


2012 BETTER HYBRIDS Harvest Report for Minnesota Southwest [MNSW]

Brian Hicks, Lyon County, MN 56175 [TRACY]

EARLY SEASON TEST
97 - 102 Day CRM

PREV. CROP/HERB: Corn / Harness, Roundup PowerMax, Callisto B2MNSW07a
 SOIL DESCRIPTION: Canisteo-Letri silty clay loam, well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITION: High P, high K, 6.2 pH, 5.7% OM
 PEST MANAGEMENT: Force, Steadfast, Callisto 30" ROW SPACING
 FERTILITY - Applied N: 190 Spring
 Applied N-P-K (units): 190-25-85
 SEEDED - RATE: May 4 35,000 /A TOP 30 OF 72 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Sep 20 23,900 /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 |
|----------------|----------------|-----------|-----------------|-----|------------|------------|-----------|----------------|----------------------|------|
| G2 Genetics | 5X-0004^ | HXT,RR2 | MQ,R,P1V | 100 | 206.6 | 19.5 | 0 | 24.2 | 1,526 | 1 |
| LG Seeds | LG5499VT3Pro | VT3P | AC,P5V | 100 | 203.3 | 17.3 | 0 | 20.8 | 1,513 | 2 |
| G2 Genetics | 5H-202^ | HX,RR2 | MQ,R,P1V | 102 | 197.7 | 18.4 | 4 | 25.1 | 1,466 | 4 |
| Wensman | W 7290VT3PRO | VT3P | AC,P5V | 99 | 197.1 | 16.7 | 0 | 26.1 | 1,470 | 3 |
| Wensman | W 9288VT3PRO | VT3P | AC,P5V | 98 | 195.1 | 17.9 | 0 | 26.6 | 1,449 | 5 |
| Viking | C94-01R | VT3P | AC,P2 | 101 | 193.9 | 17.6 | 0 | 25.7 | 1,442 | 6 |
| Producers | XP6104VT3Pro | VT3P | AC,P5V | 101 | 192.6 | 16.3 | 0 | 27.6 | 1,438 | 7 |
| Wensman | W 9325VT3PRO | VT3P | AC,P5V | 102 | 190.6 | 17.9 | 0 | 25.6 | 1,416 | 8 |
| G2 Genetics | 5Z-802^ | OI,RR2 | MQ,R,P1V | 102 | 187.4 | 17.8 | 0 | 24.7 | 1,392 | 9 |
| Wyffels | W2277 | VT3P | AC,P5V | 100 | 184.8 | 17.4 | 0 | 22.7 | 1,375 | 10 |
| Channel | 200-91VT3P | VT3P | AC,P5V | 100 | 182.7 | 19.2 | 0 | 21.8 | 1,351 | 11 |
| Trelay | 5VP925 | VT3P | AC,P5V | 100 | 180.4 | 16.6 | 0 | 22.7 | 1,346 | 12 |
| Prairie Brand | 1022RR | RR2 | AC,P2 | 102 | 179.4 | 16.5 | 0 | 23.7 | 1,337 | 13 |
| Kruger | K-6201VT3 | VT3P | AC,P5V | 101 | 178.6 | 21.0 | 0 | 21.3 | 1,313 | 15 |
| Renk | RK585VT3P | VT3P | AC,P2 | 97 | 177.3 | 15.6 | 0 | 24.7 | 1,327 | 14 |
| Channel | 202-25VT3P | VT3P | AC,P5V | 102 | 176.6 | 18.3 | 0 | 25.6 | 1,310 | 18 |
| Gold Country | 99-04GENVT3P | VT3P | AC,P5V | 99 | 175.8 | 17.0 | 0 | 30.5 | 1,310 | 19 |
| Kruger | K-7400 | VT3P | AC,P5V | 100 | 175.6 | 16.4 | 0 | 22.7 | 1,311 | 16 |
| Wyffels | W1787 | VT3P | AC,P5V | 97 | 174.6 | 16.5 | 0 | 27.6 | 1,303 | 20 |
| Terning | TS8396-3111 | 3111 | MQ,C2 | 98 | 173.4 | 17.2 | 0 | 23.2 | 1,291 | 21 |
| Gold Country | 100-95GENVT3P | VT3P | AC,P5V | 100 | 172.7 | 16.5 | 0 | 24.2 | 1,289 | 22 |
| Producers | 6044VT3Pro | VT3P | AC,P5V | 102 | 171.2 | 16.3 | 0 | 24.7 | 1,278 | 23 |
| Renk | RK635VT3P | VT3P | AC,P2 | 102 | 170.3 | 17.8 | 0 | 22.7 | 1,265 | 28 |
| Pfister | 2225RR | RR2 | AC,P2 | 101 | 170.0 | 17.0 | 1 | 28.1 | 1,267 | 27 |
| Enestvedt | E671VT3Pro | VT3P | MQ,C2 | 101 | 169.8 | 16.3 | 1 | 21.8 | 1,268 | 26 |
| NuTech | 5N-798 | 3000GT | MX,C2 | 98 | 169.7 | 15.8 | 0 | 22.2 | 1,269 | 25 |
| LG Seeds | LG2468VT3 | VT3 | AC,P5V | 97 | 169.5 | 15.4 | 0 | 24.2 | 1,270 | 24 |
| Prairie Brand | 981VT3 | VT3 | AVC,C2 | 99 | 168.4 | 16.8 | 1 | 29.0 | 1,255 | 30 |
| Pfister | 1821SS | STX | AVC,C2 | 100 | 167.8 | 15.3 | 0 | 28.0 | 1,257 | 29 |
| Dekalb | DKC50-66 GC | VT3 | AC,P2 | 100 | 167.7 | 15.7 | 0 | 24.2 | 1,255 | 31 |
| Dekalb | DKC52-59 CK | VT3 | AC,P2 | 102 | 177.1 | 19.0 | 0 | 25.2 | 1,311 | 17 |
| Test Average = | | | | | 166.8 | 17.1 | 0 | 23.9 | 1,242 | |
| LSD (0.10) = | | | | | 35.8 | 1.9 | 2 | | | |
| C.V. = | | | | | 15.9 | 8.1 | | | | |


 F.I.R.S.T. Manager

TEST COMMENTS: This corn-on-corn site received 5" of rain immediately after planting, causing severe variability in seedling emergence. Stand counts did improve by mid-June, but dry weather as summer wore on prevented this site from recovering from the early stress. Plant health was deteriorating, but no lodging at harvest. Early test rejected due to highly variable stand and yield. Lat: 44.332039, Long: -95.544286

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$7.50

† 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

2012 BETTER HYBRIDS Harvest Report for Minnesota Southwest [MNSW]

Brian Hicks, Lyon County, MN 56175 [TRACY]

FULL SEASON TEST
103 - 106 Day CRM

B2MNSW07b

PREV. CROP/HERB: Corn / Harness, Roundup PowerMax, Callisto
 SOIL DESCRIPTION: Canisteo-Letri silty clay loam, well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.2 pH, 5.7% OM
 PEST MANAGEMENT: Force, Steadfast, Callisto
 FERTILITY - Applied N: 190 Spring
 Applied N-P-K (units): 190-25-85

30" ROW SPACING

SEEDED - RATE: May 4 35,000 /A
 HARVESTED - STAND: Sep 20 28,300 /A

TOP 30 OF 42 FOR GROSS INCOME (SORTED BY YIELD)

AVERAGE of (2) REPLICATIONS

| Company/Brand | Product/Brand† | Technol.† | Seed Treatment† | RM | Yield Bu/A | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|----------------|--------------------|------------|-----------------|------------|--------------|-------------|-----------|----------------|----------------------|-----------|
| Producers | 6624VT3Pro | VT3P | AC,P5V | 106 | 237.9 | 19.9 | 0 | 30.5 | 1,755 | 1 |
| Kruger | K-7306 | VT3P | AC,P5V | 106 | 231.1 | 19.3 | 0 | 29.1 | 1,708 | 2 |
| Mustang | 6204 | VT3P | AC,P2 | 104 | 228.7 | 20.0 | 0 | 29.8 | 1,687 | 3 |
| Channel | 203-43VT3P | VT3P | AC,P5V | 103 | 227.6 | 20.3 | 0 | 26.9 | 1,677 | 4 |
| G2 Genetics | 5H-806^ | HX,RR2 | MQ,R,P1V | 106 | 224.7 | 18.3 | 0 | 30.5 | 1,667 | 5 |
| G2 Genetics | 5H-0504^ | HX,RR2 | MQ,R,P1V | 105 | 223.5 | 20.6 | 0 | 28.3 | 1,645 | 6 |
| Kruger | K4R-9205 | STX-R | AC,P5V | 105 | 218.9 | 22.4 | 0 | 26.9 | 1,601 | 9 |
| Wensman | W 7330VT3 | VT3 | AC,P5V | 103 | 218.7 | 17.7 | 0 | 26.9 | 1,626 | 7 |
| LG Seeds | LG5522VT3Pro | VT3P | AC,P5V | 103 | 217.8 | 20.3 | 0 | 28.3 | 1,605 | 8 |
| Channel | 202-32STX | STX | AC,P5V | 104 | 217.6 | 22.4 | 0 | 26.9 | 1,592 | 10 |
| Titan Pro | X2M04 | VT3P | AC,P2 | 104 | 215.7 | 20.4 | 0 | 32.7 | 1,589 | 11 |
| Wyffels | W3007 | VT3P | AC,P5V | 103 | 214.8 | 19.8 | 0 | 32.7 | 1,585 | 12 |
| Mustang | 6460 | 3000GT | AC,P2 | 103 | 213.5 | 20.5 | 0 | 25.4 | 1,572 | 13 |
| Renk | RK752SSTX | STX | AC,P2 | 106 | 212.7 | 24.8 | 0 | 29.1 | 1,543 | 19 |
| Channel | 204-06VT3P | VT3P | AC,P5V | 104 | 212.1 | 18.7 | 0 | 26.9 | 1,571 | 14 |
| CBseed | CB5358GT3000 | 3000GT | CE,C2 | 103 | 211.4 | 18.7 | 0 | 25.4 | 1,566 | 15 |
| Viking | Y54-04RL | 3000GT | MQ,C2 | 104 | 211.4 | 21.3 | 0 | 27.6 | 1,552 | 18 |
| Renze | 2222-3000GT | 3000GT | CE,C2 | 104 | 210.2 | 19.3 | 0 | 29.0 | 1,554 | 16 |
| Dekalb | DKC53-78RIB GC | STX-R | AC,P2 | 103 | 209.6 | 18.5 | 0 | 28.3 | 1,554 | 17 |
| Pioneer | P0533AM1 GC | AM1,RR2 | MQ,C2 | 105 | 209.6 | 20.9 | 0 | 26.1 | 1,541 | 20 |
| Trelay | 6ST576RIB | STX-R | AC,P5V | 104 | 209.1 | 22.8 | 0 | 29.1 | 1,528 | 22 |
| Dekalb | DKC52-04 GC | VT3P | AC,P2 | 102 | 207.0 | 20.7 | 1 | 29.1 | 1,523 | 23 |
| Kruger | KR-4104 | VT2P-R | AC,P5V | 104 | 206.4 | 18.4 | 2 | 29.8 | 1,531 | 21 |
| Wyffels | W4797 | VT3P | AC,P5V | 106 | 206.2 | 19.7 | 0 | 29.0 | 1,522 | 24 |
| Renze | CX22104-3000GT | 3000GT | CE,C2 | 104 | 201.7 | 19.5 | 0 | 29.8 | 1,490 | 25 |
| Titan Pro | 1M05-SS | STX | AC,P2 | 105 | 201.3 | 24.5 | 0 | 26.9 | 1,462 | 29 |
| NuTech | 5B-604 | GT/CB/LL | MQ,R,C2 | 104 | 199.3 | 20.9 | 0 | 28.3 | 1,465 | 27 |
| Dairyland | DS6903 | RR2 | AVC,C2 | 103 | 197.9 | 20.8 | 1 | 24.0 | 1,456 | 31 |
| Terning | TS8336GT | GT | CE,C2 | 103 | 197.2 | 18.4 | 0 | 30.5 | 1,462 | 28 |
| Wyffels | W4267 | VT3P | AC,P5V | 105 | 196.8 | 18.1 | 0 | 26.9 | 1,461 | 30 |
| Dekalb | DKC52-59 CK | VT3 | AC,P2 | 102 | 199.1 | 18.5 | 0 | 25.4 | 1,476 | 26 |
| Test Average = | | | | | 204.6 | 20.3 | 0 | 28.3 | 1,507 | |
| LSD (0.10) = | | | | | 25.6 | 1.6 | 1 | | | |
| C.V. = | | | | | 7.5 | 4.8 | | | | |



F.I.R.S.T. Manager

TEST COMMENTS: *This corn-on-corn site received 5" of rain immediately after planting, causing severe variability in seedling emergence. Stand counts did improve by mid-June, but dry weather as summer wore on prevented this site from recovering from the early stress. Plant health was deteriorating, but no lodging at harvest. Early test rejected due to highly variable stand and yield.* Lat: 44.332039, Long: -95.544286

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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 | Accelaron® 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

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