

2016 Corn Grain Top 30 Performance Summary for Iowa North Central [ IANC ]



Early-Season Test

101 - 106 Day CRM

B2016IANCa

Top 30 of 66

For Gross Income (Sorted by Yield), (18) Replication Average

| Company/Brand | Product/Brand† | Technol.† | RM  | Yield        | Moisture | Lodging | Gross Income |      | Britt        | Iowa Falls   |              |              | Plymouth     |              |
|---------------|----------------|-----------|-----|--------------|----------|---------|--------------|------|--------------|--------------|--------------|--------------|--------------|--------------|
|               |                |           |     | Bu/A ↓       | %        | %       | \$/A         | Rank |              | Greene       | Osage        | Waterloo     |              |              |
| NuTech/G2 Gen | 5Z-503^        | OI        | 103 | <b>237.6</b> | 19.8     | 1       | 738          | 1    | <b>267.2</b> | <b>256.3</b> | 183.0        | <b>252.0</b> | <b>226.0</b> | <b>241.1</b> |
| Pfister       | 65B1VX         | HXT,RR2   | 105 | <b>237.4</b> | 21.7     | 3       | 724          | 5    | <b>268.5</b> | <b>254.6</b> | <b>204.4</b> | <b>253.5</b> | 212.7        | 230.8        |
| Latham        | LH5509SSRIB    | STX,B     | 105 | <b>236.8</b> | 22.1     | 2       | 719          | 9    | <b>263.0</b> | 237.1        | <b>200.8</b> | <b>252.4</b> | <b>229.3</b> | <b>238.1</b> |
| NuTech/G2 Gen | 5F-504^        | AM,B      | 104 | <b>236.7</b> | 21.3     | 2       | 725          | 4    | 261.7        | <b>242.8</b> | 198.4        | <b>253.0</b> | <b>238.2</b> | 226.1        |
| Renk          | RK717SSTX      | STX       | 105 | <b>236.1</b> | 20.6     | 3       | 728          | 3    | <b>269.7</b> | 238.0        | <b>201.9</b> | <b>253.4</b> | 217.5        | <b>235.8</b> |
| NuTech/G2 Gen | 5K-702^        | OIXT      | 102 | <b>235.6</b> | 19.7     | 2       | 732          | 2    | <b>265.5</b> | <b>243.2</b> | <b>202.6</b> | 246.2        | 216.0        | <b>239.9</b> |
| Becks         | 5513^          | OIXT      | 105 | <b>235.5</b> | 21.3     | 2       | 721          | 7    | <b>276.0</b> | 234.2        | <b>201.3</b> | <b>253.7</b> | <b>225.2</b> | 222.6        |
| Kruger        | K4R-9305       | STX,B     | 105 | <b>234.6</b> | 20.7     | 3       | 722          | 6    | 260.2        | 231.6        | <b>210.7</b> | <b>250.7</b> | <b>228.0</b> | 226.4        |
| Latham        | EX5339SS       | STX       | 103 | <b>234.4</b> | 20.8     | 1       | 721          | 8    | <b>270.0</b> | 241.5        | 200.0        | 246.5        | 213.9        | 234.2        |
| Dairyland     | DS-9106        | STX       | 106 | <b>234.1</b> | 21.7     | 4       | 714          | 14   | <b>269.8</b> | <b>243.6</b> | 194.4        | <b>250.9</b> | 213.3        | 232.8        |
| Dyna-Gro      | D45SS65        | STX       | 105 | <b>233.1</b> | 20.6     | 2       | 718          | 11   | 257.4        | 235.3        | 196.8        | <b>250.2</b> | <b>225.0</b> | 233.9        |
| Prairie Brand | 5646SX         | STX       | 106 | 231.9        | 21.8     | 4       | 706          | 19   | <b>270.3</b> | <b>244.6</b> | 187.7        | <b>250.7</b> | 213.7        | 224.6        |
| Federal       | 5550SSTAXRIB   | STX,B     | 105 | 231.9        | 22.3     | 3       | 703          | 22   | <b>273.5</b> | 237.3        | 176.3        | <b>252.6</b> | 219.0        | 232.7        |
| Channel       | 203-01STXRIB   | STX,B     | 103 | 231.6        | 19.8     | 2       | 719          | 10   | 255.5        | <b>242.8</b> | 197.3        | 238.6        | 218.1        | <b>237.3</b> |
| Kruger        | K4R-9504       | STX,B     | 104 | 230.7        | 20.0     | 2       | 715          | 13   | <b>262.5</b> | 229.1        | <b>210.2</b> | 249.3        | 203.4        | 229.5        |
| Latham        | LH5659SSRIB    | STX,B     | 106 | 230.0        | 21.3     | 2       | 704          | 20   | 255.2        | 224.5        | 198.2        | <b>250.3</b> | 221.3        | 230.6        |
| Cornelius     | C457SS         | STX       | 105 | 229.9        | 22.8     | 2       | 693          | 30   | <b>267.9</b> | 231.1        | 189.1        | 230.9        | 222.0        | <b>238.2</b> |
| Champion      | CSX54A17SS     | STX       | 104 | 229.6        | 20.5     | 4       | 708          | 18   | 261.1        | 238.3        | 177.6        | 249.4        | 213.1        | <b>237.8</b> |
| Epley         | E1612SS        | STX       | 106 | 229.6        | 21.3     | 1       | 703          | 23   | 256.4        | 225.7        | 197.2        | 249.1        | 220.1        | 229.1        |
| Wyffels       | W3076          | VT2P      | 102 | 229.4        | 19.0     | 2       | 718          | 12   | 251.7        | 232.1        | 184.1        | <b>251.6</b> | 211.3        | <b>245.8</b> |
| Federal       | 5670VT2PRIB    | VT2P,B    | 106 | 228.4        | 19.5     | 2       | 711          | 15   | 239.8        | 233.4        | 189.6        | <b>250.6</b> | 216.9        | <b>240.3</b> |
| Cornelius     | C408DP         | VT2P      | 104 | 228.2        | 19.7     | 1       | 709          | 16   | 247.1        | <b>242.1</b> | <b>200.1</b> | 222.4        | 218.2        | <b>239.3</b> |
| Wyffels       | W4796RIB       | VT2P,B    | 106 | 227.9        | 20.4     | 2       | 704          | 21   | 243.0        | <b>243.9</b> | 199.7        | 241.4        | 208.5        | 230.6        |
| Titan Pro     | TP 31-01 3011A | 3011,A    | 101 | 226.6        | 19.1     | 3       | 709          | 17   | <b>263.9</b> | 236.5        | 181.5        | 228.3        | 217.7        | 231.6        |
| Dyna-Gro      | D43SS50        | STX       | 103 | 226.4        | 20.4     | 2       | 699          | 27   | 256.2        | 216.1        | <b>208.3</b> | 240.9        | 206.9        | 229.8        |
| Cornelius     | C324SS         | STX       | 101 | 225.8        | 19.6     | 2       | 703          | 24   | 253.2        | 240.6        | 184.7        | 241.8        | 210.9        | 223.3        |
| Kruger        | K4R-9802       | STX,B     | 102 | 225.4        | 20.1     | 2       | 698          | 28   | 253.0        | 235.2        | 166.5        | 249.1        | 217.7        | 230.8        |
| Champion      | CSX56A17VT2Pro | VT2P      | 106 | 224.2        | 18.8     | 3       | 703          | 25   | 235.2        | <b>251.0</b> | 171.9        | <b>250.9</b> | 204.0        | 232.0        |
| Wyffels       | W3228RIB       | STX,B     | 103 | 223.4        | 19.8     | 2       | 694          | 29   | 240.5        | 227.9        | 197.7        | 237.2        | 218.1        | 218.9        |
| Titan Pro     | TP 53-03 2P    | VT2P,B    | 103 | 222.7        | 19.9     | 2       | 691          | 31   | 241.2        | 237.8        | 173.2        | 236.8        | 213.9        | 233.0        |
| Pioneer       | P0570AMXT CK   | AMXT,B    | 105 | 226.9        | 20.4     | 2       | 701          | 26   | 260.3        | 234.5        | 187.8        | 241.7        | 217.3        | 220.0        |

|   |              |              |             |          |            |              |              |              |              |              |              |
|---|--------------|--------------|-------------|----------|------------|--------------|--------------|--------------|--------------|--------------|--------------|
| <p>Corey Rozenboom<br/>corey.rozenboom@firstseedtests.com, (319) 830-8886</p> | Averages =   | <b>222.5</b> | <b>20.5</b> | <b>2</b> | <b>687</b> | <b>249.9</b> | <b>230.0</b> | <b>184.6</b> | <b>237.0</b> | <b>210.7</b> | <b>222.7</b> |
|   | LSD (0.10) = | 9.5          | 0.9         | ns       |            | 12.3         | 11.9         | 15.5         | 12.9         | 12.8         | 12.0         |
|   | LSD (0.25) = | 6.6          | 0.6         | ns       |            | 8.6          | 8.3          | 10.8         | 9.0          | 8.9          | 8.4          |

Previous years average yield for region, 191.9 bu/a, 16 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.030 Prices = \$3.25 GMO; \$3.25 non-GMO

† See last page for additional information. Dark shaded row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD (0.10). **Italicized** brands exceed the test grain moisture limit. ns = not significantly different; ‡ = 2 reps.

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Report Date: 10/20/2016

Revised:

2016 Corn Grain Top 30 Performance Summary for Iowa North Central [ IANC ]



Full-Season Test  
107 - 110 Day CRM  
B2016IANCb

Top 30 of 66  
For Gross Income (Sorted by Yield), (18) Replication Average

| Company/Brand | Product/Brand†    | Technol.† | RM  | Yield Bu/A ↓ | Moisture % | Lodging % | Gross Income |      | Britt        | Iowa Falls   |              | Plymouth     |              | Waterloo     |
|---------------|-------------------|-----------|-----|--------------|------------|-----------|--------------|------|--------------|--------------|--------------|--------------|--------------|--------------|
|               |                   |           |     |              |            |           | \$/A         | Rank |              | Greene       | Osage        |              |              |              |
| Channel       | 210-26STXRIB      | STX,B     | 110 | <b>243.4</b> | 24.5       | 1         | 722          | 1    | <b>280.8</b> | <b>259.4</b> | <b>210.4</b> | 242.6        | 219.6        | <b>247.6</b> |
| Channel       | 207-27STXRIB      | STX,B     | 107 | <b>234.8</b> | 22.8       | 1         | 708          | 3    | <b>274.6</b> | 244.2        | 176.2        | <b>254.1</b> | 218.7        | 241.0        |
| Channel       | 209-53STXRIB      | STX,B     | 109 | <b>234.5</b> | 22.8       | 2         | 707          | 4    | <b>274.7</b> | 235.7        | 177.8        | 248.5        | 214.0        | <b>256.0</b> |
| Dekalb        | DKC60-67RIB GC    | STX,B     | 110 | <b>233.5</b> | 22.9       | 2         | 704          | 6    | 269.3        | <b>253.2</b> | 185.7        | 240.9        | 210.4        | <b>241.2</b> |
| NuTech/G2 Gen | 5F-308^           | AM,B      | 108 | 233.4        | 23.9       | 2         | 696          | 9    | 262.1        | <b>258.2</b> | 185.5        | 244.4        | 218.5        | 231.9        |
| NuTech/G2 Gen | 5H-806^           | HX,RR2    | 106 | 233.0        | 21.7       | 3         | 710          | 2    | 269.1        | 238.1        | 183.5        | <b>257.9</b> | 215.4        | 233.7        |
| Dekalb        | DKC58-06RIB GC    | STX,B     | 108 | 232.9        | 22.5       | 3         | 705          | 5    | 267.7        | 225.2        | <b>213.2</b> | 249.6        | 209.5        | 232.3        |
| NuTech/G2 Gen | 5F-709^           | AM,AQ,B   | 109 | 231.5        | 22.9       | 2         | 698          | 8    | <b>272.4</b> | 236.8        | 186.3        | 232.3        | <b>236.2</b> | 225.1        |
| Renk          | RK792SSTX         | STX       | 108 | 231.0        | 23.3       | 2         | 693          | 11   | 263.0        | <b>251.3</b> | 179.3        | 233.4        | <b>231.1</b> | 227.7        |
| Wyffels       | W7106RIB          | VT2P,B    | 110 | 229.9        | 21.3       | 3         | 704          | 7    | 269.7        | 231.4        | 188.9        | <b>255.1</b> | 207.8        | 226.7        |
| Dyna-Gro      | D49VC39RIB        | VT2P,B    | 109 | 229.5        | 23.5       | 2         | 687          | 16   | 261.9        | 241.1        | 180.5        | 228.0        | <b>230.0</b> | 235.2        |
| Titan Pro     | TP 66-10 2P       | VT2P,B    | 110 | 229.2        | 23.3       | 3         | 688          | 15   | 265.9        | 237.8        | 177.9        | 236.7        | 225.6        | 231.3        |
| NuTech/G2 Gen | 5F-510^           | AM,B      | 110 | 229.2        | 24.5       | 2         | 680          | 27   | 268.4        | <b>253.4</b> | 156.6        | 245.7        | 215.0        | 235.9        |
| Augusta       | A1108VT2ProRIB    | VT2P,B    | 108 | 228.7        | 22.8       | 2         | 690          | 13   | 257.0        | 239.4        | 184.3        | 246.2        | 216.4        | 229.0        |
| LG Seeds      | LG5548STXRIB      | STX,B     | 108 | 228.5        | 23.5       | 2         | 684          | 19   | 265.9        | 208.4        | 193.5        | 237.4        | <b>228.3</b> | 237.4        |
| Wyffels       | W6198             | STX       | 109 | 228.4        | 23.6       | 2         | 683          | 22   | <b>273.5</b> | 228.1        | 186.1        | 237.4        | 210.6        | 234.5        |
| Latham        | LH5965VT2Pro      | VT2P      | 109 | 227.7        | 22.5       | 2         | 689          | 14   | 253.4        | 244.3        | 191.1        | 235.4        | 211.5        | 230.7        |
| FS InVISION   | FS 60QV1 RIB      | VT2P,B    | 110 | 227.6        | 23.0       | 4         | 685          | 17   | 254.0        | 242.9        | 172.4        | 240.3        | 219.0        | 236.8        |
| Renk          | 6-798VT2P         | VT2P,B    | 109 | 227.3        | 23.6       | 2         | 680          | 28   | 258.6        | 244.1        | 183.6        | 239.4        | 208.1        | 229.8        |
| Cornelius     | C621SS            | STX       | 110 | 227.1        | 23.5       | 3         | 680          | 29   | 270.9        | 224.5        | 173.6        | 244.3        | 222.9        | 226.1        |
| Champion      | CSX57A17SSRIB     | STX,B     | 107 | 226.9        | 22.8       | 2         | 684          | 20   | 255.7        | <b>257.2</b> | 177.1        | 238.4        | 208.4        | 224.5        |
| Latham        | LH5885VT2ProRIB   | VT2P,B    | 108 | 226.4        | 23.3       | 5         | 679          | 30   | 262.8        | 240.1        | 177.3        | 236.5        | 211.2        | 230.3        |
| Champion      | CSX57A16VT2ProRIB | VT2P,B    | 107 | 226.2        | 22.9       | 3         | 682          | 24   | 255.9        | 237.6        | 184.4        | 235.5        | 210.2        | 233.4        |
| LG Seeds      | LG5565STXRIB      | STX,B     | 108 | 225.7        | 22.2       | 2         | 685          | 18   | 239.2        | 219.4        | <b>199.5</b> | 247.9        | 218.1        | 230.0        |
| Wyffels       | W4968RIB          | STX,B     | 107 | 224.5        | 20.4       | 2         | 693          | 12   | 254.5        | 218.5        | 193.7        | 242.0        | 212.5        | 225.7        |
| Kruger        | K4R-9708          | STX,B     | 108 | 223.6        | 21.7       | 8         | 682          | 25   | 251.1        | 203.8        | 166.7        | <b>253.7</b> | <b>230.4</b> | 236.0        |
| Cornelius     | C574DP            | VT2P      | 107 | 223.3        | 21.4       | 2         | 683          | 23   | 247.4        | 236.7        | 168.0        | 248.7        | 224.7        | 214.4        |
| FS InVISION   | FS 57TX1          | STX       | 107 | 222.8        | 21.3       | 2         | 682          | 26   | 250.9        | 235.5        | 165.2        | 232.1        | 221.4        | 231.4        |
| Steyer        | 10707GENSS        | STX       | 107 | 222.0        | 20.7       | 5         | 684          | 21   | 262.8        | 231.3        | 168.8        | 233.2        | 208.0        | 227.9        |
| Viking        | 73-07N            | None      | 107 | 217.8        | 19.5       | 2         | 678          | 31   | 248.5        | 222.5        | 178.3        | 222.7        | 209.3        | 225.5        |
| Pioneer       | P0570AMXT CK      | AMXT,B    | 105 | 226.2        | 20.8       | 2         | 696          | 10   | 258.0        | 235.0        | 182.0        | 244.2        | 214.6        | 223.2        |

|   |              |              |             |          |            |              |              |              |              |              |              |
|---|--------------|--------------|-------------|----------|------------|--------------|--------------|--------------|--------------|--------------|--------------|
| <br>Corey Rozenboom<br>corey.rozenboom@firstseedtests.com, (319) 830-8886 | Averages =   | <b>224.2</b> | <b>22.9</b> | <b>2</b> | <b>675</b> | <b>256.9</b> | <b>233.3</b> | <b>178.6</b> | <b>235.9</b> | <b>213.5</b> | <b>226.8</b> |
|   | LSD (0.10) = | 9.3          | 1.1         | ns       |            | 14.7         | 11.3         | 16.5         | 13.8         | 12.3         | 14.3         |
|   | LSD (0.25) = | 6.5          | 0.8         | ns       |            | 10.3         | 7.9          | 11.5         | 9.6          | 8.6          | 10.0         |

Previous years average yield for region, 191.9 bu/a, 16 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.030 Prices = \$3.25 GMO; \$3.25 non-GMO

† See last page for additional information. Dark shaded row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD (0.10). **Italicized** brands exceed the test grain moisture limit. ns = not significantly different; ‡ = 2 reps.

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Revised:





## Footnotes and Abbreviation Descriptions

### Brand Footnotes

|    |  |
|----|--|
| ^  | ^ G2® brand seed is distributed by NuTech Seed, LLC. Catalyst™ and Power Plus® brand seed is distributed by Burrus. HPT® brand seed is distributed by Hoegemeyer Hybrids, Innotech™ brand seed is distributed by Rob-See-Co, LLC. RPM® brand seed is distributed by Doebler's 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®, Power Plus®, RPM®, Supreme EX®, VPMaxx® and XL® are registered trademarks of DuPont Pioneer. Catalyst™, Innotech™ and Phoenix® are trademarks of Syngenta. |
| CK | Identifies a check product included in early- and full-season tests.   |
| GC | Grower Comparison product included by FIRST when space permits.  |

### Corn Technologies\*

|          |   |         |   |
|----------|---|---------|---|
| 3000GT   | Agrisure® 3000GT (CB,RW,LL,GT)                | HX      | Herculex® 1, contains LL                              |
| 3010     | Agrisure® 3010 (CB,LL,GT)                     | HX,RR2  | Herculex® 1, Roundup Ready 2 Corn                     |
| 3110     | Agrisure® Viptera® 3110 (Vip, CB,LL,GT)       | HXRW    | Herculex® Rootworm, contains LL                       |
| 3111     | Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)     | HXT     | Herculex® Xtra (HX,HXRW,LL)                           |
| 3122     | Agrisure® 3122 (CB,HXX,RW,LL,GT)              | HXT,RR2 | Herculex® Xtra, Roundup Ready 2 Corn                  |
| 3220     | Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)     | LL      | LibertyLink®  |
| A        | Agrisure® Artesian®                           | None    | conventional corn                                     |
| AM       | Optimum® AcreMax® (YGCB,HX,LL,RR2)            | OI      | Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)             |
| AMT      | Optimum® AcreMax®TRIssect (HX,RW,LL,RR2)      | OIX     | Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)       |
| AMX      | Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)      | OIXT    | Optimum® Intrasect® Xtreme, CYXR (YGCB,HXT,RW,LL,RR2) |
| AMXT     | Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2) | RR2     | Roundup Ready® 2 Corn                                 |
| AQ       | Optimum® AQUAMax®                             | RW      | Agrisure® Rootworm                                    |
| B        | Refuge Blend                                  | STX     | SmartStax® (VT3P,HXT,RR2,LL)                          |
| CB       | Agrisure® Corn Boreer                         | VT2P    | Genuity® VT Double PRO®                               |
| DG       | Genuity® DroughtGard®                         | VT3P    | Genuity® VT Triple PRO®                               |
| GT       | Agrisure® GT                                  | YGCB    | YieldGard® Corn Borer                                 |
| GT/CB/LL | Agrisure® GT/CB/LL                            |         |   |

\* The refuge component genetics may vary in a refuge blend seed product.

### Corn Seed Treatments\*\*

|            |   |    |                   |            |  |
|------------|---|----|-------------------|------------|--|
| n/a        | information not provided                                | CE | Cruiser Extreme®  | M          | Maxim XL®  |
| A          | Allegiance®   | CM | CruiserMaxx® Corn | MQ         | Maxim Quattro®   |
| AC         | Acceleron® fungicide products                           | D  | Dynasty®          | None       | untreated  |
| ACHD       | Acceleron® fungicide products                           | Es | Escalate®         | P2, P5, P1 | Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively |
| At         | Actellic®   | In | Intego™ Solo      | R          | Raxil®   |
| AVC        | Avicta® Complete Corn                                   | L  | Lorsban®          | V          | Votivo®  |
| C2, C5, C1 | Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively | Lu | Lumivia™          | Vi         | Vibrance®  |

\*\* Seed treatments may include unspecified plant health promoting components.