

2010 BETTER HYBRIDS Harvest Report for Minnesota South East [MNSE]
EARLY SEASON TEST

Brian Herbst, Dodge County, MN 55944 [KASSON]

95 - 100 Day CRM

PREV. CROP/HERB: Soybean / Roundup, Status B0MNSE13a
 SOIL DESCRIPTION: Readlyn silt loam, well drained, minimum w/o fall till, non-irrigated
 SOIL CONDITIONS: High P, mod. High K, 7.1 pH, 3.8% OM
 PEST MANAGEMENT: Force, Harness, Roundup, Callisto 30" ROW SPACING
 FERTILITY - Applied N: 178 Spring,
 Applied N-P-K (units): 178-0-110
 SEEDED - RATE: Apr 22 36,500 /A **TOP 30 OF 63 FOR GROSS INCOME (SORTED BY YIELD)**
 HARVESTED - STAND: Oct 12 35,240 /A AVERAGE of (3) REPLICATIONS

| Company | Brand | Technology [†] | IST ^{††} | Yield Bu/A | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|----------------|--------------------|-------------------------|-------------------|---------------|---------------|--------------|-------------------|-------------------------|----------|
| Wensman | W7273VT3 | VT3 | P250 | 249.4 | 16.7 | 0.0 | 35.8 | \$1,284.2 | 1 |
| Channel | 196-06VT3 | VT3 | P250 | 246.8 | 16.7 | 0.0 | 36.8 | \$1,270.8 | 2 |
| Jung | 7475VT3 | VT3 | P250 | 239.1 | 17.2 | 0.0 | 36.8 | \$1,224.1 | 10 |
| Kruger | K-6399VT3 | VT3 | P250 | 239.0 | 17.0 | 0.0 | 36.3 | \$1,226.1 | 8 |
| Producers | 5784VT3 | VT3 | P250 | 238.9 | 15.7 | 0.0 | 35.3 | \$1,244.2 | 3 |
| AgriGold | A6220VT3Pro | VT3P | P250 | 238.8 | 15.7 | 0.0 | 35.8 | \$1,244.0 | 4 |
| NuTech | 5N-197 | 3000GT | C250 | 237.2 | 17.9 | 0.0 | 32.4 | \$1,204.5 | 22 |
| NuTech | G2 5H-999A* | HX,RR2 | C250 | 237.1 | 16.2 | 0.0 | 34.4 | \$1,227.1 | 7 |
| Titan Pro | 89A98GL | 3000GT | C250 | 236.1 | 16.6 | 0.0 | 36.3 | \$1,217.0 | 13 |
| Channel | 199-55VT3 | VT3 | P250 | 236.0 | 17.8 | 1.3 | 35.3 | \$1,199.6 | 25 |
| Gold Country | 100-07 | VT3 | P250 | 235.9 | 16.1 | 0.0 | 35.3 | \$1,223.3 | 11 |
| Renk | RK559VT3P | VT3P | P250 | 235.9 | 16.8 | 0.0 | 36.3 | \$1,213.3 | 14 |
| Stine | 9421RR | RR2 | P250 | 235.9 | 17.3 | 0.0 | 36.3 | \$1,206.2 | 19 |
| Stine | 9417VT3 | VT3 | P250 | 235.7 | 16.9 | 0.0 | 34.4 | \$1,209.9 | 16 |
| Renk | RK580VT3 | VT3 | P250 | 235.4 | 16.3 | 0.0 | 35.8 | \$1,218.2 | 12 |
| Jung | 7452VT3 | VT3 | P250 | 235.4 | 16.9 | 0.0 | 35.8 | \$1,208.5 | 17 |
| AgriGold | A6225VT3 | VT3 | P250 | 235.0 | 16.6 | 0.0 | 35.8 | \$1,210.7 | 15 |
| Titan Pro | 9094GL | CB/LL/RW | C250 | 235.0 | 15.6 | 0.0 | 32.9 | \$1,225.2 | 9 |
| Producers | 5804VT3Pro | VT3P | P250 | 234.7 | 15.4 | 0.0 | 36.3 | \$1,227.1 | 6 |
| Trelay | 5ST259 | SS | P250 | 233.2 | 17.9 | 0.0 | 35.8 | \$1,184.2 | 29 |
| LG Seeds | LG2469VT3 | VT3 | P250 | 232.6 | 16.5 | 0.0 | 35.8 | \$1,200.5 | 24 |
| Dekalb | DKC48-37 GC | VT3 | P250 | 232.4 | 16.2 | 0.0 | 34.4 | \$1,203.2 | 23 |
| Kruger | K-7495 | VT3P | P250 | 232.3 | 16.0 | 0.0 | 36.3 | \$1,205.4 | 21 |
| NuTech | 3T-401 | VT3 | C250 | 231.8 | 16.9 | 0.0 | 37.3 | \$1,190.6 | 26 |
| Wensman | W7270VT3Pro | VT3P | P250 | 231.5 | 15.6 | 0.0 | 37.3 | \$1,207.6 | 18 |
| Channel | 197-14VT3 | VT3 | P250 | 230.7 | 17.3 | 0.0 | 32.4 | \$1,179.1 | 31 |
| LG Seeds | LG2498VT3 | VT3 | P250 | 229.4 | 14.9 | 0.0 | 34.8 | \$1,205.5 | 20 |
| Mustang | 4367VT3 | VT3 | P250 | 227.7 | 15.6 | 0.0 | 35.3 | \$1,187.1 | 27 |
| LG Seeds | LG2478VT3Pro | VT3P | P250 | 227.5 | 15.6 | 0.0 | 34.8 | \$1,186.2 | 28 |
| Anderson | 628VT3 | VT3 | C250 | 226.6 | 15.6 | 0.0 | 36.8 | \$1,181.7 | 30 |
| Dekalb | DKC50-66 CK | VT3 | P250 | 236.7 | 16.0 | 0.0 | 35.3 | \$1,228.5 | 5 |
| Test Average = | | | | 224.8 | 16.6 | 0.0 | 35.2 | \$1,158.8 | |
| LSD (0.10) = | | | | 11.6 | 0.5 | 0.4 | | | |
| C.V. = | | | | 3.8 | 2.2 | | | | |

TEST COMMENTS: *This was an excellent looking plot site. Growing conditions were very good all season, with above average rainfall from June through September. Plant health was good, although some feeding from earworm was evident at harvest. Stalks stood well here. Brian states that he has seen some lodging in his fields.*

Lat: N44.02052, Long: W92.7225

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.4 Drying = \$0.060 Price = \$5.25

[†] **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: 10/15/2010

Revised:

2010 BETTER HYBRIDS Harvest Report for Minnesota South East [MNSE]
FULL SEASON TEST

Brian Herbst, Dodge County, MN 55944 [KASSON]

101 - 104 Day CRM

PREV. CROP/HERB: Soybean / Roundup, Status

BOMNSE13b

SOIL DESCRIPTION: Readlyn silt loam, well drained, minimum w/o fall till, non-irrigated

SOIL CONDITIONS: High P, mod. High K, 7.1 pH, 3.8% OM

PEST MANAGEMENT: Force, Harness, Roundup, Callisto

30" ROW SPACING

FERTILITY - Applied N: 178 Spring,

Applied N-P-K (units): 178-0-110

SEEDED - RATE: Apr 22 36,500 /A

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

HARVESTED - STAND: Oct 12 34,100 /A

AVERAGE of (3) REPLICATIONS

| Company | Brand | Technology [†] | IST ^{††} | Yield Bu/A | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|-----------------|-------------|-------------------------|-------------------|---------------|---------------|--------------|-------------------|-------------------------|------|
| Kruger | K-6201VT3 | VT3 | P250 | 251.1 | 18.9 | 0.3 | 34.8 | \$1,259.5 | 1 |
| Gold Country | 103-09 | VT3 | P250 | 244.8 | 19.6 | 0.0 | 29.0 | \$1,217.6 | 5 |
| Channel | 201-16VT3 | VT3 | P250 | 241.7 | 18.0 | 0.0 | 35.8 | \$1,225.4 | 3 |
| Trelay | 6ST576 | SS | P250 | 241.3 | 20.2 | 0.3 | 36.8 | \$1,191.5 | 9 |
| Kruger | K-6102VT3 | VT3 | C250 | 241.1 | 18.0 | 0.0 | 34.3 | \$1,222.4 | 4 |
| Renk | RK682VT3 | VT3 | P250 | 239.1 | 20.7 | 1.3 | 33.8 | \$1,173.5 | 19 |
| Fielders Choice | NG6510 | VT3 | P250 | 238.7 | 16.8 | 0.0 | 34.3 | \$1,227.4 | 2 |
| AgriGold | A6276VT3 | VT3 | P250 | 238.5 | 17.8 | 0.0 | 34.8 | \$1,212.1 | 7 |
| Jung | 7610VT3 | VT3P | P250 | 238.5 | 20.9 | 0.0 | 32.4 | \$1,167.7 | 22 |
| Jung | 7S555 | SS | P250 | 238.2 | 20.1 | 0.0 | 33.9 | \$1,177.7 | 16 |
| NuTech | 3T-401A | VT3 | C250 | 237.8 | 17.4 | 0.0 | 34.8 | \$1,214.2 | 6 |
| NuTech | G2 5H-502^ | HX,RR2 | C250 | 236.4 | 19.1 | 0.0 | 34.8 | \$1,182.9 | 14 |
| Jung | 7520VT3 | VT3 | P250 | 235.4 | 19.2 | 0.0 | 29.5 | \$1,176.5 | 18 |
| LG Seeds | LG2525RR2 | RR2 | P250 | 235.2 | 20.3 | 0.0 | 35.3 | \$1,160.0 | 26 |
| Fielders Choice | NG6646 | VT3 | P250 | 234.7 | 18.7 | 0.0 | 36.3 | \$1,180.1 | 15 |
| Fielders Choice | NG6583 | VT3 | P250 | 234.3 | 19.2 | 0.0 | 34.8 | \$1,171.0 | 21 |
| Renk | RK698VT3 | VT3 | P250 | 233.5 | 17.7 | 0.0 | 33.9 | \$1,188.0 | 10 |
| Trelay | 5VP688 | VT3P | P250 | 232.6 | 16.2 | 0.0 | 32.4 | \$1,204.4 | 8 |
| NuTech | G2 5H-501^ | HX,RR2 | C250 | 232.6 | 18.2 | 0.0 | 35.8 | \$1,176.5 | 17 |
| Producers | 6364GT3 | 3000GT | C250 | 232.5 | 18.4 | 0.0 | 36.3 | \$1,173.2 | 20 |
| Viking | 6919VT3 | VT3 | C250 | 232.4 | 19.9 | 0.0 | 35.3 | \$1,151.8 | 30 |
| Gold Country | 102-05 | VT3 | P250 | 232.2 | 17.3 | 0.0 | 36.3 | \$1,187.0 | 12 |
| Wensman | W6307RR | RR2 | P250 | 231.5 | 18.8 | 0.0 | 35.8 | \$1,162.6 | 23 |
| AgriGold | A6323GT3 | 3000GT | C250 | 231.3 | 19.0 | 0.3 | 35.3 | \$1,158.8 | 27 |
| Fielders Choice | NG6546 | VT3 | P250 | 230.7 | 16.8 | 0.0 | 32.9 | \$1,186.3 | 13 |
| Gold Country | 101-01 | VT3 | P250 | 230.2 | 18.5 | 0.0 | 36.3 | \$1,160.2 | 25 |
| Trelay | 6VT154 | VT3 | P250 | 229.9 | 18.7 | 0.0 | 29.0 | \$1,155.9 | 28 |
| Kruger | K-7302 | VT3P | P250 | 229.4 | 18.1 | 0.0 | 35.3 | \$1,161.7 | 24 |
| Viking | Y54-04RL | 3000GT | C250 | 228.4 | 19.0 | 0.0 | 33.9 | \$1,144.3 | 31 |
| NuTech | 5N-803 | 3000GT | C250 | 228.2 | 18.2 | 2.7 | 34.3 | \$1,154.2 | 29 |
| Dekalb | DKC50-66 CK | VT3 | P250 | 230.4 | 16.6 | 0.0 | 34.8 | \$1,187.5 | 11 |
| Test Average = | | | | 228.9 | 18.9 | 0.1 | 34.1 | \$1,147.4 | |
| LSD (0.10) = | | | | 10.2 | 0.6 | 0.7 | | | |
| C.V. = | | | | 3.3 | 2.4 | | | | |

TEST COMMENTS: *This was an excellent looking plot site. Growing conditions were very good all season, with above average rainfall from June through September. Plant health was good, although some feeding from earworm was evident at harvest. Stalks stood well here. Brian states that he has seen some lodging in his fields.*

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 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

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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 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 [™] |

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- LibertyLink[®], Poncho[®], Trilex[®], and Votivo[™] are trademarks of Bayer.
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- Optimize[®] is a trademark of EMD Crop BioScience Inc.
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