

2018 Corn Grain Top 30 Performance Summary for Iowa West Central [IAWC]



Early-Season Test

105 - 110 Day CRM

B2018IAWCa

Top 30 of 60

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

| Company/Brand | Product/Brand† | Technol.† | RM | Yield | Moisture | Lodging | Gross Income | | Anita | Oakland | Slater | Winterset | Yale | |
|----------------|------------------|-----------|-----|--------------|----------|---------|--------------|------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | | | Bu/A | % | % | \$/A | Rank | Dunlap | | | | | |
| Dyna-Gro | D49VC70 | VT2P | 109 | 231.8 | 16.3 | 1 | 737 | 1 | 234.5 | 227.3 | 258.4 | 215.2 | 204.2 | 251.0 |
| Wyffels | W6896RIB | VT2P,B | 110 | 231.2 | 16.2 | 9 | 735 | 2 | 238.0 | 248.3 | 274.2 | 193.3 | 214.4 | 219.2 |
| Golden Harvest | G09Y24-3220A-EZR | 3220,A,B | 109 | 228.4 | 16.6 | 10 | 724 | 5 | 222.0 | 227.6 | 259.2 | 206.0 | 213.8 | 241.6 |
| LG Seeds | LG58C77VT2PRO | VT2P | 108 | 228.2 | 16.4 | 5 | 725 | 3 | 240.0 | 219.8 | 249.9 | 217.6 | 212.4 | 229.2 |
| NuTech/G2 Gen | 5FN-8808 | OI | 108 | 228.1 | 16.3 | 1 | 725 | 4 | 217.8 | 225.3 | 265.9 | 193.1 | 219.4 | 247.2 |
| Legend | LR9509GENSSRIB | STX,B | 109 | 227.2 | 16.5 | 1 | 721 | 7 | 224.7 | 260.4 | 256.3 | 188.8 | 216.5 | 216.4 |
| Channel | 209-15VT2PRIB | VT2P,B | 109 | 227.1 | 16.1 | 2 | 723 | 6 | 217.9 | 229.7 | 260.2 | 222.5 | 201.8 | 230.5 |
| Channel | 206-11STXRIB | STX,B | 106 | 225.8 | 15.7 | 1 | 721 | 8 | 223.9 | 252.7 | 251.1 | 196.4 | 209.6 | 220.8 |
| Champion | 60A18VT2ProRIB | VT2P,B | 110 | 225.6 | 16.2 | 2 | 717 | 9 | 244.1 | 241.2 | 246.8 | 211.5 | 182.8 | 227.0 |
| Kruger | K4R-9706 | STX,B | 106 | 225.3 | 16.1 | 1 | 717 | 10 | 236.8 | 231.6 | 259.4 | 213.5 | 186.1 | 224.4 |
| Wyffels | W6956 | VT2P | 111 | 225.3 | 16.5 | 1 | 715 | 11 | 205.8 | 247.7 | 272.8 | 214.6 | 202.1 | 208.8 |
| Legend | LR9910GENSSRIB | STX,B | 110 | 224.5 | 16.2 | 2 | 714 | 12 | 239.8 | 222.7 | 254.2 | 186.2 | 212.9 | 231.4 |
| Four Star | 6D55RIB | VT2P,B | 110 | 222.3 | 16.1 | 8 | 707 | 14 | 234.4 | 227.2 | 272.2 | 194.0 | 194.8 | 211.2 |
| Channel | 208-23VT2PRIB | VT2P,B | 108 | 221.6 | 16.3 | 5 | 704 | 16 | 221.5 | 233.7 | 244.8 | 185.7 | 203.7 | 240.1 |
| Wyffels | W5516RIB | VT2P,B | 108 | 221.3 | 16.0 | 1 | 705 | 15 | 232.4 | 224.3 | 237.2 | 217.3 | 175.5 | 241.2 |
| Latham | LH5725VT2Pro | VT2P | 107 | 220.3 | 16.0 | 2 | 702 | 17 | 222.4 | 216.5 | 250.8 | 197.9 | 217.7 | 216.3 |
| Latham | LH5965VT2ProRIB | VT2P,B | 109 | 219.8 | 15.9 | 10 | 701 | 18 | 220.6 | 239.5 | 264.0 | 201.7 | 185.1 | 208.1 |
| Augusta | A4658GT3220 | 3220 | 108 | 219.7 | 16.4 | 5 | 698 | 19 | 222.5 | 202.1 | 249.8 | 193.5 | 211.3 | 238.8 |
| Kruger | K1005DP | VT2P,B | 110 | 219.2 | 16.0 | 7 | 698 | 20 | 223.0 | 224.6 | 258.6 | 228.0 | 178.3 | 202.7 |
| Channel | 210-79STXRIB | STX,B | 110 | 219.0 | 16.6 | 1 | 694 | 22 | 215.2 | 247.8 | 258.3 | 185.9 | 166.1 | 240.9 |
| NuTech/G2 Gen | 5FB-1010 | AM,B | 110 | 218.6 | 16.5 | 6 | 694 | 23 | 237.0 | 253.0 | 220.1 | 214.6 | 151.7 | 235.4 |
| Renk | RK763VT2P | VT2P,B | 108 | 217.6 | 15.7 | 2 | 695 | 21 | 229.9 | 196.5 | 259.3 | 192.6 | 216.5 | 210.8 |
| FS InVISION | FS 60LX1 RIB | STX,B | 110 | 217.3 | 16.4 | 4 | 690 | 24 | 214.1 | 221.2 | 238.6 | 222.5 | 211.9 | 195.7 |
| Four Star | 6D41RIB | VT2P,B | 107 | 216.0 | 15.8 | 3 | 689 | 25 | 226.8 | 199.3 | 267.9 | 204.0 | 195.3 | 202.6 |
| Pfister | 68A1PE | PC,E | 108 | 215.9 | 16.7 | 2 | 684 | 27 | 227.6 | 231.4 | 248.0 | 179.3 | 206.3 | 202.9 |
| Kruger | K0807SS | STX,B | 108 | 215.6 | 16.1 | 1 | 686 | 26 | 205.0 | 219.4 | 223.4 | 195.5 | 193.0 | 257.0 |
| FS InVISION | FS 60UX1 RIB | STX,B | 110 | 215.0 | 16.5 | 2 | 682 | 29 | 214.7 | 240.8 | 251.3 | 200.0 | 165.9 | 217.4 |
| Champion | 58A18VT2ProRIB | VT2P,B | 108 | 214.8 | 16.3 | 1 | 683 | 28 | 237.6 | 231.8 | 233.8 | 208.8 | 148.3 | 228.5 |
| NuTech/G2 Gen | 5F-308 | AM,B | 108 | 214.0 | 16.3 | 2 | 680 | 30 | 231.0 | 228.4 | 246.8 | 197.3 | 158.4 | 222.1 |
| Epley | E1712SS | STX | 107 | 213.6 | 16.0 | 1 | 680 | 31 | 221.2 | 232.0 | 241.2 | 209.8 | 165.4 | 212.0 |
| Pioneer | P1197AMXT CK | AMXT,B | 111 | 222.8 | 16.5 | 1 | 707 | 13 | 214.9 | 244.6 | 262.8 | 222.1 | 181.6 | 210.7 |

| | | | | | | | | | | |
|--------------|--------------|-------------|----------|------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Averages = | 214.5 | 16.2 | 3 | 682 | 217.6 | 226.8 | 246.2 | 203.1 | 175.5 | 217.9 |
| LSD (0.10) = | 13.7 | 0.2 | 4 | | 19.6 | 17.8 | 22.5 | 13.4 | 42.2 | 17.4 |
| LSD (0.25) = | 7.2 | 0.1 | 2 | | 13.7 | 12.4 | 15.7 | 9.4 | 29.4 | 12.1 |

Previous years average yield for region, 201.9 bu/a, 18 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices = \$3.21 GMO; \$3.21 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.

Additional reports available at www.firstseedtests.com.

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Report Date: 11/14/2018

Revised:

2018 Corn Grain Top 30 Performance Summary for Iowa West Central [IAWC]



Full-Season Test

111 - 115 Day CRM

B2018IAWCb

Top 30 of 60

For Gross Income (Sorted by Yield), (14) Replication Average

| Company/Brand | Product/Brand† | Technol.† | RM | Yield Bu/A ↓ | Moisture % | Lodging % | Gross Income | | Anita | Dunlap‡ | Oakland | Slater | Winterset | Yale |
|----------------|--------------------|-----------|-----|--------------|------------|-----------|--------------|------|-------|---------|---------|--------|-----------|-------|
| | | | | | | | \$/A | Rank | | | | | | |
| NuTech/G2 Gen | 5FN-2213 | OI | 113 | 242.9 | 17.7 | 3 | 763 | 1 | 254.6 | 262.0 | 261.2 | 160.1 | 214.2 | 222.6 |
| Wyffels | W7976RIB | VT2P,B | 113 | 239.7 | 16.9 | 1 | 758 | 2 | 252.5 | 227.6 | 262.7 | 166.9 | 223.1 | 232.5 |
| Kruger | K4R-9111 | STX,B | 111 | 238.0 | 17.6 | 1 | 749 | 3 | 243.1 | 241.2 | 266.5 | 151.9 | 216.6 | 222.4 |
| Channel | 215-75STXRIB | STX,B | 115 | 237.1 | 17.7 | 3 | 745 | 4 | 253.5 | 233.8 | 259.2 | 171.2 | 206.9 | 232.0 |
| Renk | RK937SSTX | STX | 113 | 235.7 | 17.2 | 1 | 744 | 5 | 226.0 | 259.0 | 260.0 | 161.0 | 194.1 | 239.6 |
| LG Seeds | LG5643STXRIB | STX,B | 114 | 235.1 | 17.7 | 2 | 739 | 7 | 239.6 | 251.5 | 245.2 | 151.0 | 224.4 | 214.6 |
| Latham | EX6355VT2Pro | VT2P | 113 | 235.0 | 17.5 | 1 | 740 | 6 | 239.7 | 226.4 | 266.2 | 151.1 | 197.6 | 244.9 |
| Champion | CSX65A17VT2ProRIB | VT2P,B | 115 | 232.3 | 16.9 | 2 | 735 | 8 | 242.8 | 227.2 | 273.0 | 151.5 | 202.9 | 215.5 |
| LG Seeds | LG62C02STX | STX | 112 | 231.3 | 17.5 | 4 | 728 | 10 | 247.6 | 277.4 | 263.1 | 151.6 | 155.6 | 212.8 |
| Champion | CSX64A15DGV2ProRIB | VT2P,DG,B | 114 | 230.7 | 17.8 | 2 | 724 | 11 | 262.9 | 217.1 | 255.1 | 151.8 | 220.8 | 197.6 |
| Kruger | K1204DP | VT2P,B | 112 | 230.6 | 16.9 | 2 | 729 | 9 | 253.4 | 255.0 | 244.2 | 151.8 | 192.3 | 208.3 |
| LG Seeds | LG5606STXRIB | STX,B | 111 | 228.6 | 17.0 | 5 | 722 | 12 | 232.9 | 249.1 | 246.4 | 151.9 | 218.6 | 196.1 |
| Kruger | K4R-9814 | STX,B | 114 | 227.6 | 17.2 | 1 | 718 | 13 | 241.4 | 236.2 | 252.9 | 151.9 | 179.6 | 227.8 |
| Golden Harvest | G13T41-3010 | 3010 | 113 | 227.1 | 17.8 | 2 | 713 | 14 | 248.4 | 236.7 | 244.0 | 151.9 | 189.2 | 217.2 |
| NK Brand | NK1191-3111 | 3111 | 111 | 224.1 | 17.5 | 4 | 705 | 17 | 241.2 | 238.3 | 228.4 | 151.9 | 200.6 | 212.2 |
| Latham | LH6285VT2Pro | VT2P | 112 | 223.4 | 16.6 | 2 | 708 | 15 | 216.4 | 254.9 | 267.4 | 151.9 | 154.4 | 224.1 |
| Golden Harvest | G11A33-3111 | 3111 | 111 | 223.1 | 17.4 | 3 | 703 | 19 | 235.9 | 230.2 | 234.8 | 151.9 | 202.1 | 212.7 |
| Legend | LR9811VT2PRIB | VT2P,B | 111 | 223.0 | 16.6 | 3 | 707 | 16 | 242.1 | 214.6 | 262.3 | 151.9 | 181.4 | 214.5 |
| NuTech/G2 Gen | 5FB-6313 | AM,B | 113 | 222.5 | 17.4 | 2 | 701 | 20 | 239.6 | 214.8 | 249.6 | 151.9 | 150.2 | 258.3 |
| Champion | 61A19VT2ProRIB | VT2P | 111 | 222.4 | 16.8 | 1 | 704 | 18 | 223.5 | 215.7 | 264.6 | 151.9 | 166.5 | 241.8 |
| LG Seeds | LG5650STXRIB | STX,B | 115 | 222.4 | 17.7 | 1 | 699 | 22 | 232.5 | 243.8 | 250.2 | 151.9 | 159.9 | 225.8 |
| NuTech/G2 Gen | 5LB-7215 | AMXT,B | 115 | 222.3 | 18.0 | 2 | 697 | 23 | 200.1 | 240.5 | 233.9 | 151.9 | 193.8 | 243.4 |
| NK Brand | NK1354-3110 | 3110 | 113 | 221.3 | 16.7 | 10 | 701 | 21 | 247.7 | 218.5 | 221.8 | 151.9 | 195.9 | 222.8 |
| Channel | 213-19STXRIB | STX,B | 113 | 219.3 | 17.5 | 2 | 690 | 24 | 238.6 | 252.2 | 224.5 | 151.9 | 172.2 | 209.1 |
| Pfister | 72C6SSR | STX,B | 112 | 219.0 | 17.5 | 1 | 689 | 25 | 241.8 | 256.0 | 237.5 | 151.9 | 156.5 | 203.3 |
| FS InVISION | FS 64SX1 RIB | STX,B | 114 | 219.0 | 18.0 | 9 | 687 | 27 | 219.5 | 243.3 | 240.1 | 140.6 | 189.2 | 202.8 |
| NuTech | 5NN-8812 | 3000GT | 112 | 218.4 | 17.5 | 6 | 687 | 28 | 228.8 | 223.1 | 237.9 | 171.8 | 206.0 | 196.3 |
| Latham | LH6224-3220EZR | 3220,B | 112 | 217.9 | 16.9 | 2 | 689 | 26 | 224.8 | 226.6 | 215.9 | 170.5 | 208.5 | 213.7 |
| NK Brand | NK1284-3220-EZR | 3220,B | 112 | 216.1 | 17.1 | 2 | 682 | 30 | 225.1 | 203.5 | 227.9 | 143.3 | 212.1 | 211.8 |
| Renk | RK877DGV2P | VT2P,DG,B | 111 | 215.6 | 16.6 | 1 | 683 | 29 | 215.7 | 233.5 | 245.2 | 141.0 | 177.8 | 205.7 |
| Pioneer | P1197AMXT CK | AMXT,B | 111 | 214.7 | 17.1 | 1 | 678 | 31 | 215.8 | 247.5 | 256.6 | 108.7 | 141.9 | 211.5 |

Data Rejected - Not in Summary

| | | | | | | | | | | |
|--------------|-------|------|---|-----|-------|-------|-------|-------|-------|-------|
| Averages = | 213.9 | 17.4 | 4 | 674 | 222.9 | 229.0 | 235.1 | 153.6 | 162.6 | 220.0 |
| LSD (0.10) = | 19.1 | 0.3 | 6 | | 21.7 | 16.2 | 20.2 | 43.2 | 48.4 | 14.0 |
| LSD (0.25) = | 10.0 | 0.2 | 3 | | 15.1 | 11.3 | 14.1 | 30.1 | 33.8 | 9.8 |

Previous years average yield for region, 201.9 bu/a, 18 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices = \$3.21 GMO; \$3.21 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: 11/14/2018

Revised:

Footnotes and Abbreviation Descriptions

Brand Footnotes

| | |
|----|--|
| ^ | Innotech™ brand seed is distributed by Rob-See-Co, LLC. Phoenix® brand seed is distributed by Advanta Seeds. Power Plus® brand seed is distributed by Burrus. Innotech™ and Phoenix® are trademarks of Syngenta. Power Plus® is a registered trademark of Corteva Agriscience. |
| 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) | E | Enlist™ (2,4-D, glyphosate, fop herbicide tolerance) |
| 3010 | Agrisure® 3010 (CB,LL,GT) | GT | Agrisure® GT |
| 3011,A | Agrisure® Artesian® (CB,RW,LL,GT) | HX | Herculex® 1, contains LL |
| 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) |
| 3120 | Agrisure® 3120 (CB,HX,LL,GT) | LL | LibertyLink® |
| 3122 | Agrisure® 3122 (CB,HXX,RW,LL,GT) | None | conventional corn |
| 3220 | Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT) | OI | Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2) |
| A | Agrisure® Artesian® | OIX | Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2) |
| AM | Optimum® AcreMax® (YGCB,HX,LL,RR2) | OIXT | Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2) |
| AMT | Optimum® AcreMax®TRIssect (HX,RW,LL,RR2) | PC | PowerCore™ (HX, VT2P) |
| AMX | Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2) | RR2 | Roundup Ready® 2 Corn |
| AMXT | Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2) | RW | Agrisure® Rootworm |
| AQ | Optimum® AQUAMax® | STX | SmartStax® (VT3P,HXT,RR2,LL) |
| B | Refuge blend product | VT2P | Genuity® VT Double PRO® |
| CB | Agrisure® Corn Borer | VT3P | Genuity® VT Triple PRO® |
| DG | Genuity® DroughtGard® | YGCB | YieldGard® Corn Borer |

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

Corn Seed Treatments**

| | | | | | |
|------------|---|------|----------------|------------|--|
| ? | information not provided | D | Dynasty® | P2, P5, P1 | Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively |
| A | Allegiance® | Es | Escalate® | R | Raxil® |
| AC | Acceleron® fungicide products | HC | Hefty Complete | Sa | Sativa™ |
| AL2500 | Alert 2500 | In | Intego™ Solo | Se | Sebring™ |
| At | Actellic® | L | Lorsban® | Sn | Senator™ |
| AVC | Avicta® Complete Corn | Lu | Lumivia™ | Sp | Spirato™ |
| C2, C5, C1 | Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively | M | Maxim XL® | SC | SHIELDCoat™ |
| CE | Cruiser Xtreme® | MQ | Maxim Quattro® | V | Votivo® |
| CM | CruiserMaxx® Corn | None | untreated | Vi | Vibrance® |

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