


**2012 BETTER HYBRIDS Performance Summary for Minnesota Southeast [ MNSE ]**  
**EARLY SEASON TEST 95 - 100 Day CRM**
**TOP 30 OF 72 FOR GROSS INCOME (SORTED BY YIELD)**  
 AVERAGE of (18) REPLICATIONS

| Company/Brand  | Product/Brand† | Technol.† | Seed Trmt.† | RM  | Yield Bu/A   | Moist %     | Lodging % | Gross Income \$/A | Rank | Cannon Falls | Dexter       | Eyota        | Kasson       | Madison Lake | New Richland |
|----------------|----------------|-----------|-------------|-----|--------------|-------------|-----------|-------------------|------|--------------|--------------|--------------|--------------|--------------|--------------|
| LG Seeds       | LG5499VT3Pro   | VT3P      | AC,P5V      | 100 | <b>228.8</b> | 16.1        | 4         | 1,710             | 1    | <b>231.8</b> | <b>243.5</b> | 241.2        | <b>237.9</b> | <b>203.5</b> | 215.0        |
| Producers      | XP5894VT3Pro   | VT3P      | AC,P5V      | 98  | <b>224.6</b> | 15.3        | 1         | 1,683             | 2    | <b>222.7</b> | <b>235.5</b> | 241.4        | 213.4        | <b>211.8</b> | <b>222.6</b> |
| Wensman        | W 9288VT3PRO   | VT3P      | AC,P5V      | 98  | <b>224.6</b> | 15.5        | 0         | 1,682             | 3    | <b>220.0</b> | <b>233.3</b> | <b>249.5</b> | 233.9        | 189.5        | <b>221.6</b> |
| G2 Genetics    | 5X-0004^       | HXT,RR2   | MQ,R,P1V    | 100 | <b>222.5</b> | 16.9        | 0         | 1,658             | 6    | <b>223.0</b> | 226.3        | 230.3        | <b>242.4</b> | 190.5        | <b>222.7</b> |
| LG Seeds       | LG5444VT3Pro   | VT3P      | AC,P5V      | 96  | <b>222.3</b> | 15.0        | 0         | 1,667             | 4    | 205.0        | <b>236.4</b> | <b>242.9</b> | <b>245.1</b> | 189.6        | 214.9        |
| LG Seeds       | LG5470VT3Pro   | VT3P      | AC,P5V      | 98  | <b>221.8</b> | 15.4        | 6         | 1,661             | 5    | <b>229.1</b> | <b>237.6</b> | <b>242.2</b> | 212.3        | 196.0        | 213.8        |
| G2 Genetics    | 5H-399^        | HX,RR2    | MQ,R,P1V    | 99  | <b>221.3</b> | 15.5        | 1         | 1,657             | 7    | 213.0        | <b>234.8</b> | <b>257.4</b> | 213.7        | 187.3        | <b>221.4</b> |
| AgriGold       | A6252VT3Pro    | VT3P      | AC,P5V      | 100 | <b>220.4</b> | 15.5        | 1         | 1,650             | 8    | 203.9        | <b>233.0</b> | 235.5        | 229.7        | <b>201.6</b> | 218.5        |
| Renk           | RK568VT3P      | VT3P      | AC,P2       | 95  | <b>219.8</b> | 15.3        | 0         | 1,647             | 9    | 196.5        | <b>234.8</b> | 235.4        | <b>236.1</b> | <b>200.6</b> | 215.4        |
| Channel        | 197-67VT3P     | VT3P      | AC,P5V      | 97  | <b>219.4</b> | 15.6        | 1         | 1,642             | 10   | 211.1        | <b>231.2</b> | 239.3        | 227.3        | 188.2        | 219.5        |
| Channel        | 200-91VT3P     | VT3P      | AC,P5V      | 100 | 218.1        | 16.5        | 0         | 1,628             | 11   | <b>222.7</b> | <b>238.2</b> | 232.2        | 226.6        | 185.2        | 203.8        |
| Stine          | 9422VT3Pro     | VT3P      | AC,P2       | 96  | 216.9        | 14.9        | 0         | 1,627             | 12   | <b>222.5</b> | 228.5        | 235.8        | 221.8        | 190.1        | 202.4        |
| Wensman        | W 7290VT3PRO   | VT3P      | AC,P5V      | 99  | 216.8        | 15.4        | 4         | 1,624             | 13   | 216.9        | <b>231.8</b> | 230.4        | 212.9        | 188.7        | <b>220.2</b> |
| Mustang        | 5808           | STX       | AC,P2       | 98  | 216.7        | 16.0        | 2         | 1,620             | 14   | 216.9        | 223.7        | 240.2        | 214.4        | 192.7        | 212.4        |
| Prairie Brand  | 981VT3         | VT3       | AVC,C2      | 99  | 216.1        | 15.6        | 3         | 1,618             | 15   | <b>224.5</b> | 227.1        | <b>243.1</b> | 215.0        | 174.8        | 212.1        |
| Producers      | 5514VT3Pro     | VT3P      | AC,P5V      | 95  | 215.0        | 14.9        | 0         | 1,613             | 16   | 212.6        | 228.5        | 233.7        | 227.5        | 179.8        | 207.8        |
| Renk           | RK598VT3P      | VT3P      | AC,P2       | 100 | 214.9        | 15.0        | 1         | 1,612             | 17   | 214.1        | 224.9        | 227.6        | 228.9        | 185.6        | 208.1        |
| Channel        | 196-76VT3P     | VT3P      | AC,P5V      | 96  | 214.7        | 15.2        | 0         | 1,609             | 18   | 196.2        | <b>230.0</b> | 231.0        | 213.5        | <b>207.5</b> | 209.9        |
| Pioneer        | P9917AM1 GC    | AM1,RR2   | MQ,C2       | 99  | 214.6        | 16.0        | 9         | 1,604             | 20   | 202.7        | 220.1        | 220.9        | 231.9        | <b>202.4</b> | 209.8        |
| Viking         | D71-01RL       | STX       | AC,P2       | 100 | 214.2        | 15.2        | 2         | 1,605             | 19   | 213.8        | 222.5        | 228.2        | 224.7        | 186.9        | 209.2        |
| Dekalb         | DKC46-20 GC    | VT3P      | AC,P2       | 96  | 213.8        | 15.0        | 0         | 1,604             | 21   | 216.4        | 216.0        | 230.7        | 222.2        | 182.5        | 215.2        |
| Kruger         | K-7195         | VT3P      | AC,P5V      | 95  | 213.1        | 14.8        | 4         | 1,598             | 22   | 220.8        | 228.2        | 227.9        | 199.6        | 194.1        | 207.7        |
| Jung           | 7V499          | VT3P      | AC,P5V      | 99  | 213.1        | 15.2        | 2         | 1,597             | 23   | 198.8        | 218.8        | 239.0        | 215.8        | <b>201.8</b> | 204.1        |
| Dyna-Gro       | D39VP14        | VT3P      | AC,P5V      | 99  | 213.1        | 16.0        | 0         | 1,593             | 24   | 198.2        | 226.9        | 233.8        | 220.0        | 176.5        | <b>223.1</b> |
| Titan Pro      | X2M95          | VT3P      | AC,P5V      | 95  | 212.6        | 15.3        | 1         | 1,593             | 25   | 200.7        | 223.5        | 234.8        | 224.7        | 178.2        | 213.5        |
| Gold Country   | 95-33GENVT3P   | VT3P      | AC,P5V      | 95  | 212.2        | 14.8        | 0         | 1,592             | 26   | 215.7        | 220.8        | 227.2        | 221.4        | 181.9        | 206.2        |
| AgriGold       | A6203VT3       | VT3       | AC,P5V      | 97  | 211.8        | 15.1        | 0         | 1,588             | 27   | 190.2        | 221.3        | 234.2        | 221.5        | 196.7        | 206.9        |
| Viking         | Y84-00RL       | 3000GT    | MQ,C2       | 100 | 211.6        | 15.6        | 6         | 1,584             | 31   | 217.7        | <b>230.4</b> | 225.0        | 216.9        | 162.7        | 216.7        |
| Titan Pro      | X2M00          | VT3P      | AC,P2       | 100 | 211.5        | 15.1        | 1         | 1,586             | 28   | 199.6        | <b>230.3</b> | 234.0        | 221.9        | 171.7        | 211.2        |
| Dyna-Gro       | D37VP71        | VT3P      | AC,P2       | 97  | 211.3        | 15.1        | 1         | 1,584             | 30   | 219.7        | 221.5        | 223.4        | 213.9        | 178.8        | 210.7        |
| Dekalb         | DKC50-66 CK    | VT3       | AC,P2       | 100 | 211.4        | 14.9        | 0         | 1,586             | 29   | 195.9        | 217.4        | 222.5        | 221.5        | <b>198.4</b> | 212.8        |
| Test Average = |                |           |             |     | <b>208.7</b> | <b>15.3</b> | <b>2</b>  | <b>1,563</b>      |      | <b>203.4</b> | <b>219.5</b> | <b>228.2</b> | <b>217.6</b> | <b>177.3</b> | <b>205.9</b> |
| LSD (0.10) =   |                |           |             |     | 9.8          | 0.5         | 7         |                   |      | 19.3         | 9.9          | 13.5         | 18.0         | 20.8         | 13.9         |

  
 F.I.R.S.T. Manager

Yield &amp; Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying (\$/pt/bu) = \$0.025 Price (\$/bu) = \$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; ‡ = 2 replications; # = rejected results, not included in summary; ns = not significantly different.

 Complete brands tested list & searchable database available at [www.firstseedtests.com](http://www.firstseedtests.com)


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Revised:

**2012 BETTER HYBRIDS Performance Summary for Minnesota Southeast [ MNSE ]**  
**FULL SEASON TEST 101 - 104 Day CRM**
**TOP 30 OF 54 FOR GROSS INCOME (SORTED BY YIELD)**  
 AVERAGE of (18) REPLICATIONS

| Company/Brand  | Product/Brand† | Technol.† | Seed Trmt.† | RM  | Yield Bu/A   | Moist %     | Lodging % | Gross Income \$/A | Rank | Cannon Falls | Dexter       | Eyota        | Kasson       | Madison Lake | New Richland |
|----------------|----------------|-----------|-------------|-----|--------------|-------------|-----------|-------------------|------|--------------|--------------|--------------|--------------|--------------|--------------|
| Viking         | C78-04R        | VT3P      | AC,P2       | 104 | <b>229.9</b> | 16.4        | 18        | 1,716             | 1    | <b>249.0</b> | <b>238.0</b> | <b>252.6</b> | <b>246.9</b> | 178.8        | 214.0        |
| Titan Pro      | 81A04GL        | 3000GT    | MQ,C2       | 104 | <b>229.9</b> | 17.3        | 8         | 1,711             | 2    | <b>254.4</b> | <b>239.6</b> | <b>261.6</b> | <b>233.7</b> | 167.5        | 222.7        |
| Kruger         | K-6201VT3      | VT3       | AC,P5V      | 101 | <b>226.7</b> | 17.3        | 7         | 1,687             | 3    | <b>205.5</b> | <b>232.5</b> | <b>249.6</b> | <b>242.3</b> | <b>196.7</b> | <b>233.3</b> |
| Pioneer        | P0533AM1 GC    | AM1,RR2   | MQ,C2       | 105 | <b>226.1</b> | 17.6        | 9         | 1,681             | 5    | 223.4        | <b>245.7</b> | <b>249.8</b> | 224.0        | 188.2        | 225.3        |
| G2 Genetics    | 5H-202^        | HX,RR2    | MQ,R,P1V    | 102 | <b>225.2</b> | 16.3        | 6         | 1,682             | 4    | <b>237.3</b> | 224.2        | <b>256.2</b> | <b>235.9</b> | 186.0        | 211.8        |
| AgriGold       | A6323GT3       | 3000GT    | AC,P5V      | 103 | <b>224.8</b> | 17.2        | 17        | 1,674             | 8    | <b>240.2</b> | <b>236.7</b> | <b>253.2</b> | 217.5        | 171.9        | 229.2        |
| Producers      | XP6104VT3Pro   | VT3P      | AC,P5V      | 101 | <b>224.4</b> | 16.1        | 4         | 1,677             | 6    | 229.8        | <b>236.4</b> | <b>252.6</b> | 223.8        | 172.5        | <b>231.2</b> |
| Trelay         | 5VP688         | VT3P      | AC,P5V      | 101 | <b>224.4</b> | 16.5        | 8         | 1,675             | 7    | 213.8        | <b>240.0</b> | 240.8        | 224.7        | <b>198.2</b> | 229.0        |
| Channel        | 202-25VT3P     | VT3P      | AC,P5V      | 102 | 222.9        | 16.0        | 10        | 1,666             | 9    | 226.9        | <b>237.4</b> | 234.5        | 226.7        | 178.9        | <b>232.7</b> |
| Wensman        | W 9325VT3PRO   | VT3P      | AC,P5V      | 102 | 222.2        | 15.9        | 7         | 1,662             | 10   | <b>237.2</b> | <b>236.3</b> | <b>250.4</b> | 220.5        | 171.2        | 217.8        |
| Dekalb         | DKC52-04 GC    | VT3P      | AC,P2       | 102 | 221.3        | 16.5        | 3         | 1,652             | 11   | 221.0        | <b>246.9</b> | 229.8        | 227.3        | 181.0        | 221.7        |
| LG Seeds       | LG2501VT3Pro   | VT3P      | AC,P5V      | 101 | 220.1        | 15.7        | 4         | 1,647             | 12   | 208.2        | 228.9        | 245.3        | 230.6        | 180.9        | 226.5        |
| Titan Pro      | 1M02-SS        | STX       | AC,P2       | 102 | 219.2        | 16.0        | 7         | 1,639             | 13   | 205.4        | <b>252.6</b> | 242.8        | 220.5        | 176.3        | 217.4        |
| Channel        | 203-43VT3P     | VT3P      | AC,P5V      | 103 | 218.8        | 16.7        | 4         | 1,632             | 14   | 225.9        | 233.9        | 247.8        | 209.6        | 188.5        | 207.2        |
| Kruger         | KR-4104        | VT2P-R    | AC,P5V      | 104 | 218.1        | 17.5        | 5         | 1,622             | 15   | 214.9        | 234.0        | <b>250.5</b> | 223.6        | 170.5        | 215.1        |
| NuTech         | 5B-604         | GT/CB/LL  | MQ,R,C2     | 104 | 216.9        | 17.4        | 16        | 1,614             | 18   | 233.4        | 228.2        | <b>265.8</b> | 184.6        | 170.1        | 219.3        |
| Anderson       | 537VT3P        | VT3P      | CE,C2       | 101 | 216.6        | 15.6        | 2         | 1,621             | 16   | 215.6        | 230.8        | 231.8        | 220.7        | 182.7        | 217.8        |
| Renk           | RK629VT3P      | VT3P      | AC,P2       | 101 | 216.6        | 16.7        | 1         | 1,615             | 17   | 215.4        | 223.1        | 243.1        | 221.3        | 173.3        | 223.1        |
| Dekalb         | DKC52-59 GC    | VT3       | AC,P2       | 102 | 215.7        | 16.4        | 2         | 1,610             | 19   | 184.7        | <b>241.8</b> | 223.6        | 228.8        | 187.3        | 228.0        |
| Mustang        | 6460           | 3000GT    | AC,P2       | 103 | 214.1        | 17.0        | 8         | 1,595             | 23   | 219.8        | 228.9        | 231.0        | 225.2        | 156.8        | 222.7        |
| Dekalb         | DKC53-78RIB GC | STX-R     | AC,P2       | 103 | 213.9        | 16.6        | 5         | 1,596             | 21   | 206.4        | 229.3        | 239.7        | 222.0        | 180.0        | 206.0        |
| Jung           | 7V540          | VT3P      | AC,P5V      | 101 | 213.8        | 15.8        | 14        | 1,599             | 20   | 211.6        | 233.7        | <b>249.3</b> | 209.2        | 177.8        | 201.2        |
| Viking         | C94-01R        | VT3P      | AC,P2       | 101 | 213.4        | 16.0        | 0         | 1,595             | 22   | 201.1        | 227.8        | 231.5        | 221.3        | 179.9        | 219.0        |
| G2 Genetics    | 5Z-802^        | OI,RR2    | MQ,R,P1V    | 102 | 212.8        | 16.3        | 1         | 1,589             | 24   | 221.7        | 229.4        | 226.0        | 226.6        | 176.0        | 197.3        |
| Wensman        | W 7330VT3      | VT3       | AC,P5V      | 103 | 212.4        | 16.0        | 1         | 1,588             | 25   | 221.8        | 220.7        | <b>249.1</b> | 217.5        | 165.0        | 200.5        |
| LG Seeds       | LG5522VT3Pro   | VT3P      | AC,P5V      | 103 | 212.3        | 16.7        | 1         | 1,583             | 26   | 219.4        | 214.7        | 237.8        | 218.9        | 173.3        | 209.8        |
| Trelay         | 6ST576RIB      | STX-R     | AC,P5V      | 104 | 212.3        | 17.6        | 17        | 1,579             | 28   | 223.1        | 220.9        | 242.8        | 213.8        | 170.5        | 202.5        |
| Titan Pro      | 2M01-3P        | VT3P      | AC,P5V      | 101 | 211.3        | 16.1        | 2         | 1,579             | 27   | 203.4        | 228.2        | 221.9        | 223.2        | 179.4        | 211.9        |
| NuTech         | 5N-001         | 3000GT    | MQ,R,C2     | 101 | 211.0        | 16.1        | 11        | 1,577             | 30   | 214.5        | 229.0        | 233.7        | 216.9        | 170.1        | 201.6        |
| Dairyland      | DS9501SSX      | STX       | AVC,C2      | 101 | 210.6        | 15.5        | 6         | 1,577             | 29   | 234.3        | 209.3        | 242.2        | 210.0        | 161.4        | 206.4        |
| → Dekalb       | DKC50-66 CK    | VT3       | AC,P2       | 100 | 207.5        | 15.4        | 0         | 1,554             | 38   | 189.2        | 223.5        | 224.8        | 211.6        | 183.4        | 212.6        |
| Test Average = |                |           |             |     | <b>212.1</b> | <b>16.6</b> | <b>8</b>  | <b>1,582</b>      |      | <b>213.1</b> | <b>225.0</b> | <b>237.0</b> | <b>215.4</b> | <b>171.4</b> | <b>210.6</b> |
| LSD (0.10) =   |                |           |             |     | 11.2         | 0.7         | ns        |                   |      | 22.1         | 10.8         | 11.5         | 16.9         | 19.9         | 19.7         |

  
 F.I.R.S.T. Manager

Yield &amp; Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying (\$/pt/bu) = \$0.025 Price (\$/bu) = \$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; ‡ = 2 replications; # = rejected results, not included in summary; ns = not significantly different.

 Complete list of brands tested & searchable database available at [www.firstseedtests.com](http://www.firstseedtests.com)

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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 Doeblers PA Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPMaXX® 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®, VPMaXX® and XL® are registered trademarks of DuPont Pioneer.

### Technologies

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

### Seed Treatments

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

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- 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.
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- Protinus™ is a trademark of Wolf Trax, Inc.