 | 14.7 | 1.0 | 31.9 | \$744.2 | 17 |
| Ebberts | 7642VT3P | VT3P | P250 | 168.8 | 14.9 | 1.0 | 29.9 | \$743.2 | 19 |
| Stewart | 7T630 | VT3 | P250 | 168.6 | 14.2 | 1.0 | 30.2 | \$745.9 | 16 |
| LG Seeds | LG2555VT3 | VT3 | P250 | 168.4 | 14.4 | 1.0 | 31.2 | \$744.0 | 18 |
| Specialty | 4970VT3 | VT3 | P250 | 168.0 | 14.3 | 1.0 | 32.6 | \$742.7 | 21 |
| Stine | 9731VT3Pro | VT3P | P250 | 167.9 | 14.2 | 1.0 | 31.6 | \$742.8 | 20 |
| Ebberts | 7501RR* | RR2 | P250 | 166.9 | 14.9 | 1.0 | 32.2 | \$734.9 | 22 |
| Stewart | 7V828 | VT3P | P250 | 165.9 | 15.1 | 1.0 | 32.2 | \$729.5 | 25 |
| LG Seeds | LG2616VT3 | VT3 | P250 | 165.8 | 14.7 | 1.0 | 31.2 | \$731.0 | 23 |
| Beck | XL 6077HR^* | HX,RR2 | P500 | 165.4 | 15.0 | 1.0 | 31.9 | \$727.8 | 27 |
| Steyer | 11002-3000GT | 3000GT | C250 | 165.3 | 14.7 | 1.0 | 33.2 | \$728.8 | 26 |
| Rupp | XR8500 | VT3 | P250 | 165.1 | 14.1 | 1.0 | 32.2 | \$730.9 | 24 |
| Specialty | 4969VT3 | VT3 | P250 | 163.5 | 13.7 | 1.0 | 30.6 | \$725.8 | 28 |
| Bo-Jac | 9459 | 3000GT | C250 | 160.1 | 14.1 | 1.0 | 30.9 | \$708.8 | 29 |
| Steyer | 10903VT3P | VT3P | P250 | 159.1 | 13.9 | 1.0 | 30.6 | \$705.3 | 30 |
| Row intentionally left blank | | | | | | | | | |
| Dekalb | DKC59-35 CK | VT3 | P250 | 181.9 | 14.2 | 1.0 | 31.2 | \$804.7 | 2 |
| | | | | Test Average = | 170.2 | 14.4 | 1.0 | 31.4 | \$751.8 |
| | | | | LSD (0.10) = | 10.2 | 0.7 | n.s. | | |
| | | | | C.V. = | 4.4 | 3.4 | | | |


 F.I.R.S.T. Manager

TEST COMMENTS: Good weather conditions after planting with good temperatures. Crop got off to good start with ample rain to get ahead of a hot dry late July through August. Stalk quality was good with light lodging.

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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.030 Price = \$4.40

[†] **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

 Complete list of brands tested & searchable database available at www.firstseedtests.com

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Report Date: 10/5/2010

Revised:



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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- LibertyLink[®], Poncho[®], Trilex[®], and Votivo[™] are trademarks of Bayer.
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- STS[®] is a registered trademark of E.I. DuPont Nemours & Co.
- Optimize[®] is a trademark of EMD Crop BioScience Inc.
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