

Test by: F.I.R.S.T. CCB, Inc. Elizabeth, IL

2020 Corn Grain Top 30 Harvest Report

Iowa East Central [IAEC] VICTOR, IA
Dan DeRycke, Poweshiek County, IA 52347

| | |
|-------------------------------|--|
| Full-Season Test | 111 - 115 Day CRM B2020IAEC15b |
| Top 30 of 63 | For Gross Income (Sorted by Yield) Average of () Replications |
| PREV. CROP/HERB: | Soybean / NA |
| SOIL DESCRIPTION: | Downs silt loam, well drained, non-irrigated |
| SOIL CONDITION: | No-Till, very high P, medium K, 5.7 pH, 3.5% OM, 19.0 CEC |
| PEST MANAGEMENT: | |
| FERTILITY - Applied N: | |
| Applied N-P-K (units): | 0-0-0 |
| SEDED - RATE - ROW: | May 3 32.0 /A " spacing |
| HARVESTED - STAND: | |


TEST COMMENTS:

The DeRycke Farm has been hosting our plots for many years, and this is the first time we had to abandon a plot due to flat corn, lodging was so severe. Dan stated this is the first time he has had to disc a cornfield without harvesting it. He was out just prior to the storm scouting fields and things looked like the yields would be outstanding, but just a few hours later the August 10 derecho storm hit, and the surrounding was devastated.

| Company/Brand | Product/Brand | Technol.† | RM | Yield Bu/A ↓ | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|---------------|---------------|-----------|----|-----------------|---------------|--------------|-------------------|-------------------------|------|
|---------------|---------------|-----------|----|-----------------|---------------|--------------|-------------------|-------------------------|------|

Lost to severe wind damage

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|---|---|---|
|  Randy Meinsma randym@firstseedtests.com, (815) 238-8007 | <p>Averages =</p> <p>LSD (0.10) = ns ns ns</p> <p>LSD (0.25) = ns ns ns</p> <p>C.V. =</p> | <p>Historic yield: 224.6 bu/a, 12 yr(s)</p> |
|---|---|---|

Yield & Income Factors: Base Moisture = 15% Shrink = 1.2 Drying = \$0.00 Prices: GMO = \$3.75

2020 Corn - Iowa East Central [IAEC]

Early-Season Test Products (54 Total)

| Company/Brand | Product/Brand | Technology | RM | Seed Treat. |
|------------------|-------------------|------------|-----|--------------|
| ARMOR | A0711 | VT2P | 107 | ZN |
| ARMOR | A1029 | VT2P | 110 | ZN |
| AUGUSTA | 1259 | 3330,B | 109 | AVC,C5 |
| AUGUSTA | 4958-3120 | 3120,B | 108 | CM,C2 |
| CORNELIUS | C633DP | VT2P | 110 | CM,C2,Vi |
| CORNELIUS | C7004DP | VT2P | 110 | AC,P5V,EDC-B |
| DYNA-GRO | D50VC78 | VT2P | 110 | AC,P5V,EDC-B |
| FS INVISION | FS 5594X RIB | STX,B | 105 | AC,P5V |
| FS INVISION | FS 5704X RIB | STX,B | 107 | AC,P5V |
| FS INVISION | FS 5892V RIB | VT2P,B | 108 | AC,P5V |
| FS INVISION | FS 5909D2A EZR | 5222A,B | 109 | AC,P5V |
| FS INVISION | FS 60UX1 RIB | STX,B | 110 | AC,P5V |
| GOLDEN HARVEST | G08D29-3120A-EZR | 3120A,B | 108 | AVC,C5,Vi |
| GOLDEN HARVEST | G10D21-3330-EZR | 3330,B | 110 | AVC,C5,Vi |
| GOLDEN HARVEST | G10L16-5222A-EZR | 5222A,B | 110 | AVC,C5,Vi |
| INTEGRA | 5529 VT2PRIB | VT2P,B | 105 | AC,P2,St,SU |
| INTEGRA | 5719 VT2PRIB | VT2P,B | 107 | AC,P2,St,SU |
| INTEGRA | 5770 STXRIB | STX,B | 107 | AC,P5V,St,SU |
| INTEGRA | 5939 STXRIB | STX,B | 109 | AC,P5V,St,SU |
| INTEGRA | 6061 VT2PRIB | VT2P | 110 | AC,P5,St,SU |
| KRUGER | K0708DT | TRE,B | 107 | AC,PV5,B360 |
| KRUGER | K0807SS | STX,B | 108 | AC,PV5,B360 |
| KRUGER | K0915DD | VT2PDG,B | 109 | AC,P5,B360 |
| KRUGER | K0917SS | STX,B | 109 | AC,PV5,B360 |
| KRUGER | K1005DP | VT2P,B | 110 | AC,P2,B360 |
| LATHAM | LH 5725 VT2P RIB | VT2P,B | 107 | AC250 |
| LATHAM | LH 5769 SS RIB | STX,B | 107 | AC,P5V |
| LATHAM | LH 5847 VT2P RIB | VT2P,B | 108 | AC250 |
| LATHAM | LH 5965 VT2P RIB | VT2P,B | 109 | AC250 |
| LG SEEDS | LG59C72VT2PRIB GC | VT2P,B | 109 | NA |
| MIDWEST GENETICS | MW09-79 VT2P GC | VT2P | 109 | NA |
| MIDWEST GENETICS | MW10-66 VT2P GC | VT2P | 110 | NA |
| NK BRAND | NK0886-5122-EZR | 5122,B | 108 | AVC,C5,Vi |
| NK BRAND | NK1026-3330-EZR | 3330,B | 110 | AVC,C5,Vi |
| NK BRAND | NK1082-5222A-EZR | 5222A,B | 110 | AVC,C5,Vi |
| NUTECH | 5FB-8808AM | AM,B | 108 | P1V,RN |

| Company/Brand | Brand/Product | Technology | RM | Seed Treat. |
|---------------|---------------|------------|-----|-------------|
| NUTECH | 68A7AM | AM,B | 107 | P1V,RN |
| NUTECH | 68B3VYHR | OL,B | 108 | P1V,RN |
| NUTECH | 70A8AM | AM,B | 110 | P1V,RN |
| NUTECH | 70F2Q | QR,B | 110 | P1V,RN |
| PIONEER | P1185AM CK | AM,B | 111 | NA |
| RENK | RK700SSTX | STX | 107 | AC,P5V |
| RENK | RK710DGVT2P | VT2PDG,B | 106 | AC,P2 |
| RENK | RK726H | PC | 106 | AC,P2 |
| RENK | RK765VT2PRIB | VT2P,B | 109 | AC,P2 |
| RENK | RK805VT2P | VT2P | 110 | AC,P2 |
| TITAN PRO | 23-06 SS | STX,B | 106 | AC,P5V |
| TITAN PRO | 94-09 2P | VT2P,B | 109 | AC250 |
| TITAN PRO | 96-06 2P | VT2P,B | 106 | AC250 |
| WYFFELS | W4196RIB | VT2P,B | 105 | AC250 |
| WYFFELS | W4246 | VT2P | 105 | AC250 |
| WYFFELS | W5086RIB | VT2P,B | 107 | AC250 |
| WYFFELS | W5516RIB | VT2P,B | 108 | AC250 |
| WYFFELS | W6408RIB | STX,B | 110 | AC,P5V |

2020 Corn - Iowa East Central [IAEC]

Full-Season Test Products (63 Total)

| Company/Brand | Product/Brand | Technology | RM | Seed Treat. |
|------------------|--------------------|------------|-----|--------------|
| ARMOR | A1575 | VT2P | 115 | ZN |
| ARMOR | X19112A | VT2P | 112 | ZN |
| AUGUSTA | 4465 | 3110,B | 115 | CM,C2 |
| AUGUSTA | 6162 | 3220,B | 112 | AVC,C5 |
| CHAMPION | 64A20 VT2 PRO GC | VT2P,B | 114 | NA |
| CORNELIUS | 7228VT2P | VT2P | 112 | NA |
| CORNELIUS | C7270DP | VT2P | 112 | NA |
| CORNELIUS | C7308SS | STX | 113 | NA |
| CORNELIUS | C7366DGDP | VT2PDG | 113 | NA |
| DEKALB | DKC61-41RIB GC | VT2P,B | 111 | NA |
| DYNA-GRO | D54VC34 | VT2P | 114 | AC,P5V,EDC-B |
| FS INVISION | FS 6106X RIB | STX,B | 111 | AC,P5V |
| FS INVISION | FS 6107T RIB | TRE,B | 111 | AC,P5V |
| FS INVISION | FS 6306T RIB | TRE,B | 113 | AC,P5V |
| FS INVISION | FS 6395VDG RIB | VT2PDG,B | 113 | AC,P5V |
| FS INVISION | FS 6406X RIB | STX,B | 114 | AC,P5V |
| GOLDEN HARVEST | G12S75-5122-EZR | 5122,B | 112 | AVC,C5,Vi |
| GOLDEN HARVEST | G13T41-3120-EZR | 3120,B | 113 | AVC,C5,Vi |
| GOLDEN HARVEST | G13Z50-3220-EZR | 3220,B | 113 | AVC,C5,Vi |
| GOLDEN HARVEST | G14N11-5222-EZR | 5222,B | 114 | AVC,C5,Vi |
| INTEGRA | 6181 3010A | 3010A | 111 | CM,C2,St,SU |
| INTEGRA | 6284 VT2PRIB | VT2P,B | 112 | AC,P2,St,SU |
| INTEGRA | 6410 VT2PRIB | VT2P,B | 114 | AC,P5V,St,SU |
| INTEGRA | 6533 VT2PRIB | VT2P,B | 115 | AC,P5V,St,SU |
| INTEGRA | 6588 VT2PRIB | VT2P,B | 115 | AC,P2V,St,SU |
| KRUGER | K1114SS | STX,B | 111 | AC,PV5,B360 |
| KRUGER | K1204SS | STX,B | 112 | AC,PV5,B360 |
| KRUGER | K1237DT | TRE,B | 112 | AC,P5,B360 |
| KRUGER | K1501DP | VT2P,B | 115 | AC,P2,B360 |
| KRUGER | K4R-9111 | STX,B | 111 | AC,PV5,B360 |
| LATHAM | LH 6149 SS RIB | STX,B | 111 | AC,P5V |
| LATHAM | LH 6285 VT2P RIB | VT2P | 112 | AC250 |
| LATHAM | LH 6317 VT2PDG RIB | VT2PDG,B | 113 | AC250 |
| LATHAM | LH 6477 VT2P RIB | VT2P,B | 114 | AC250 |
| LATHAM | LR 6529 SS RIB | STX,B | 115 | AC,P5V |
| MIDWEST GENETICS | MW12-48 DGVT2P GC | VT2PDG | 112 | NA |

| Company/Brand | Brand/Product | Technology | RM | Seed Treat. |
|------------------|-------------------|------------|-----|-------------|
| MIDWEST GENETICS | MW15-49 DGVT2P GC | VT2PDG | 115 | NA |
| NK BRAND | NK1239-5122-EZR | 5122,B | 112 | AVC,C5,Vi |
| NK BRAND | NK1354-5222-EZR | 5222,B | 113 | AVC,C5,Vi |
| NK BRAND | NK1460-5222-EZR | 5222,B | 114 | AVC,C5,Vi |
| NUTECH | 5FB-2213AM | AM,B | 113 | P1V,RN |
| NUTECH | 71F5CYFR | QR | 111 | P1V,RN |
| NUTECH | 72B7CYFR | QR | 112 | P1V,RN |
| NUTECH | 74B6AM | AM,B | 114 | P1V,RN |
| NUTECH | 75G1YHR | OI | 115 | P1V,RN |
| PIONEER | P1185AM CK | AM,B | 111 | NA |
| PIONEER | P1563AM GC | AM,B | 115 | NA |
| PROHARVEST | 8324 VT2PRIB | VT2P,B | 113 | AC,P2 |
| PROHARVEST | 8360 VT2PRIB | VT2P,B | 113 | AC,P2 |
| PROHARVEST | 84P93 SSTXRIB | STX,B | 114 | P5V |
| RENK | RK866DGVT2P | VT2PDG | 112 | AC,P2 |
| RENK | RK882SSTX | STX | 111 | AC,P5V |
| RENK | RK937VT2P | VT2P,B | 113 | AC,P2 |
| RENK | RK945DGVT2P | VT2PDG,B | 115 | AC,P2 |
| RENK | RK945SSTX | STX,B | 115 | AC,P5V |
| TITAN PRO | 82-14 2P | VT2P,B | 114 | AC250 |
| TITAN PRO | TP 71-12 DG2P | VT2PDG,B | 112 | AC250 |
| TITAN PRO | TP 74-12 SS | STX,B | 112 | AC,P5V |
| WYFFELS | W6826RIB | VT2P,B | 111 | AC250 |
| WYFFELS | W6978 | STX | 111 | AC,P5V |
| WYFFELS | W7726RIB | VT2P,B | 113 | AC250 |
| WYFFELS | W7876RIB | VT2P,B | 114 | AC250 |
| WYFFELS | W7956RIB | VT2P,B | 114 | AC250 |

Footnotes and Abbreviations Descriptions

Brand Footnotes

[^] Innotech™ brand seed is distributed by Rob-See-Co, LLC. Power Plus® brand seed is distributed by Burrus. Innotech™ is a trademark 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*

| | |
|--------|---|
| 3010A | Agrisure® Artesian® 3010 (CB,LL,GT) |
| 3110 | Agrisure® Viptera® 3110 (Vip, CB,LL,GT) |
| 3120 | Agrisure® 3120 (CB,HX,LL,GT) |
| 3120A | Agrisure® Artesian® 3120 (CB,HX,LL,GT) |
| 3220 | Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT) |
| 3330 | Agrisure® Viptera® 3330 (Vip,CB,LL,GT) |
| 5122 | Agrisure® Duracade™ 5122 |
| 5222 | Agrisure® Duracade™ 5222 |
| 5222A | Agrisure® Duracade™ Artesian® 5222 |
| AM | Optimum® AcreMax® |
| B | Blend, Refuge in a Bag (RIB) or EZ-Refuge |
| OI | Optimum® Intrasect® |
| OL | Optimum® Leptra® |
| PC | PowerCore™ |
| QR | Qrome™ |
| STX | SmartStax® |
| TRE | Genuity® Trecepta™ |
| VT2P | Genuity® VT Double PRO® |
| VT2PDG | Genuity® VT Double PRO® DroughtGard® |

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

Corn Seed Treatments**

| | |
|--------------|--|
| NA | Not Available |
| AC250 | Acceleron 250 |
| AC,P2 | Acceleron, Poncho 250 |
| AC,P2,B360 | Acceleron Poncho 250 with BioRise™ B-360 ST |
| AC,P2,St,SU | Acceleron 250, Stamina, StepUp |
| AC,P2V,St,SU | Acceleron Poncho 250 Votivo, Stamina, StepUp |
| AC,P5,B360 | Acceleron Poncho 500 with BioRise™ B-360 ST |
| AC,P5,St,SU | Acceleron Poncho 500, Stamina, StepUp |
| AC,P5V | Acceleron, Poncho 500/Votivo |
| AC,P5V,EDC-B | Acceleron, Basic Poncho 500/Votivo with Enhanced Disease Control |
| AC,P5V,St,SU | Acceleron Poncho 500/Votivo, Stamina, StepUp |
| AC,PV5,B360 | Acceleron Poncho 500/Votivo with BioRise™ B-360 ST |
| AVC,C5 | Avicta Complete 500 |
| AVC,C5,Vi | Avicta Complete 500, Vibrance |
| CM,C2 | CruiserMaxx 250 |
| CM,C2,St,SU | CruiserMaxx 250, Stamina, StepUp |
| CM,C2,Vi | CruiserMaxx 250 with Vibrance |
| P1V,RN | Poncho 1250/Votivo, Rancona® |
| P5V | Poncho 500/Votivo |
| ZN | Winfield United Advanced Coating® Zn |

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