

2010 BETTER HYBRIDS Harvest Report for Iowa North West [IANW]
EARLY SEASON TEST

Mike Krishel, Pocahontas County, IA 50546 [HAVELOCK]

101 - 106 Day CRM

PREV. CROP/HERB: Soybean / Glyphos B01ANW34a
 SOIL DESCRIPTION: Nicollet/Clarion silt loam, mod. well drained, conventional w/o fall till, non-irrigated
 SOIL CONDITIONS: Mod. High P, mod. high K, 6.6 pH, 3.5% OM
 PEST MANAGEMENT: Harness Xtra, Callisto, Force 30" ROW SPACING
 FERTILITY - Applied N: 125 Fall, 66 Spring,
 Applied N-P-K (units): 191-92-120
 SEEDED - RATE: Apr 20 35,100 /A TOP 30 OF 60 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Oct 14 34,500 /A AVERAGE of (3) REPLICATIONS

| Company | Brand | Technology [†] | IST ^{††} | Yield Bu/A | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|----------------|-----------------|-------------------------|-------------------|---------------|---------------|--------------|-------------------|-------------------------|-----------|
| Dairyland | ST9006 | VT3 | P250 | 213.0 | 13.7 | 1.0 | 34.4 | \$863.1 | 2 |
| AgriGold | A6384VT3Pro | VT3P | P250 | 211.1 | 11.8 | 1.0 | 35.3 | \$871.4 | 1 |
| LG Seeds | LG2510STX | SS | P250 | 210.3 | 12.7 | 2.0 | 36.2 | \$860.5 | 4 |
| LG Seeds | LG2529VT3Pro | VT3P | P250 | 209.1 | 12.1 | 1.0 | 31.6 | \$860.7 | 3 |
| Channel | 199-55VT3 | VT3 | P250 | 207.1 | 12.1 | 1.0 | 34.4 | \$852.4 | 5 |
| Wensman | W8364STX | SS | P250 | 205.5 | 13.5 | 1.0 | 35.3 | \$834.3 | 6 |
| Jung | 7610VT3 | VT3P | P250 | 202.0 | 13.2 | 1.0 | 33.5 | \$822.5 | 8 |
| Renk | RK682VT3 | VT3 | P250 | 201.4 | 13.7 | 2.0 | 32.6 | \$816.1 | 10 |
| Great Lakes | 5643VT3PRO | VT3P | P250 | 200.8 | 12.4 | 1.0 | 33.5 | \$824.1 | 7 |
| Wensman | W7433VT3 | VT3 | P250 | 199.6 | 12.9 | 1.0 | 32.6 | \$815.2 | 11 |
| Renk | RK698VT3 | VT3 | P250 | 199.4 | 13.2 | 1.0 | 36.2 | \$812.0 | 12 |
| Dekalb | DKC52-59 GC | VT3 | P250 | 198.4 | 12.0 | 2.0 | 33.5 | \$817.4 | 9 |
| Kruger | K-6201VT3 | VT3 | P250 | 197.0 | 13.8 | 1.0 | 35.3 | \$797.5 | 14 |
| Great Lakes | 5211GS | SS | P250 | 196.1 | 12.9 | 2.0 | 36.2 | \$800.9 | 13 |
| Viking | Y54-04RL | 3000GT | C250 | 192.6 | 14.0 | 1.0 | 34.4 | \$778.1 | 15 |
| Mycogen | 2J597 | SS | C250 | 189.6 | 13.5 | 1.0 | 36.2 | \$769.8 | 17 |
| AgSource | 5N-804A | 3000GT | C250 | 188.3 | 12.8 | 1.0 | 33.5 | \$769.8 | 16 |
| Stine | 9523VT3 | VT3 | P250 | 188.2 | 13.1 | 1.0 | 34.4 | \$767.1 | 18 |
| Titan Pro | 1059 | None | None | 187.0 | 14.1 | 1.0 | 34.4 | \$754.7 | 21 |
| Kruger | K-6006VT3 | VT3 | C250 | 186.9 | 13.7 | 1.0 | 35.3 | \$757.3 | 20 |
| Garst | 86J49-3000GT GC | 3000GT | C500 | 185.3 | 12.4 | 2.0 | 35.3 | \$760.5 | 19 |
| Producers | 6634VT3 | VT3 | P250 | 184.7 | 13.3 | 2.0 | 35.3 | \$751.4 | 23 |
| Dekalb | DKC51-86 GC | VT3P | P250 | 184.5 | 13.3 | 1.0 | 32.5 | \$750.5 | 24 |
| Wyffels | W5051 | VT3 | P250 | 184.4 | 12.7 | 1.0 | 35.3 | \$754.6 | 22 |
| Mycogen | 2K592 | VT3 | C250 | 184.4 | 14.4 | 1.0 | 36.2 | \$742.0 | 27 |
| NuTech | 3T-401A | VT3 | C250 | 184.0 | 13.1 | 1.0 | 36.2 | \$750.0 | 25 |
| Dairyland | ST9206Q | HXT,RR2 | C250 | 183.7 | 14.1 | 1.0 | 35.3 | \$741.4 | 28 |
| Channel | 205-94VT3 | VT3 | P250 | 183.2 | 13.7 | 1.0 | 36.2 | \$742.3 | 26 |
| AgriGold | A6389VT3 | VT3 | P250 | 181.5 | 13.0 | 2.0 | 34.4 | \$740.5 | 30 |
| LG Seeds | LG2515HX | HX | P250 | 178.9 | 11.4 | 2.0 | 38.1 | \$741.4 | 29 |
| Pioneer | 35K04 CK | HXT,RR2 | P250 | 180.1 | 14.1 | 1.0 | 31.6 | \$726.9 | 39 |
| Test Average = | | | | 183.3 | 13.0 | 1.2 | 34.5 | \$748.2 | |
| LSD (0.10) = | | | | 20.8 | 0.5 | n.s. | | | |
| C.V. = | | | | 8.4 | 3.0 | | | | |

TEST COMMENTS: Plot received over 15" of rainfall in June and July together. Some nitrogen loss is suspected to have reduced plant vigor and take the top end off of yield. Despite the wet mid-season weather, the crop recovered reasonably well. There was very little to no lodging observed at this location. Lat: N42.82048, Long: W94.70341

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.040 Price = \$4.00

[†] **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

2010 BETTER HYBRIDS Harvest Report for Iowa North West [IANW]

Mike Krishel, Pocahontas County, IA 50546 [HAVELOCK]

FULL SEASON TEST
107 - 110 Day CRM

BOIANW34b

PREV. CROP/HERB: Soybean / Glyphos

SOIL DESCRIPTION: Nicollet/Clarion silt loam, mod. well drained, conventional w/o fall till, non-irrigated

SOIL CONDITIONS: Mod. High P, mod. high K, 6.6 pH, 3.5% OM

PEST MANAGEMENT: Harness Xtra, Callisto, Force

30" ROW SPACING

FERTILITY - Applied N: 125 Fall, 66 Spring,

Applied N-P-K (units): 191-92-120

SEEDED - RATE: Apr 20 35,100 /A

TOP 30 of 48 FOR GROSS INCOME (SORTED BY YIELD)

HARVESTED - STAND: Oct 14 33,700 /A

AVERAGE of (3) REPLICATIONS

| Company | Brand | Technology [†] | IST ^{††} | Yield Bu/A | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|----------------|--------------|-------------------------|-------------------|---------------|---------------|--------------|-------------------|-------------------------|------|
| Wensman | W7562VT3 | VT3 | P250 | 217.0 | 14.9 | 2.0 | 34.4 | \$868.9 | 2 |
| Channel | 209-77VT3 | VT3 | P250 | 215.8 | 14.0 | 1.0 | 37.1 | \$871.8 | 1 |
| Dyna-Gro | 57V40 | VT3 | P250 | 215.2 | 15.9 | 2.0 | 26.0 | \$853.1 | 4 |
| Dyna-Gro | V4993VT3 | VT3 | P250 | 214.6 | 14.1 | 1.0 | 33.5 | \$866.1 | 3 |
| Wensman | W7473VT3 | VT3 | P250 | 208.8 | 14.2 | 1.0 | 35.3 | \$841.9 | 6 |
| AgriGold | A6458VT3 | VT3 | P250 | 208.2 | 13.8 | 1.0 | 35.3 | \$842.8 | 5 |
| Wyffels | W6871 | VT3 | P250 | 206.6 | 15.5 | 1.0 | 32.6 | \$822.3 | 7 |
| NuTech | 3T-110 | VT3 | C250 | 205.6 | 15.7 | 1.0 | 34.4 | \$816.6 | 9 |
| Channel | 210-61VT3 | VT3 | P250 | 202.2 | 15.6 | 1.0 | 34.4 | \$803.9 | 10 |
| Producers | 7014VT3 | VT3 | P250 | 201.7 | 13.7 | 1.0 | 30.7 | \$817.3 | 8 |
| NuTech | G2 5X-509^ | HXT,RR2 | C250 | 201.6 | 15.4 | 1.0 | 30.7 | \$803.2 | 11 |
| Stine | 9528VT3Pro | VT3P | P250 | 198.6 | 16.0 | 1.0 | 36.2 | \$786.5 | 18 |
| Dyna-Gro | 56R60 | HXT,RR2 | P250 | 198.4 | 14.2 | 1.0 | 29.8 | \$799.9 | 13 |
| Producers | 6944VT3 | VT3 | P250 | 198.3 | 14.5 | 1.0 | 29.8 | \$797.2 | 14 |
| Renze | 7270RR2 | RR2 | C250 | 197.1 | 14.3 | 1.0 | 36.2 | \$793.9 | 17 |
| Renk | RK744VT3 | VT3 | P250 | 195.9 | 12.5 | 1.0 | 33.5 | \$803.2 | 12 |
| NuTech | G2 5H-007^ | HX,RR2 | C250 | 195.8 | 13.6 | 1.0 | 36.2 | \$794.2 | 15 |
| Mycogen | 2C641 | RR2 | C250 | 194.8 | 13.1 | 1.0 | 35.3 | \$794.0 | 16 |
| Kruger | K-6010VT3 | VT3 | C250 | 194.8 | 14.5 | 1.0 | 36.2 | \$783.1 | 19 |
| Wyffels | W6261 | VT3 | P250 | 192.8 | 15.3 | 1.0 | 27.9 | \$768.9 | 23 |
| Renze | 1300VT3 | VT3 | C250 | 190.6 | 15.2 | 1.0 | 35.3 | \$760.9 | 25 |
| NuTech | G2 5X-007A^ | HXT,RR2 | C250 | 190.4 | 13.2 | 1.0 | 32.5 | \$775.3 | 21 |
| Dekalb | DKC57-50 GC | VT3 | P250 | 190.4 | 13.6 | 1.0 | 29.8 | \$772.3 | 22 |
| NuTech | 1N-109 | CB/LL/RW | C250 | 189.5 | 14.8 | 1.0 | 32.5 | \$759.5 | 27 |
| LG Seeds | LG2529VT3Pro | VT3P | P250 | 189.0 | 12.0 | 1.0 | 34.4 | \$778.7 | 20 |
| LG Seeds | LG2549VT3 | VT3 | P250 | 189.0 | 13.6 | 1.0 | 33.5 | \$766.6 | 24 |
| Dekalb | DKC59-35 GC | VT3 | P250 | 188.1 | 14.9 | 1.0 | 34.4 | \$753.2 | 29 |
| Kruger | K-6408VT3 | VT3 | P250 | 187.6 | 13.7 | 1.0 | 36.2 | \$760.2 | 26 |
| LG Seeds | LG2548VT3 | VT3 | P250 | 187.5 | 14.6 | 1.0 | 32.6 | \$753.0 | 30 |
| Great Lakes | 5939G3VT3 | VT3 | P250 | 187.1 | 13.6 | 1.0 | 35.3 | \$758.9 | 28 |
| Pioneer | 35K04 CK | HXT,RR2 | P250 | 185.4 | 15.2 | 1.0 | 35.3 | \$740.1 | 32 |
| Test Average = | | | | 188.8 | 14.4 | 1.0 | 33.7 | \$760.0 | |
| LSD (0.10) = | | | | 20.4 | 0.8 | 0.5 | | | |
| C.V. = | | | | 7.9 | 4.2 | | | | |

TEST COMMENTS: Plot received over 15" of rainfall in June and July together. Some nitrogen loss is suspected to have reduced plant vigor and take the top end off of yield. Despite the wet mid-season weather, the crop recovered reasonably well.

There was very little to no lodging observed at this location.

Lat: N42.82048, Long: W94.70341

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.040 Price = \$4.00

[†] **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

AgSCI Copyright 2010

Report Date: 10/18/2010

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

- Excalibre[™] is a trademark of Advanced Biological Marketing
- LibertyLink[®], Poncho[®], Trilex[®], and Votivo[™] are trademarks of Bayer.
- Escalate[™] is a trademark of Beck's Superior Hybrids
- Herculex[®] is a trademark of Dow AgroSciences LLC.
- STS[®] is a registered trademark of E.I. DuPont Nemours & Co.
- Optimize[®] is a trademark of EMD Crop BioScience Inc.
- Acceleron[®], Genuity[®], Roundup Ready[®], Roundup Ready 2 Yield[®], SmartStax[™], VT Double PRO[™], VT Triple PRO[™], YieldGard[®], YieldGard VT Rootworm/RR2[™], and YieldGard VT Triple[®] are trademarks of Monsanto Technology LLC.
- Agrisure[®], ApronMaxx[®], ApronXL[®], Avicta[®], Cruiser[®], and CruiserMaxx[®] are trademarks of Syngenta.
- Inovate[™] System is a trademark of Valent