

**2012 BETTER HYBRIDS Harvest Report for Iowa Northwest [ IANW ]**  
 Orlando Leimer, Buena Vista County, IA 50510 [ REMBRANDT ]

**EARLY SEASON TEST**  
 101 - 106 Day CRM

PREV. CROP/HERB: Soybean / Enlite, Glyphosate, Cadet B2IANW05a  
 SOIL DESCRIPTION: Webster-Canisteo silty clay loam, mod. well drained, no-till ridge, non-irrigated  
 SOIL CONDITION: Mod. High P, mod. high K, 6.9 pH, 3.7% OM  
 PEST MANAGEMENT: Balance Flexx, Atrazine, Impact, Evito 480, Headline AMP, Force 3G 30" ROW SPACING  
 FERTILITY - Applied N: 105 Fall, 110 Side  
 Applied N-P-K (units): 215-115-85  
 SEEDED - RATE: Apr 25 35,100 /A TOP 30 OF 63 FOR GROSS INCOME (SORTED BY YIELD)  
 HARVESTED - STAND: Sep 14 34,300 /A AVERAGE of (3) REPLICATIONS

| Company/Brand  | Product/Brand† | Technol.† | Seed Treatment† | RM  | Yield Bu/A | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|----------------|----------------|-----------|-----------------|-----|------------|------------|-----------|----------------|----------------------|------|
| LG Seeds       | LG5550VT3Pro   | VT3P      | AC,P5V          | 106 | 199.8      | 21.2       | 1         | 36.7           | 1,497                | 1    |
| Champion       | 56A13VT3Pro    | VT3P      | AC,P2           | 106 | 198.9      | 22.5       | 1         | 32.0           | 1,477                | 3    |
| Champion       | 56B13SS        | STX       | AC,P2           | 106 | 197.8      | 23.2       | 11        | 35.3           | 1,462                | 6    |
| Dekalb         | DKC55-09RIB GC | STX-R     | AC,P2           | 105 | 196.3      | 21.8       | 1         | 38.0           | 1,464                | 5    |
| G2 Genetics    | 5H-806^        | HX,RR2    | MQ,R,P1V        | 106 | 195.9      | 21.0       | 11        | 35.3           | 1,469                | 4    |
| AgriGold       | A6323GT3       | 3000GT    | AC,P5V          | 103 | 193.2      | 21.0       | 1         | 36.7           | 1,449                | 9    |
| G2 Genetics    | 5X-903^        | HXT,RR2   | MQ,R,P1V        | 103 | 192.5      | 20.3       | 1         | 32.7           | 1,451                | 8    |
| Renk           | RK708SSTX      | STX       | AC,P2           | 105 | 192.3      | 20.1       | 1         | 35.3           | 1,451                | 7    |
| Pfister        | 2225RR         | RR2       | AC,P2           | 101 | 191.4      | 16.5       | 4         | 34.0           | 1,479                | 2    |
| Channel        | 203-43VT3P     | VT3P      | AC,P5V          | 103 | 190.1      | 19.3       | 1         | 34.7           | 1,442                | 10   |
| LG Seeds       | LG5522VT3Pro   | VT3P      | AC,P5V          | 103 | 188.1      | 19.6       | 5         | 32.0           | 1,424                | 11   |
| Titan Pro      | 1059           | None      | MQ,C2           | 105 | 187.6      | 20.3       | 17        | 34.0           | 1,414                | 14   |
| Great Lakes    | 5368VT3PRO     | VT3P      | AC,P5V          | 103 | 185.7      | 17.7       | 3         | 31.3           | 1,423                | 12   |
| Producers      | XP6104VT3Pro   | VT3P      | AC,P5V          | 101 | 185.2      | 17.3       | 1         | 32.7           | 1,423                | 13   |
| Viking         | Y54-04RL       | 3000GT    | MQ,C2           | 104 | 184.4      | 20.4       | 1         | 31.3           | 1,389                | 17   |
| Renze          | CX22104-3000GT | 3000GT    | CE,C2           | 104 | 184.1      | 20.9       | 1         | 34.0           | 1,382                | 19   |
| Wyffels        | W4267          | VT3P      | AC,P5V          | 105 | 183.5      | 19.0       | 1         | 35.3           | 1,395                | 16   |
| G2 Genetics    | 5H-0504^       | HX,RR2    | MQ,R,P1V        | 105 | 182.2      | 21.9       | 1         | 32.7           | 1,358                | 24   |
| LG Seeds       | LG2531VT3Pro   | VT3P      | AC,P5V          | 106 | 181.3      | 20.8       | 2         | 36.0           | 1,362                | 22   |
| Curry          | 622-18^        | HX,RR2    | MQ,R,P1V        | 102 | 180.5      | 19.0       | 1         | 36.7           | 1,372                | 20   |
| Producers      | 6624VT3Pro     | VT3P      | AC,P5V          | 106 | 180.1      | 20.4       | 7         | 33.3           | 1,356                | 27   |
| LG Seeds       | LG2501VT3Pro   | VT3P      | AC,P5V          | 101 | 179.6      | 16.6       | 5         | 36.7           | 1,387                | 18   |
| Pioneer        | P0448AM1 GC    | AM1,RR2   | MQ,C2           | 104 | 179.5      | 19.4       | 1         | 36.7           | 1,361                | 23   |
| Fontanelle     | 6V327          | VT3P      | AC,P2V          | 106 | 179.5      | 19.7       | 1         | 34.0           | 1,358                | 25   |
| Dekalb         | DKC53-78RIB GC | STX-R     | AC,P2           | 103 | 178.4      | 19.0       | 1         | 35.3           | 1,356                | 28   |
| Federal        | 5420VT3P       | VT3P      | AC,P2           | 101 | 177.9      | 17.8       | 4         | 36.0           | 1,363                | 21   |
| Kruger         | K-7303         | VT3P      | AC,P5V          | 103 | 177.3      | 17.9       | 4         | 29.3           | 1,357                | 26   |
| Great Lakes    | 5643VT3PRO     | VT3P      | AC,P5V          | 106 | 177.1      | 19.0       | 3         | 36.0           | 1,346                | 30   |
| NuTech         | 5B-604         | GT/CB/LL  | MQ,R,C2         | 104 | 175.6      | 17.8       | 5         | 32.0           | 1,345                | 31   |
| Prairie Brand  | 1022RR         | RR2       | AC,P2           | 102 | 174.5      | 16.5       | 2         | 34.0           | 1,348                | 29   |
| Pioneer        | P0528XR CK     | HXT,RR2   | CE,C2           | 105 | 187.9      | 21.3       | 1         | 32.7           | 1,406                | 15   |
| Test Average = |                |           |                 |     | 174.7      | 19.5       | 5         | 34.3           | 1,323                |      |
| LSD (0.10) =   |                |           |                 |     | 19.2       | 1.5        | 12        |                |                      |      |
| C.V. =         |                |           |                 |     | 8.1        | 5.7        |           |                |                      |      |

  
 F.I.R.S.T. Manager

**TEST COMMENTS:** Persistent dry weather all season forced cannibalization of stalks as early as late July. Stalk quality was a concern and warranted early harvest but lodging at harvest was not severe. Top performing hybrids required excellent root health and drought stress tolerance to increase kernel depth and test weight on well pollinated ears. Low pest pressures at this site. Lat: 42.78876, Long: -95.1656

|   |                       |              |                  |                |
|---|-----------------------|--------------|------------------|----------------|
| Yield & Income Factors:   | Base Moisture = 15.0% | Shrink = 1.4 | Drying = \$0.050 | Price = \$7.80 |
| † See last page for Product/Brand, Technology and Seed Treatment information.<br>→ Identifies the check brand included in early- and full-season tests. <b>Bold</b> yields are significantly above test average. <b>Italicized</b> brands exceed the grain moisture limit for this test. <b>GC</b> = grower comparison product, <b>ns</b> = not significantly different |                       |              |                  |                |

**2012 BETTER HYBRIDS Harvest Report for Iowa Northwest [ IANW ]**  
 Orlando Leimer, Buena Vista County, IA 50510 [ REMBRANDT ]

**FULL SEASON TEST**  
 107 - 110 Day CRM

B2IANW05b

 PREV. CROP/HERB: Soybean / Enlite, Glyphosate, Cadet  
 SOIL DESCRIPTION: Webster-Canisteo silty clay loam, mod. well drained, no-till ridge, non-irrigated  
 SOIL CONDITIONS: Mod. High P, mod. high K, 6.9 pH, 3.7% OM  
 PEST MANAGEMENT: Balance Flexx, Atrazine, Impact, Evito 480, Headline AMP, Force 3G  
 FERTILITY - Applied N: 105 Fall, 110 Side  
 Applied N-P-K (units): 215-115-85

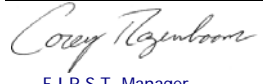
30" ROW SPACING

 SEEDED - RATE: Apr 25 35,100 /A  
 HARVESTED - STAND: Sep 14 34,100 /A

TOP 30 OF 54 FOR GROSS INCOME (SORTED BY YIELD)

AVERAGE of (3) REPLICATIONS

| Company/Brand  | Product/Brand†       | Technol.†      | Seed Treatment† | RM         | Yield Bu/A   | Moisture %  | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank      |
|----------------|----------------------|----------------|-----------------|------------|--------------|-------------|-----------|----------------|----------------------|-----------|
| NuTech         | 5B-410               | GT/CB/LL       | MQ,R,C2         | 110        | <b>220.9</b> | 23.3        | 2         | 32.0           | 1,631                | 1         |
| G2 Genetics    | 5H-1005 <sup>^</sup> | HX,RR2         | MQ,R,P1V        | 110        | <b>215.5</b> | 23.8        | 2         | 35.3           | 1,586                | 2         |
| Renze          | CX12110HXT/LL/RR     | HXT,RR2        | AVC,C2          | 109        | <b>214.6</b> | 25.3        | 1         | 33.3           | 1,563                | 5         |
| G2 Genetics    | 5H-309 <sup>^</sup>  | HX,RR2         | MQ,R,P1V        | 109        | <b>213.9</b> | 24.3        | 1         | 32.7           | 1,569                | 3         |
| Pfister        | 2660GT               | 3000GT         | AVC,C2          | 110        | <b>213.3</b> | 24.4        | 2         | 34.0           | 1,564                | 4         |
| Channel        | 210-57STX            | STX            | AC,P5V          | 110        | <b>207.9</b> | 23.7        | 1         | 33.3           | 1,531                | 6         |
| Renk           | RK795VT3P            | VT3P           | AC,P2           | 108        | 204.5        | 24.3        | 1         | 34.0           | 1,500                | 10        |
| Producers      | 7014VT3              | VT3            | AC,P5V          | 110        | 204.2        | 23.8        | 1         | 34.7           | 1,503                | 8         |
| Kruger         | K-7810               | VT3P           | AC,P5V          | 110        | 203.9        | 23.5        | 1         | 36.0           | 1,504                | 7         |
| Champion       | 58A13SS              | STX            | AC,P2           | 108        | 201.9        | 22.2        | 1         | 32.0           | 1,502                | 9         |
| LG Seeds       | LG2555VT3            | VT3            | AC,P5V          | 110        | 201.9        | 23.3        | 9         | 34.7           | 1,491                | 12        |
| Wyffels        | W6871                | VT3            | AC,P5V          | 110        | 201.7        | 24.9        | 4         | 34.0           | 1,473                | 15        |
| LG Seeds       | LG2549VT3            | VT3            | AC,P5V          | 109        | 201.3        | 24.2        | 1         | 37.3           | 1,478                | 14        |
| Pfister        | 2574SS               | STX            | AVC,C2          | 110        | 200.3        | 28.6        | 2         | 35.3           | 1,426                | 24        |
| Producers      | 6884VT3Pro           | VT3P           | AC,P5V          | 108        | 199.1        | 20.7        | 5         | 33.3           | 1,496                | 11        |
| Wyffels        | W5787                | VT3P           | AC,P5V          | 108        | 198.6        | 22.0        | 1         | 30.0           | 1,480                | 13        |
| Kruger         | K4R-9710             | STX-R          | AC,P5V          | 110        | 197.5        | 26.1        | 1         | 32.7           | 1,431                | 22        |
| Wyffels        | W6917                | VT3P           | AC,P5V          | 111        | 196.1        | 25.6        | 1         | 34.7           | 1,426                | 25        |
| AgriGold       | A6458VT3             | VT3            | AC,P5V          | 109        | 195.5        | 23.8        | 1         | 36.0           | 1,439                | 19        |
| Great Lakes    | 5939G3VT3            | VT3            | AC,P5V          | 109        | 194.8        | 23.1        | 2         | 32.7           | 1,441                | 17        |
| Stine          | 9529VT3Pro           | VT3P           | AC,P2           | 107        | 194.2        | 22.7        | 1         | 31.3           | 1,440                | 18        |
| Champion       | 60A13VT3Pro          | VT3P           | AC,P2           | 110        | 194.1        | 20.9        | 5         | 34.0           | 1,457                | 16        |
| Stine          | 9728EVT3Pro          | VT3P           | AC,P2           | 109        | 193.7        | 22.9        | 1         | 33.3           | 1,434                | 21        |
| G2 Genetics    | 5Z-008 <sup>^</sup>  | OI,RR2         | MQ,R,P1V        | 108        | 193.3        | 23.0        | 1         | 36.0           | 1,430                | 23        |
| Great Lakes    | 5785VT3PRO           | VT3P           | AC,P5V          | 107        | 193.2        | 22.1        | 5         | 32.0           | 1,438                | 20        |
| Channel        | 209-85VT3P           | VT3P           | AC,P5V          | 109        | 190.7        | 24.2        | 2         | 34.7           | 1,400                | 26        |
| Viking         | 52-11N               | None           | AC,P2           | 110        | 187.2        | 24.4        | 4         | 32.0           | 1,372                | 30        |
| Channel        | 207-13VT3P           | VT3P           | AC,P5V          | 107        | 186.5        | 21.9        | 1         | 35.3           | 1,390                | 27        |
| Champion       | 57A13SS              | STX            | AC,P2           | 107        | 185.2        | 21.6        | 2         | 33.3           | 1,383                | 28        |
| Kruger         | K-7907               | VT3P           | AC,P5V          | 107        | 182.3        | 20.1        | 1         | 32.7           | 1,376                | 29        |
| <b>Pioneer</b> | <b>P0528XR CK</b>    | <b>HXT,RR2</b> | <b>CE,C2</b>    | <b>105</b> | <b>182.3</b> | <b>21.0</b> | <b>2</b>  | <b>35.3</b>    | <b>1,367</b>         | <b>31</b> |
| Test Average = |                      |                |                 |            | <b>189.0</b> | <b>23.2</b> | <b>3</b>  | <b>34.1</b>    | <b>1,396</b>         |           |
| LSD (0.10) =   |                      |                |                 |            | 18.3         | 2.2         | 6         |                |                      |           |
| C.V. =         |                      |                |                 |            | 7.1          | 6.9         |           |                |                      |           |


 F.I.R.S.T. Manager

**TEST COMMENTS:** *Persistent dry weather all season forced cannibalization of stalks as early as late July. Stalk quality was a concern and warranted early harvest but lodging at harvest was not severe. Top performing hybrids required excellent root health and drought stress tolerance to increase kernel depth and test weight on well pollinated ears. Low pest pressures at this site.*

Lat: 42.78876, Long: -95.1656

Yield &amp; Income Factors: Base Moisture = 15.0% Shrink = 1.4 Drying = \$0.050 Price = \$7.80

 † See last page for Product/Brand, Technology and Seed Treatment information.  
 → 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, **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 Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPMMaxx® brand seed is distributed by AgVenture, Inc. XL® and Phoenix® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMMaxx® and XL® are registered trademarks of DuPont Pioneer.

### Technologies

|          |  |
|----------|--|
| 3111     | Agrisure® Viptera™ 3111                |
| 3122     | Agrisure® 3122                         |
| 4011     | Agrisure® 4011                         |
| 3000GT   | Agrisure® 3000GT                       |
| AM1      | Optimum® AcreMax® 1                    |
| AMX      | Optimum® AcreMax® Xtra                 |
| CB/LL    | Agrisure® CB/LL                        |
| CB/LL/RW | Agrisure® CB/LL/RW                     |
| Conv     | Conventional, non-GMO                  |
| GT       | Agrisure® GT                           |
| GT/CB/LL | Agrisure® GT/CB/LL                     |
| HX       | HERCULEX® I Insect Protection          |
| HXT      | HERCULEX® XTRA Insect Protection       |
| LL       | LibertyLink®                           |
| OI       | Optimum® Intrasect™                    |
| RR       | Roundup Ready® Soybeans                |
| RR2      | Roundup Ready® Corn 2                  |
| RR2Y     | Genuity® Roundup Ready 2 Yield®        |
| STS      | STS® - sulfonylurea tolerant soybeans  |
| STX      | SmartStax®                             |
| STX-R    | SmartStax® Refuge Corn Blend           |
| VT2P     | Genuity® VT Double PRO®                |
| VT2P-R   | Genuity® VT Double PRO® RIB Corn Blend |
| VT3      | YieldGard VT Triple®                   |
| VT3P     | Genuity® VT Triple PRO®                |
| VT3P-R   | Genuity® VT Triple PRO® RIB Corn Blend |

### Seed Treatments

|            |   |
|------------|---|
| A          | Allegiance®                               |
| Ac         | Acceleron® Products                       |
| Am         | ApronMaxx®                                |
| Ap         | Apron XL®                                 |
| Avc        | Avicta® Complete Corn                     |
| C2, C5, C1 | Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed |
| Ce         | Cruiser® Extreme                          |
| CMB        | CruiserMaxx® Beans                        |
| D          | Dynasty®                                  |
| Es         | Escalate®                                 |
| Ex         | Excalibre™                                |
| G          | Gaucho®                                   |
| I          | Inovate™ System                           |
| Mq         | Maxim® Quattro                            |
| Mx         | Maxim® XL                                 |
| None       | untreated                                 |
| O          | Optimize®                                 |
| P2, P5, P1 | Poncho® at 0.25, 0.5 and 1.25 mg ai/seed  |
| Pr         | Protinus™                                 |
| R          | Raxil®                                    |
| Rc         | Rancona®                                  |
| S          | Stamina®                                  |
| SDPI       | Servo™ DPI                                |
| SS+        | SoyShield™ Plus                           |
| SStd       | SureStand™                                |
| T          | Trilex®                                   |
| T2         | Trilex® 2000                              |
| T6         | Trilex® 6000                              |
| Th         | thiabendazole                             |
| V          | VOTIVO®                                   |
| Z          | zinc                                      |

### Trademarks

- Excalibre™ is a trademark of Advanced Biological Marketing
- Allegiance®, Gaucho®, LibertyLink®, Poncho®, Raxil®, Trilex®, and VOTIVO™ are trademarks of Bayer AG.
- Stamina® is a trademark of BASF
- Escalate® is a trademark of Beck's Superior Hybrids, Inc.
- Rancona® is a trademark of Chemtura Corporation.
- Herculex® is a trademark of Dow AgroSciences LLC.
- STS® is a trademark of E.I. DuPont Nemours & Co.
- Optimize® is a trademark of EMD Crop BioScience Inc.
- SoyShield™ Plus is a trademark of Latham Hi-Tech Seeds
- Acceleron®, Genuity®, Roundup Ready®, Roundup Ready 2 Yield®, SmartStax®, VT Double PRO®, VT Triple PRO®, and YieldGard VT Triple® are trademarks of Monsanto Technology LLC.
- Servo DPI™ is a trademark of Ohlde Seed.
- AcreMax®, Intrasect™ and Optimum® are trademarks of Pioneer Hi-Bred.
- SureStand™ is a trademark of Steyer Seeds.
- Agrisure®, ApronMaxx®, ApronXL®, Avicta®, Cruiser®, CruiserMaxx®, Dynasty®, Maxim® and Viptera™ are trademarks of a Syngenta Group Company.
- Inovate™ System is a trademark of Valent
- Protinus™ is a trademark of Wolf Trax, Inc.