

Test by: M&D Seed Research, LLC Van Buren, IN

2019 Corn Grain Top 30 Harvest Report

Indiana Central [INCE] OTTERBEIN, IN
Steve Gick, Benton County, IN 47970

Early-Season Test 105 - 110 Day CRM
B2019INCE11a

Top 30 of 30 For Gross Income
(Sorted by Yield)
Average of (3) Replications

PREV. CROP/HERB: Soybean / Dicamba, Round-up

SOIL DESCRIPTION: Gilboa, Corwin silt loam , mod. well
drained

SOIL CONDITION: Conventional W/O Fall Till, medium
P, low K, 6.7 pH, 3.7% OM, 14.7
CEC

PEST MANAGEMENT: Corvus, Atrazine, Force, Callisto,
Quilt XI

FERTILITY - Applied N: 40.0 Fall, 30 Spring, 170 Sidedress

Applied N-P-K (units): 240-60-40

SEDED - RATE - ROW: May 14 33.9 /A 30" spacing

HARVESTED - STAND: Oct 2 32.8 /A

TEST COMMENTS:

This location was planted timely and combined with plenty of early heat and moisture caused excellent emergence at the beginning. This was followed by a very dry mid season during pollinating which led to a lower yielding and varied plot. Maturity, drainage, and soil types also led to variations within the plot at this site. Plot was standing well and very little kernel disease was present.

| Company/Brand | Product/Brand | Technol.† | RM | Yield Bu/A | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank | |
|----------------|------------------|-----------|-----|--------------|--------------|-------------|----------------|----------------------|------------|--|
| FS INVISION | FS 59VL1 EZR | 3220,B | 109 | 172.3 | 20.8 | 1 | 32.6 | 621 | 1 | |
| CHANNEL | 209-15VT2PRIB | VT2P,B | 109 | 166.5 | 18.5 | 1 | 33.0 | 610 | 2 | |
| AUGUSTA | A4658 | 3220,B | 108 | 163.2 | 19.9 | 1 | 32.1 | 592 | 5 | |
| DAIRYLAND | DS-4840AM | AM,B | 108 | 161.0 | 17.6 | 1 | 32.6 | 593 | 4 | |
| DAIRYLAND | DS-5018AM | AM,B | 110 | 159.7 | 18.1 | 1 | 33.5 | 586 | 6 | |
| AUGUSTA | A4760 | VT2P | 109 | 158.2 | 21.5 | 1 | 32.6 | 567 | 7 | |
| DAIRYLAND | DS-4910AML | AML | 109 | 156.1 | 19.6 | 1 | 32.6 | 567 | 8 | |
| AUGUSTA | A1059 | 3110 | 109 | 153.8 | 19.8 | 1 | 33.0 | 558 | 10 | |
| EBBERTS | 6138VT2PRIB | VT2P,B | 108 | 152.3 | 18.0 | 1 | 33.0 | 560 | 9 | |
| SPECIALTY | 40D148 | VT2P,B | 110 | 151.2 | 18.6 | 1 | 33.5 | 553 | 12 | |
| AUGUSTA | A4958 | 3120,B | 107 | 150.3 | 17.8 | 1 | 33.0 | 553 | 11 | |
| GOLDEN HARVEST | G09A86-3330-EZR | 3330,B | 109 | 150.0 | 20.9 | 1 | 33.0 | 540 | 16 | |
| NK BRAND | NK0962-3220A-EZR | 3220,A,B | 109 | 148.5 | 18.0 | 1 | 33.5 | 546 | 13 | |
| FS INVISION | FS 60UV1 RIB | VT2P,B | 110 | 147.8 | 17.6 | 1 | 33.0 | 545 | 14 | |
| SPECIALTY | 38A388 | STX,B | 108 | 147.4 | 17.3 | 1 | 33.0 | 544 | 15 | |
| GOLDEN HARVEST | G09Y24-3220A-EZR | 3220,A,B | 109 | 146.4 | 18.7 | 2 | 32.6 | 535 | 17 | |
| NK BRAND | NK0886-3120-EZR | 3120,B | 108 | 144.9 | 17.4 | 1 | 33.0 | 535 | 18 | |
| EBBERTS | 6899VT2PRIB | VT2P,B | 108 | 144.7 | 17.8 | 1 | 32.6 | 532 | 20 | |
| GOLDEN HARVEST | G08M20-3120-EZR | 3120,B | 108 | 144.6 | 17.4 | 1 | 32.6 | 534 | 19 | |
| FS INVISION | FS 57ZV1 RIB | VT2P,B | 107 | 144.2 | 17.5 | 2 | 33.0 | 532 | 21 | |
| EBBERTS | 9356SSXRIB | STX,B | 106 | 144.0 | 18.8 | 1 | 32.1 | 526 | 23 | |
| CHANNEL | 210-79DGVT2PRIB | VT2P,DG,B | 110 | 142.8 | 17.0 | 1 | 32.1 | 528 | 22 | |
| PURPLE RIBBON | 19R09VT2PRIB | VT2P,B | 109 | 142.7 | 17.7 | 2 | 32.6 | 526 | 24 | |
| FS INVISION | FS 58RL1 EZR | 3220,B | 108 | 142.0 | 19.7 | 1 | 33.0 | 516 | 25 | |
| NK BRAND | NK1082-3330A-EZR | 3330,A,B | 110 | 139.6 | 18.6 | 1 | 33.0 | 511 | 26 | |
| FS INVISION | FS 5594V RIB | VT2P,B | 105 | 137.2 | 17.6 | 1 | 32.6 | 506 | 28 | |
| EBBERTS | 6910VT2P | VT2P,B | 110 | 137.0 | 19.0 | 1 | 33.5 | 500 | 29 | |
| AUGUSTA | A4858 | 3010,B | 108 | 136.9 | 17.3 | 1 | 32.6 | 506 | 27 | |
| PIONEER | P0825AM GC | AM,B | 108 | 136.0 | 19.6 | 1 | 33.5 | 494 | 30 | |
| PIONEER | P1197AM CK | AM,B | 111 | 164.5 | 19.6 | 1 | 32.1 | 598 | 3 | |
| | | | | Averages = | 149.5 | 18.6 | 1 | 32.8 | 547 | |
| | | | | LSD (0.10) = | 12.0 | 0.7 | 1 | | | |
| | | | | LSD (0.25) = | 6.3 | 0.4 | 0 | | | |
| | | | | C.V. = | 7.6 | | | | | |

Matt Turner

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Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.025

Prices: GMO = \$3.75

Report Date: 10/03/2019

Revised:10/11/2019

Additional reports available at www.firstseedtests.com

† 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

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Test by: M&D Seed Research, LLC Van Buren, IN

2019 Corn Grain Top 30 Harvest Report

Indiana Central [INCE] OTTERBEIN, IN
Steve Gick, Benton County, IN 47970

Full-Season Test 111 - 114 Day CRM
B2019INCE11b

Top 30 of 36 For Gross Income
(Sorted by Yield)
Average of (2) Replications

PREV. CROP/HERB: Soybean / Dicamba, Round-up

SOIL DESCRIPTION: Gilboa, Corwin silt loam , mod. well
drained

SOIL CONDITION: Conventional W/O Fall Till, medium
P, low K, 6.7 pH, 3.7% OM, 14.7
CEC

PEST MANAGEMENT: Corvus, Atrazine, Force, Callisto,
Quilt XI

FERTILITY - Applied N: 40.0 Fall, 30 Spring, 170 Sidedress

Applied N-P-K (units): 240-60-40

SEEDING - RATE - ROW: May 14 33.9 /A 30" spacing

HARVESTED - STAND: Oct 2 32.7 /A

TEST COMMENTS:

This location was planted timely and combined with plenty of early heat and moisture caused excellent emergence at the beginning. This was followed by a very dry mid season during pollinating which led to a lower yielding and varied plot. Maturity, drainage, and soil types also led to variations within the plot at this site. Plot was standing well and very little kernel disease was present.

| Company/Brand | Product/Brand | Technol.† | RM | Yield Bu/A | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|----------------|------------------|-----------|-----|--------------|------------|-----------|----------------|----------------------|------|
| WYFFELS | W7696RIB | VT2P,B | 113 | 181.8 | 23.0 | 1 | 33.3 | 645 | 1 |
| WYFFELS | W7878 | STX | 114 | 176.4 | 23.4 | 1 | 33.3 | 624 | 2 |
| GOLDEN HARVEST | G13Z50-3220-EZR | 3220,B | 113 | 171.5 | 21.4 | 1 | 33.3 | 616 | 3 |
| WYFFELS | W7726 | VT2P | 113 | 168.6 | 21.0 | 1 | 32.6 | 607 | 4 |
| GOLDEN HARVEST | G14N11-3110 | 3110 | 114 | 166.4 | 23.2 | 1 | 32.6 | 590 | 6 |
| FS INVISION | FS 62ZV1 RIB | VT2P,B | 112 | 165.3 | 21.4 | 1 | 32.6 | 593 | 5 |
| EBBERTS | 6121VT2PRIB | VT2P,B | 111 | 162.2 | 20.8 | 1 | 32.6 | 585 | 8 |
| PURPLE RIBBON | 18T13VT2PRIB | VT2P,B | 113 | 162.1 | 20.4 | 1 | 32.6 | 586 | 7 |
| SPECIALTY | 42A458 | STX,B | 112 | 162.1 | 21.5 | 1 | 32.6 | 582 | 9 |
| PURPLE RIBBON | 18A12VT2PRIB | VT2P,B | 112 | 161.1 | 21.2 | 1 | 32.6 | 579 | 10 |
| CHANNEL | 213-93STXRIB | STX,B | 113 | 160.8 | 24.8 | 1 | 32.6 | 564 | 15 |
| EBBERTS | 6552VT2PRIB | VT2P,B | 112 | 160.0 | 20.7 | 1 | 33.3 | 577 | 11 |
| GOLDEN HARVEST | G12U17-3010 | 3010 | 112 | 159.4 | 22.4 | 1 | 33.3 | 568 | 13 |
| NK BRAND | NK1354-3220-EZR | 3220,B | 113 | 159.0 | 22.8 | 1 | 32.6 | 565 | 14 |
| DEKALB | DKC64-34RIB GC | STX,B | 114 | 158.5 | 23.9 | 1 | 32.6 | 559 | 17 |
| WYFFELS | W7198 | STX | 112 | 158.0 | 23.0 | 1 | 32.6 | 561 | 16 |
| AUGUSTA | A4565 | 3220 | 115 | 158.0 | 25.4 | 1 | 32.6 | 551 | 22 |
| PARTNERS BRAND | PB 8230-DVT2P GC | VT2P,DG | 112 | 157.6 | 20.6 | 1 | 31.9 | 569 | 12 |
| AUGUSTA | A6162 | 3220,B | 112 | 154.8 | 23.3 | 1 | 32.6 | 548 | 23 |
| FS INVISION | FS 64SV1 RIB | VT2P,B | 114 | 154.1 | 24.0 | 1 | 32.6 | 543 | 25 |
| DAIRYLAND | DS-9412RA | STX,B | 112 | 153.5 | 23.5 | 1 | 32.6 | 543 | 24 |
| NK BRAND | NK1460-3110 | 3110 | 114 | 153.5 | 21.1 | 1 | 32.6 | 552 | 21 |
| CHANNEL | 211-44STXRIB | STX,B | 111 | 153.2 | 19.3 | 1 | 33.3 | 558 | 18 |
| PARTNERS BRAND | PB 8335-VT2P GC | VT2P,B | 113 | 153.2 | 20.1 | 1 | 31.2 | 555 | 19 |
| FS INVISION | FS 6194V RIB | VT2P,B | 111 | 151.9 | 19.1 | 1 | 31.9 | 554 | 20 |
| FS INVISION | FS 6299L2 EZR | 3220,B | 112 | 151.6 | 22.7 | 1 | 33.3 | 540 | 27 |
| NK BRAND | NK1205-3120-EZR | 3120,B | 112 | 146.9 | 21.0 | 1 | 31.9 | 528 | 29 |
| PURPLE RIBBON | 20R11VT2P | VT2P | 111 | 146.7 | 19.2 | 1 | 31.9 | 535 | 28 |
| DAIRYLAND | DS-5319AM | AM,B | 112 | 146.0 | 21.2 | 1 | 32.6 | 525 | 30 |
| FS INVISION | FS 63ZX1 RIB | STX,B | 113 | 140.9 | 20.8 | 1 | 33.3 | 508 | 31 |
| PIONEER | P1197AM CK | AM,B | 111 | 149.3 | 20.1 | 1 | 33.3 | 541 | 26 |

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Averages = **155.3** **22.0** **1** **32.7** **555**
LSD (0.10) = 15.3 1.3 0
LSD (0.25) = 8.0 0.7 0
C.V. = 7.5

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.75

2019 Corn - Indiana Central [INCE]

Early-Season Test Products (30 Total)

| Company/Brand | Brand/Product | Technology | RM |
|----------------|------------------|------------|-----|
| AUGUSTA | A1059 | 3110 | 109 |
| AUGUSTA | A4658 | 3220,B | 108 |
| AUGUSTA | A4760 | VT2P | 109 |
| AUGUSTA | A4858 | 3010,B | 108 |
| AUGUSTA | A4958 | 3120,B | 107 |
| CHANNEL | 209-15VT2PRIB | VT2P,B | 109 |
| CHANNEL | 210-79DGV2PRIB | VT2P,DG,B | 110 |
| DAIRYLAND | DS-4840AM | AM,B | 108 |
| DAIRYLAND | DS-4910AML | AML | 109 |
| DAIRYLAND | DS-5018AM | AM,B | 110 |
| EBBERTS | 6138VT2PRIB | VT2P,B | 108 |
| EBBERTS | 6899VT2PRIB | VT2P,B | 108 |
| EBBERTS | 6910VT2P | VT2P,B | 110 |
| EBBERTS | 9356SSXRIB | STX,B | 106 |
| FS INVISION | FS 5594V RIB | VT2P,B | 105 |
| FS INVISION | FS 57ZV1 RIB | VT2P,B | 107 |
| FS INVISION | FS 58RL1 EZR | 3220,B | 108 |
| FS INVISION | FS 59VL1 EZR | 3220,B | 109 |
| FS INVISION | FS 60UV1 RIB | VT2P,B | 110 |
| GOLDEN HARVEST | G08M20-3120-EZR | 3120,B | 108 |
| GOLDEN HARVEST | G09A86-3330-EZR | 3330,B | 109 |
| GOLDEN HARVEST | G09Y24-3220A-EZR | 3220,A,B | 109 |
| NK BRAND | NK0886-3120-EZR | 3120,B | 108 |
| NK BRAND | NK0962-3220A-EZR | 3220,A,B | 109 |
| NK BRAND | NK1082-3330A-EZR | 3330,A,B | 110 |
| PIONEER | P0825AM GC | AM,B | 108 |
| PIONEER | P1197AM CK | AM,B | 111 |
| PURPLE RIBBON | 19R09VT2PRIB | VT2P,B | 109 |
| SPECIALTY | 38A388 | STX,B | 108 |
| SPECIALTY | 40D148 | VT2P,B | 110 |

2019 Corn - Indiana Central [INCE]

Full-Season Test Products (36 Total)

| Company/Brand | Brand/Product | Technology | RM |
|----------------|------------------|------------|-----|
| AUGUSTA | A4565 | 3220 | 115 |
| AUGUSTA | A6162 | 3220,B | 112 |
| CHANNEL | 211-44STXRIB | STX,B | 111 |
| CHANNEL | 213-72VT2PRIB | VT2P,B | 113 |
| CHANNEL | 213-93STXRIB | STX,B | 113 |
| DAIRYLAND | DS-5319AM | AM,B | 112 |
| DAIRYLAND | DS-5329AM | AM,B | 113 |
| DAIRYLAND | DS-9412RA | STX,B | 112 |
| DEKALB | DKC64-34RIB GC | STX,B | 114 |
| EBBERTS | 6121VT2PRIB | VT2P,B | 111 |
| EBBERTS | 6552VT2PRIB | VT2P,B | 112 |
| FS INVISION | FS 6194V RIB | VT2P,B | 111 |
| FS INVISION | FS 6299L2 EZR | 3220,B | 112 |
| FS INVISION | FS 62ZV1 RIB | VT2P,B | 112 |
| FS INVISION | FS 63ZX1 RIB | STX,B | 113 |
| FS INVISION | FS 64SV1 RIB | VT2P,B | 114 |
| GOLDEN HARVEST | G12U17-3010 | 3010 | 112 |
| GOLDEN HARVEST | G13Z50-3220-EZR | 3220,B | 113 |
| GOLDEN HARVEST | G14N11-3110 | 3110 | 114 |
| NK BRAND | NK1205-3120-EZR | 3120,B | 112 |
| NK BRAND | NK1354-3220-EZR | 3220,B | 113 |
| NK BRAND | NK1460-3110 | 3110 | 114 |
| PARTNERS BRAND | PB 8230-DVT2P GC | VT2P,DG | 112 |
| PARTNERS BRAND | PB 8335-VT2P GC | VT2P,B | 113 |
| PIONEER | P1197AM CK | AM,B | 111 |
| PURPLE RIBBON | 18A12VT2PRIB | VT2P,B | 112 |
| PURPLE RIBBON | 18T13VT2PRIB | VT2P,B | 113 |
| PURPLE RIBBON | 19R14VT2PRIB | VT2P,B | 114 |
| PURPLE RIBBON | 20A11VT2P | VT2P | 111 |
| PURPLE RIBBON | 20R11VT2P | VT2P | 111 |
| SPECIALTY | 42A458 | STX,B | 112 |
| SPECIALTY | 44A158 | STX,B | 114 |
| WYFFELS | W7198 | STX | 112 |
| WYFFELS | W7696RIB | VT2P,B | 113 |
| WYFFELS | W7726 | VT2P | 113 |
| WYFFELS | W7878 | STX | 114 |

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*

| | | | | | |
|--------|---|------|--|------|---|
| 3010 | Agrisure® 3010 (CB,LL,GT) | AMXT | Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2) | OI | Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2) |
| 3011,A | Agrisure® Artesian® (CB,RW,LL,GT) | AQ | Optimum® AQUAMax® | OIX | Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2) |
| 3110 | Agrisure® Viptera® 3110 (Vip, CB,LL,GT) | B | Refuge blend product | OIXT | Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2) |
| 3111 | Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT) | CB | Agrisure® Corn Borer | PC | PowerCore™ (HX, VT2P) |
| 3120 | Agrisure® 3120 (CB,HX,LL,GT) | DG | Genuity® DroughtGard® | RR2 | Roundup Ready® 2 Corn |
| 3122 | Agrisure® 3122 (CB,HXX,RW,LL,GT) | E | Enlist™ (2,4-D, glyphosate, fop herbicide tolerance) | RW | Agrisure® Rootworm |
| 3220 | Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT) | GT | Agrisure® GT | STX | SmartStax® (VT3P,HXT,RR2,LL) |
| 3330 | Agrisure® Viptera® 3330 (Vip,CB,HX,LL,GT) | HX | Herculex® 1, contains LL | TRE | Genuity® Trecepta™ |
| A | Agrisure® Artesian® | HXRW | Herculex® Rootworm, contains LL | VT2P | Genuity® VT Double PRO® |
| AM | Optimum® AcreMax® (YGCB,HX,LL,RR2) | HXT | Herculex® Xtra (HX,HXRW,LL) | VT3P | Genuity® VT Triple PRO® |
| AMT | Optimum® AcreMax®TRIssect (HX,RW,LL,RR2) | LL | LibertyLink® | YGCB | YieldGard® Corn Borer |
| AMX | Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2) | None | conventional corn | | |

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