

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

2024 Corn Grain Top 30 Harvest Report

Iowa West Central [IAWC] OAKLAND, IA

Mark & Keith Bentley, Pottawattamie County, IA 51560

Early-Season Test

105 - 110 Day CRM
B2024IAWC23a

Top 30 of 30

For Gross Income
(Sorted by Yield)
Average of (3) Replications

PREV. CROP/HERB:

Soybeans / Authority Supreme,
Liberty, Roundup, Clethodim

SOIL DESCRIPTION:

Marshall silty clay loam, well
drained, non-irrigated

SOIL CONDITION:

No-Till, very high P, very high K,
5.5 pH, 3.2% OM, 20.6 CEC

PEST MANAGEMENT:

Acuron, Status, Veltyma

FERTILITY - Applied N:

190 Spring

Applied N-P-K (units):

190-0-0

SEEDED - RATE - ROW:

May 10 35.0 /A 30" spacing

HARVESTED - STAND:

Oct 17 32.0 /A

TEST COMMENTS:

Planting conditions were very good. The plot received some good rains to start and emerged well. Light tar spot could be seen in the plot. In early July, the plot had over 2 3/4 inches of rain from one storm with clocked 100 mph winds. This caused some green snap in the plot. There was no root lodging. The plants not affected were standing strong and well-matured. At harvest, winds were around 40 mph. These were tall plants with large girthy ears, pollinated well. Ear shanks were getting weak. The overall look of the plot was great until you found the spots with green snap. This area also is seeing rapid dry-down.

| Company/Brand | Product/Brand | Technol.† | RM | Yield Bu/A ↓ | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|----------------|---------------------|-----------|------------|---------------------------------------|--------------|-------------|----------------|----------------------|-------------|
| Hoegemeyer | 8014PCE ↗ | PCE | 110 | 279.4 | 13.2 | 1 | 30.9 | 1190 | 2 |
| Renk | RK800VT4PRO ↗ | VT4P | 110 | 265.0 | 13.8 | 1 | 32.9 | 1129 | 3 |
| Hoegemeyer | 8046V ↗ | VE | 110 | 263.5 | 14.2 | 1 | 30.9 | 1123 | 4 |
| Rob-See-Co | RC6026-PCE ↗ | PCE | 110 | 261.5 | 13.2 | 1 | 30.9 | 1114 | 5 |
| FS InVision | FS 6025X RIB ↗ | STX | 110 | 260.7 | 13.6 | 1 | 32.9 | 1111 | 6 |
| FS InVision | FS 6042F RIB ↗ | VT4P | 110 | 259.8 | 13.5 | 1 | 31.9 | 1107 | 7 |
| Wyffels | W6479 ↗ | STXP | 110 | 256.1 | 13.1 | 1 | 32.9 | 1091 | 8 |
| FS InVision | FS 5935X RIB ↗ | STX | 109 | 253.8 | 13.4 | 1 | 31.9 | 1081 | 9 |
| Integra | 6061 SSRIB ↗ | STX | 110 | 249.7 | 13.4 | 2 | 30.9 | 1064 | 10 |
| Hoegemeyer | 7591V ↗ | VE | 105 | 249.6 | 12.7 | 1 | 31.9 | 1063 | 11 |
| Dyna-Gro | D49PN05RA ↗ | PCE | 109 | 248.1 | 12.7 | 1 | 32.9 | 1057 | 12 |
| Merschman | 2408C-30 GC ↗ | PCE | 108 | 247.6 | 12.7 | 1 | 30.0 | 1055 | 13 |
| FS InVision | FS 5949PC RA ↗ | PCE | 109 | 246.9 | 12.8 | 1 | 31.9 | 1052 | 14 |
| Cornelius | C7026PCE ↗ | PCE | 110 | 245.0 | 13.6 | 1 | 33.8 | 1044 | 15 |
| Integra | 5935PCE ↗ | PCE | 109 | 244.7 | 12.5 | 1 | 31.9 | 1042 | 16 |
| Cornelius | C7021DP ↗ | VT2P | 110 | 244.6 | 13.5 | 1 | 31.9 | 1042 | 17 |
| Pioneer | P0529Q GC ↗ | QR | 105 | 238.6 | 12.6 | 1 | 31.9 | 1016 | 18 |
| Wyffels | W5406RIB ↗ | VT2P | 108 | 237.0 | 14.4 | 1 | 31.9 | 1010 | 19 |
| Dyna-Gro | D50SP65RIB ↗ | STXP | 110 | 236.9 | 13.3 | 5 | 32.9 | 1009 | 20 |
| Hoegemeyer | 7836V ↗ | VE | 108 | 233.5 | 13.1 | 1 | 30.9 | 995 | 21 |
| Integra | 5802 VT2PRIB ↗ | VT2P | 108 | 230.9 | 13.0 | 9 | 30.9 | 984 | 22 |
| FS InVision | FS 5947T RIB ↗ | TRE | 109 | 223.3 | 13.2 | 38 | 34.8 | 951 | 23 |
| LG Seeds | LG58C48VT2PRIB GC ↗ | VT2P | 108 | 222.7 | 13.1 | 7 | 30.9 | 949 | 24 |
| Golden Harvest | G08U00-V ↗ | V | 108 | 220.7 | 13.4 | 7 | 30.9 | 940 | 25 |
| Renk | RK773TRE ↗ | TRE | 109 | 198.8 | 12.8 | 38 | 33.8 | 847 | 26 |
| Wyffels | W6505 ↗ | TRE | 110 | 195.3 | 13.9 | 33 | 33.8 | 832 | 27 |
| Wyffels | W6215RIB ↗ | TRE | 109 | 190.1 | 13.5 | 30 | 30.9 | 810 | 28 |
| Renk | RK766SSPRO ↗ | STXP | 109 | 185.2 | 13.3 | 30 | 32.9 | 789 | 29 |
| Rob-See-Co | RC5768-VT2P ↗ | VT2P | 107 | 181.9 | 12.8 | 33 | 30.9 | 775 | 30 |
| PIONEER | P1027AM CK | AM | 110 | 287.1 | 13.4 | 1 | 31.9 | 1223 | 1 |
| | | | | Averages = | 238.6 | 13.3 | 8 | 32.0 | 1016 |
| | | | | LSD (0.10) = | 15.4 | 0.5 | 14 | | |
| | | | | LSD (0.25) = | 8.0 | 0.3 | 7 | | |
| | | | | C.V. = | 6.1 | | | | |
| | | | | Historic yield: 227.41 bu/a, 14 yr(s) | | | | | |



Randy Meinsma

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Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.04

Prices: GMO = \$4.26

Report Date: 10/17/2024

† See last page for abbreviation descriptions. Dark colored 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 grain moisture limit for this test. **ns** = column values not significantly different. ↗ Links to full product yield results at www.firstseedtests.com

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

2024 Corn Grain Top 30 Harvest Report

Iowa West Central [IAWC] OAKLAND, IA

Mark & Keith Bentley, Pottawattamie County, IA 51560

Full-Season Test

111 - 115 Day CRM
B2024IAWC23b

Top 31 of 36

For Gross Income
(Sorted by Yield)
Average of (3) Replications

PREV. CROP/HERB:

Soybeans / Authority Supreme,
Liberty, Roundup, Clethodim

SOIL DESCRIPTION:

Marshall silty clay loam, well
drained, non-irrigated

SOIL CONDITION:

No-Till, very high P, very high K,
5.5 pH, 3.2% OM, 20.6 CEC

PEST MANAGEMENT:

Acuron, Status, Veltyma

FERTILITY - Applied N:

190 Spring

Applied N-P-K (units):

190-0-0

SEEDED - RATE - ROW:

May 10 35.0 /A 30" spacing

HARVESTED - STAND:

Oct 17 32.2 /A

TEST COMMENTS:

Planting conditions were very good. The plot received some good rains to start and emerged well. Light tar spot could be seen in the plot. In early July, the plot had over 2 3/4 inches of rain from one storm with clocked 100 mph winds. This caused some green snap in the plot. There was no root lodging. The plants not affected were standing strong and well-matured. At harvest, winds were around 40 mph. These were tall plants with large girthy ears, pollinated well. Ear shanks were getting weak. The overall look of the plot was great until you found the spots with green snap. This area also is seeing rapid dry-down.

| Company/Brand | Product/Brand | Technol.† | RM | Yield Bu/A ↓ | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|----------------|-------------------|-----------|------------|---------------------------------------|--------------|-------------|----------------|----------------------|-------------|
| Renk | RK825VT4P ↗ | VT4P | 112 | 271.0 | 14.5 | 1 | 31.9 | 1154 | 2 |
| Golden Harvest | G13U96-DV ↗ | DV | 113 | 268.2 | 14.5 | 1 | 31.9 | 1143 | 3 |
| Hoegemeyer | 8262PCE ↗ | PCE | 112 | 268.1 | 13.7 | 1 | 33.8 | 1142 | 4 |
| Wyffels | W8086RIB ↗ | VT2P | 114 | 267.9 | 15.0 | 1 | 31.9 | 1141 | 5 |
| FS InVision | FS 6349PC RA ↗ | PCE | 113 | 266.6 | 15.0 | 1 | 31.9 | 1136 | 6 |
| FS InVision | FS 6432P RIB ↗ | STXP | 114 | 264.7 | 14.4 | 1 | 31.9 | 1128 | 7 |
| Wyffels | W7485 ↗ | TRE | 112 | 263.4 | 14.1 | 2 | 32.9 | 1122 | 8 |
| Titan Pro | 33-12 PCE ↗ | PCE | 112 | 261.1 | 14.1 | 1 | 31.9 | 1112 | 9 |
| Golden Harvest | G15U34-V ↗ | V | 115 | 260.4 | 15.0 | 1 | 32.9 | 1109 | 10 |
| Dyna-Gro | D51VC95RIB ↗ | VT2P | 111 | 260.3 | 13.8 | 1 | 32.9 | 1109 | 11 |
| Hoegemeyer | 8366V ↗ | VE | 113 | 258.7 | 14.8 | 1 | 30.9 | 1102 | 12 |
| Wyffels | W7759RIB ↗ | STXP | 113 | 258.1 | 14.3 | 1 | 31.9 | 1100 | 13 |
| DeKalb | DKC66-06RIB GC ↗ | TRE | 116 | 257.1 | 15.8 | 1 | 30.9 | 1087 | 14 |
| Titan Pro | 40-13 PCE ↗ | PCE | 113 | 255.2 | 14.7 | 2 | 32.9 | 1087 | 15 |
| Epley | E2215SS ↗ | STX | 112 | 253.3 | 14.4 | 2 | 31.9 | 1079 | 16 |
| Integra | 6244PCE ↗ | PCE | 112 | 252.6 | 13.4 | 1 | 31.9 | 1076 | 17 |
| Rob-See-Co | RC6392-PCE ↗ | PCE | 113 | 250.6 | 14.5 | 1 | 31.9 | 1068 | 18 |
| Golden Harvest | G12U11-AA ↗ | AA | 112 | 250.4 | 14.0 | 1 | 31.9 | 1067 | 19 |
| Rob-See-Co | RC6539-VT2P ↗ | VT2P | 115 | 250.3 | 14.8 | 1 | 30.9 | 1066 | 20 |
| Renk | RK876VT2P ↗ | VT2P | 113 | 248.9 | 15.3 | 1 | 31.9 | 1057 | 22 |
| Dyna-Gro | D53VC54RIB ↗ | VT2P | 113 | 248.5 | 14.6 | 1 | 32.9 | 1059 | 21 |
| Renk | RK921VT2P ↗ | VT2P | 115 | 245.8 | 14.9 | 1 | 33.8 | 1047 | 23 |
| Integra | 6365SSPRO ↗ | STXP | 113 | 244.7 | 14.6 | 1 | 31.9 | 1042 | 24 |
| Merschman | 2512C-30 GC ↗ | PCE | 112 | 244.5 | 14.6 | 3 | 32.9 | 1042 | 25 |
| FS InVision | FS 6217X RIB ↗ | STX | 112 | 243.8 | 14.8 | 1 | 32.9 | 1039 | 26 |
| Wyffels | W7876RIB ↗ | VT2P | 114 | 239.2 | 14.7 | 2 | 32.9 | 1019 | 27 |
| Rob-See-Co | RC6131-TRE ↗ | TRE | 111 | 236.4 | 13.8 | 2 | 31.9 | 1007 | 28 |
| Renk | RK958VT2P ↗ | VT2P | 115 | 234.3 | 14.7 | 1 | 30.9 | 998 | 29 |
| FS InVision | FS 6447T RIB ↗ | TRE | 114 | 232.2 | 15.1 | 7 | 30.0 | 989 | 30 |
| Dyna-Gro | D53SP85RIB ↗ | STXP | 113 | 231.2 | 14.2 | 4 | 33.8 | 985 | 31 |
| PIONEER | P1027AM CK | AM | 110 | 288.5 | 14.0 | 1 | 32.9 | 1229 | 1 |
| | | | | Averages = | 247.7 | 14.5 | 3 | 32.2 | 1055 |
| | | | | LSD (0.10) = | 12.5 | 0.5 | 9 | | |
| | | | | LSD (0.25) = | 6.5 | 0.3 | 5 | | |
| | | | | C.V. = | 4.8 | | | | |
| | | | | Historic yield: 227.41 bu/a, 14 yr(s) | | | | | |



Randy Meinsma

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Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.04

Prices: GMO = \$4.26

Report Date: 10/17/2024

† See last page for abbreviation descriptions. Dark colored 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 grain moisture limit for this test. **ns** = column values not significantly different. ↗ Links to full product yield results at www.firstseedtests.com

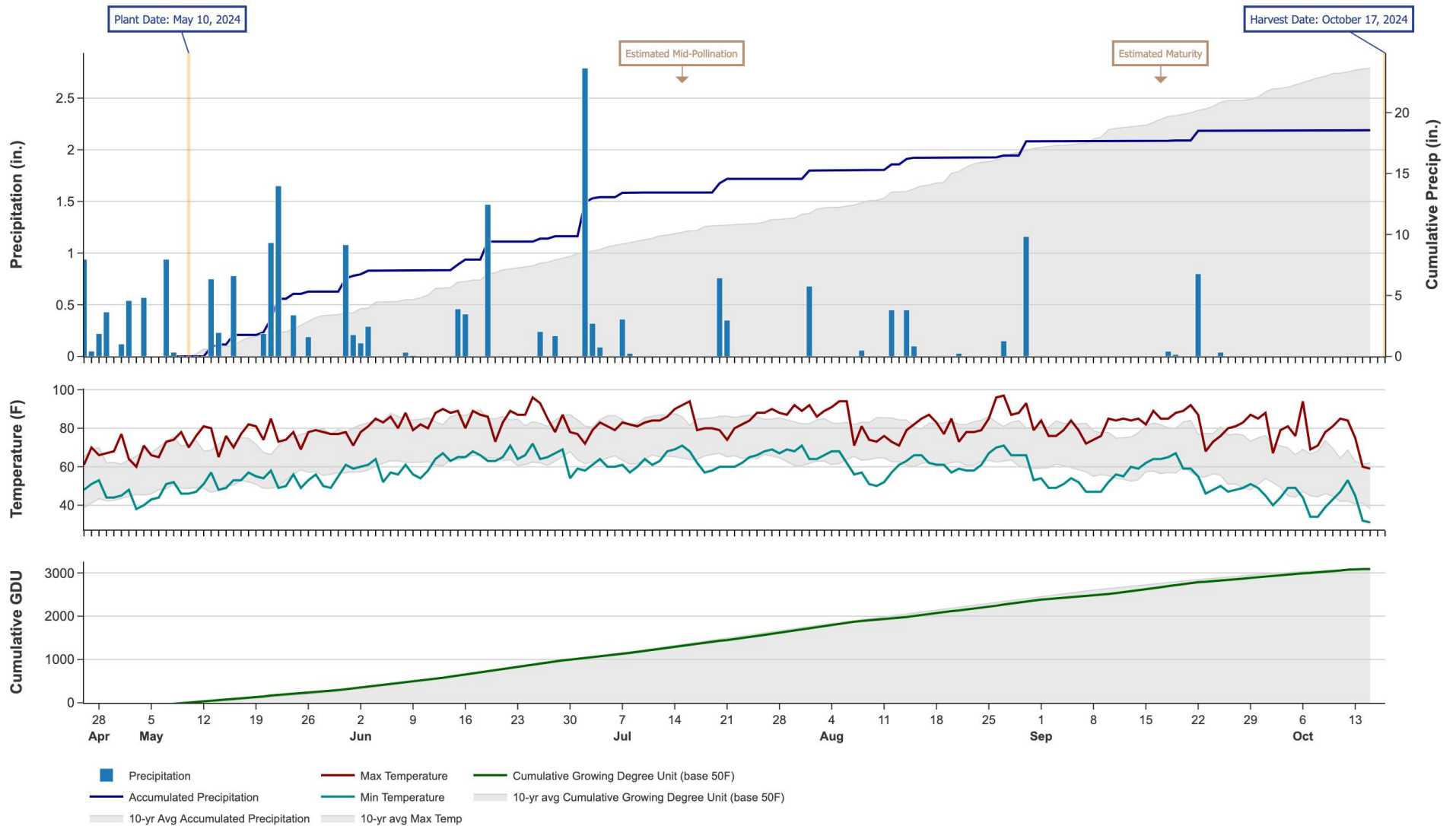
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Additional reports available at www.firstseedtests.com

2024 Corn - Iowa West Central [IAWC]

Weather Conditions Summary at OAKLAND, IA

| Monthly Total | Apr* | May | Jun | Jul | Aug | Sep | Oct* | Total |
|----------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------------------|
| Precip (in) (Diff) | 1.6 0.7 (+1.0) | 8.6 4.8 (+3.8) | 3.5 4.6 (-1.2) | 4.7 3.5 (+1.2) | 3.1 5.4 (-2.3) | 0.9 4.2 (-3.3) | 0.0 2.4 (-2.4) | 22.4 25.6 (-3.2) |
| GDU Avg (Diff) | 43 39 (+3) | 409 376 (+32) | 682 701 (-19) | 709 756 (-47) | 660 702 (-42) | 538 524 (+13) | 186 132 (+53) | 3227 3231 (-4) |



* First monthly total starts on the date 14 days prior to planting and final monthly total ends on the harvest date.

Note: Weather information from PRISM Climate Group. Data may be revised by the provider after retrieval. FIRST will not revise or update reports to reflect any weather data changes. For information purposes only.

2024 Corn - Iowa West Central [IAWC]

Early-Season Test Products (30 Total)

| Company/Brand | Product/Brand | Technology | RIB | RM | Seed Treat. |
|----------------|-------------------|------------|-----|-----|---------------|
| Cornelius | C7021DP | VT2P | N | 110 | CM,C2,Vi,Va |
| Cornelius | C7026PCE | PCE | N | 110 | CM,C2,Vi,Va |
| Dyna-Gro | D49PN05RA | PCE | Y | 109 | AC,P5V |
| Dyna-Gro | D50SP65RIB | STXP | Y | 110 | AC,P5V,EDC-B |
| FS InVision | FS 5935X RIB | STX | Y | 109 | AC,P5V |
| FS InVision | FS 5947T RIB | TRE | Y | 109 | AC,P5V,EDC-EL |
| FS InVision | FS 5949PC RA | PCE | Y | 109 | AC,P5V |
| FS InVision | FS 6025X RIB | STX | Y | 110 | AC,P5V |
| FS InVision | FS 6042F RIB | VT4P | Y | 110 | AC,P5V,EDC-EL |
| Golden Harvest | G08U00-V | V | Y | 108 | CM,C1,Vi,Va |
| Hoegemeyer | 7591V | VE | Y | 105 | Lum, L1 |
| Hoegemeyer | 7836V | VE | Y | 108 | Lum, L1 |
| Hoegemeyer | 8014PCE | PCE | Y | 110 | Lum, L1 |
| Hoegemeyer | 8046V | VE | Y | 110 | Lum, L1 |
| Integra | 5802 VT2PRIB | VT2P | Y | 108 | AC,P5V,St,SU |
| Integra | 5935PCE | PCE | Y | 109 | AC,P5V,St,SU |
| Integra | 6061 SSRIB | STX | Y | 110 | AC,P5V,St,SU |
| LG Seeds | LG58C48VT2PRIB GC | VT2P | Y | 108 | AC,P5V |
| Merschman | 2408C-30 GC | PCE | N* | 108 | NA |
| Pioneer | P0529Q GC | QR | Y | 105 | Lum, L1 |
| Pioneer | P1027AM CK | AM | Y | 110 | Lum |
| Renk | RK766SSPRO | STXP | Y* | 109 | AC,P5V,EDC-EL |
| Renk | RK773TRE | TRE | Y* | 109 | AC,P2 |
| Renk | RK800VT4PRO | VT4P | N | 110 | AC,P5V,EDC-EL |
| Rob-See-Co | RC5768-VT2P | VT2P | Y | 107 | CM,C2,Vi,Va |
| Rob-See-Co | RC6026-PCE | PCE | Y | 110 | CM,C2,Vi,Va |
| Wyffels | W5406RIB | VT2P | Y* | 108 | CM,C2,Vi,Va |
| Wyffels | W6215RIB | TRE | Y* | 109 | CM,C2,Vi,Va |
| Wyffels | W6479 | STXP | N | 110 | AC,P5V |
| Wyffels | W6505 | TRE | N | 110 | AC,P5V |

* FIRST does not inspect products for refuge blend. N* indicates the product was entered without a refuge component by the sponsoring seed company. Prior year entries may contain refuge blend.

2024 Corn - Iowa West Central [IAWC]

Full-Season Test Products (36 Total)

| Company/Brand | Product/Brand | Technology | RIB | RM | Seed Treat. |
|----------------|----------------|------------|-----|-----|---------------|
| DeKalb | DKC66-06RIB GC | TRE | Y | 116 | AC,P5V |
| Dyna-Gro | D51VC95RIB | VT2P | Y | 111 | AC,P5V |
| Dyna-Gro | D53SP85RIB | STXP | Y | 113 | AC,P5V |
| Dyna-Gro | D53VC54RIB | VT2P | Y | 113 | AC,P5V |
| Epley | E2215SS | STX | N* | 112 | F,I |
| FS InVision | FS 6217X RIB | STX | Y | 112 | AC,P5V |
| FS InVision | FS 6245V RIB | VT2P | Y | 112 | AC,P5V,EDC-EL |
| FS InVision | FS 6349PC RA | PCE | Y | 113 | CM,C2,Vi,Va |
| FS InVision | FS 6432P RIB | STXP | Y | 114 | AC,P5V |
| FS InVision | FS 6447T RIB | TRE | Y | 114 | AC,P5V,EDC-EL |
| Golden Harvest | G12U11-AA | AA | Y | 112 | CM,C1,Vi,Va |
| Golden Harvest | G13U96-DV | DV | Y | 113 | CM,C1,Vi,Va |
| Golden Harvest | G15U34-V | V | Y | 115 | CM,C2,Vi,Va |
| Hoegemeyer | 8262PCE | PCE | Y | 112 | Lum, L1 |
| Hoegemeyer | 8366V | VE | Y | 113 | Lum, L1 |
| Integra | 6244PCE | PCE | N | 112 | NA |
| Integra | 6274 VT2PRIB | VT2P | Y | 112 | NA |
| Integra | 6365SSPRO | STXP | Y | 113 | NA |
| Integra | 6493 VT2PRIB | VT2P | Y* | 114 | NA |
| Merschman | 2512C-30 GC | PCE | N* | 112 | CM,C2,Vi,Va |
| Pioneer | P1027AM CK | AM | Y | 110 | Lum |
| Renk | RK825VT4P | VT4P | N | 112 | AC,P5V,EDC-EL |
| Renk | RK876VT2P | VT2P | Y* | 113 | AC,P2 |
| Renk | RK921VT2P | VT2P | N | 115 | AC,P5V,EDC-EL |
| Renk | RK958VT2P | VT2P | Y* | 115 | AC,P2 |
| Rob-See-Co | RC6131-TRE | TRE | Y | 111 | AC,P2 |
| Rob-See-Co | RC6392-PCE | PCE | N | 113 | CM,C2,Vi,Va |
| Rob-See-Co | RC6411-VT2P | VT2P | Y | 114 | CM,C2,Vi,Va |
| Rob-See-Co | RC6539-VT2P | VT2P | Y | 115 | AC,P5V,EDC-B |
| Titan Pro | 33-12 PCE | PCE | N | 112 | CM,C2,Vi,Va |
| Titan Pro | 40-13 PCE | PCE | Y | 113 | CM,C2,Vi,Va |
| Wyffels | W7485 | TRE | N | 112 | AC,P5V |
| Wyffels | W7759RIB | STXP | Y* | 113 | CM,C2,Vi,Va |
| Wyffels | W7876RIB | VT2P | Y | 114 | CM,C2,Vi,Va |
| Wyffels | W7945RIB | TRE | Y* | 114 | CM,C2,Vi,Va |
| Wyffels | W8086RIB | VT2P | Y* | 114 | CM,C2,Vi,Va |

* FIRST does not inspect products for refuge blend. N* indicates the product was entered without a refuge component by the sponsoring seed company. Prior year entries may contain refuge blend.

Footnotes and Abbreviations Descriptions

Brand Footnotes

| | |
|----|--|
| CK | Identifies a check product included in early- and full-season tests. |
| GC | Grower Comparison product included by FIRST when space permits. |
| ^ | Innotech™ brand seed is distributed by Rob-See-Co, LLC. Innotech™ is a trademark of Syngenta. Power Plus® brand seed is distributed by Burrus. Power Plus® is a registered trademark of Corteva Agriscience. |

Corn Technologies

| | |
|------|---|
| AA | Agrisure® Above (CB,HX,LL,GT), formerly Agrisure® 3120 |
| AM | Optimum® AcreMax® |
| DV | DuracadeViptera™ (Vip,CB,HX,RW,RW2,LL,GT), formerly Agrisure Duracade® 5222 |
| PCE | PowerCore® Enlist® |
| QR | Qrome® |
| STX | SmartStax® |
| STXP | SmartStax® Pro with RNAi Technology |
| TRE | Trecepta® |
| V | Viptera™ (Vip,CB,HX,LL,GT), formerly Agrisure Viptera® 3220 |
| VE | Vorceed™ Enlist® |
| VT2P | VT Double PRO® |
| VT4P | VT4Pro™ with RNAi Technology |

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

Corn Seed Treatments*

| | |
|---------------|--|
| NA | Not Available |
| AC,P2 | Acceleron® 250 |
| AC,P5V | Acceleron® Poncho 500/Votivo |
| AC,P5V,EDC-B | Acceleron® BASIC Poncho 500/Votivo with Enhanced Disease Control |
| AC,P5V,EDC-EL | Acceleron® ELITE Poncho 500/Votivo with Enhanced Disease Control |
| AC,P5V,St,SU | Acceleron® Poncho 500/Votivo, Stamina, StepUp |
| CM,C1,Vi,Va | CruiserMaxx® 1250 with Vibrance, Vayantis® |
| CM,C2,Vi,Va | CruiserMaxx® 250 with Vibrance, Vayantis® |
| F,I | Fungicide, Insecticide |
| Lum | LumiGEN™ (Corteva Agriscience) |
| Lum, L1 | LumiGEN, Lumisure 1250 |

* Seed treatments may include unspecified plant health promoting components.