

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

2019 Corn Grain Top 30 Harvest Report

Ohio Northeast [OHNW] ARCHBOLD, OH
Rupp Seeds John King, Fulton County, OH 43567

Early-Season Test 103 - 108 Day CRM
B2019OHNW15a

Top 30 of 36 For Gross Income
(Sorted by Yield)
Average of (4) Replications

PREV. CROP/HERB: Soybean / NA

SOIL DESCRIPTION: Gilford sandy loam, moderately
drained, non-irrigated

SOIL CONDITION: Conventional W/O Fall Till, high P,
medium K, 5.9 pH, 2.3% OM, 8.0
CEC

PEST MANAGEMENT: Acuron, Force

FERTILITY - Applied N: 165 Sidedress

Applied N-P-K (units): 165-0-0

SEEDED - RATE - ROW: Jun 8 33.5 /A 30" spacing

HARVESTED - STAND: Nov 4 32.4 /A

TEST COMMENTS:

This is a well drained, very fertile location that is highly productive and uniform. Due to the wet spring this site was planted later than usual but went onto be a high yielding, high moisture plot because of summer rains and favorable mid and late season growing conditions. This site had some sporadic lodging at harvest. Plants were still very healthy looking and had some green in them at harvest. Due to wet conditions, only the early-season test was harvested on 4-Nov. The full-season test data will be added when available.

| Company/Brand | Product/Brand | Technol.† | RM | Yield Bu/A | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank | |
|--------------------|---------------------|---------------|------------|---------------------|--------------|-------------|----------------|----------------------|------------|--|
| EBBERTS | 6899VT2PRIB | VT2P,B | 108 | 248.4 | 30.7 | 5 | 32.3 | 834 | 8 | |
| EBBERTS | 6138VT2PRIB | VT2P,B | 108 | 246.8 | 29.3 | 2 | 32.3 | 838 | 5 | |
| EBBERTS | 9356SSXRIB | STX,B | 106 | 245.9 | 26.6 | 2 | 32.6 | 851 | 2 | |
| FS INVISION | FS 5594V RIB | VT2P,B | 105 | 243.8 | 24.7 | 2 | 32.3 | 855 | 1 | |
| PROHARVEST | 6828SS | STX | 107 | 241.9 | 24.9 | 1 | 32.3 | 847 | 3 | |
| PROHARVEST | 6746SS | STX | 106 | 241.9 | 27.3 | 2 | 32.9 | 833 | 9 | |
| DEKALB | DKC57-97RIB GC | STX,B | 107 | 240.7 | 28.7 | 1 | 31.6 | 820 | 15 | |
| <i>FS INVISION</i> | <i>FS 58RL1 EZR</i> | <i>3220,B</i> | <i>108</i> | <i>240.2</i> | <i>31.5</i> | <i>1</i> | <i>32.9</i> | <i>802</i> | <i>20</i> | |
| RUPP | XR D06-53 | VT2P,B | 106 | 239.2 | 26.3 | 5 | 32.3 | 829 | 12 | |
| FS INVISION | FS 57ZV1 RIB | VT2P,B | 107 | 239.2 | 25.4 | 1 | 32.6 | 835 | 7 | |
| FS INVISION | FS 53ZX1 RIB | STX,B | 103 | 239.2 | 25.7 | 2 | 32.6 | 833 | 10 | |
| LOCAL SEED CO | LC0297 SSX | STX | 102 | 238.6 | 26.6 | 1 | 31.9 | 826 | 14 | |
| RUPP | XR D01-90 | VT2P,B | 101 | 237.9 | 23.6 | 1 | 32.2 | 841 | 4 | |
| RUPP | XR D07-72 | VT2P,B | 107 | 236.8 | 25.1 | 2 | 32.6 | 828 | 13 | |
| LOCAL SEED CO | LC0488 SSXRIB | STX,B | 104 | 236.7 | 23.5 | 1 | 32.6 | 837 | 6 | |
| BUCKEYE HYBRIDS | RR8802VT2P | VT2P,B | 108 | 235.1 | 26.7 | 3 | 32.3 | 813 | 16 | |
| RUPP | XR D03-07 | VT2P,B | 103 | 234.9 | 23.1 | 3 | 32.9 | 833 | 11 | |
| SEED CONSULTANTS | SCS 1087YHR | OI | 108 | 233.8 | 29.5 | 7 | 32.9 | 792 | 26 | |
| SEED CONSULTANTS | SCS 10HR43 | HX,RR2,B | 104 | 231.4 | 25.5 | 2 | 31.9 | 807 | 17 | |
| FS INVISION | FS 55RL1 EZR | 3220,B | 105 | 231.3 | 29.4 | 2 | 31.9 | 784 | 29 | |
| AUGUSTA | A4858 | 3010,B | 108 | 231.0 | 27.7 | 1 | 32.6 | 793 | 25 | |
| NK BRAND | NK0624-3220-EZR | 3220,B | 106 | 230.9 | 28.8 | 2 | 32.3 | 786 | 28 | |
| AUGUSTA | A2856 | 3220,B | 105 | 229.8 | 28.6 | 9 | 32.3 | 784 | 30 | |
| GOLDEN HARVEST | G08M20-3120-EZR | 3120,B | 108 | 229.6 | 26.1 | 4 | 32.6 | 798 | 23 | |
| AUGUSTA | A4958 | 3120,B | 107 | 229.4 | 25.4 | 3 | 32.9 | 801 | 21 | |
| NK BRAND | NK0440-3122-EZR | 3122,B | 104 | 229.1 | 25.4 | 12 | 32.3 | 800 | 22 | |
| SEED CONSULTANTS | SCS 1069YHR | OI | 106 | 225.8 | 26.3 | 28 | 32.3 | 783 | 31 | |
| GRO-MOR | GM56DP69 GC | VT2P,B | 106 | 225.6 | 25.0 | 1 | 32.3 | 790 | 27 | |
| LOCAL SEED CO | ZS0398 3110 | 3110 | 103 | 225.4 | 22.4 | 6 | 32.2 | 803 | 18 | |
| GOLDEN HARVEST | G03R40-3110 | 3110 | 103 | 225.1 | 22.3 | 14 | 32.9 | 803 | 19 | |
| PIONEER | P0825AM CK | AM,B | 108 | 230.4 | 27.2 | 6 | 31.6 | 794 | 24 | |
| | | | | Averages = | 233.2 | 26.5 | 5 | 32.4 | 808 | |
| | | | | LSD (0.10) = | 10.0 | 0.7 | 7 | | | |
| | | | | LSD (0.25) = | 5.2 | 0.4 | 4 | | | |
| | | | | C.V. = | 4.7 | | | | | |

Matt Turner

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

Report Date: 11/07/2019

Revised:11/07/2019 None

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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2019 Corn - Ohio Northeast [OHNW]

Early-Season Test Products (36 Total)

| Company/Brand | Product/Brand | Technology | RM |
|------------------|-----------------|------------|-----|
| AUGUSTA | A2856 | 3220,B | 105 |
| AUGUSTA | A4858 | 3010,B | 108 |
| AUGUSTA | A4958 | 3120,B | 107 |
| BUCKEYE HYBRIDS | RR8802VT2P | VT2P,B | 108 |
| DEKALB | DKC57-97RIB GC | STX,B | 107 |
| EBBERTS | 6138VT2PRIB | VT2P,B | 108 |
| EBBERTS | 6899VT2PRIB | VT2P,B | 108 |
| EBBERTS | 9356SSXRIB | STX,B | 106 |
| FS INVISION | FS 53ZX1 RIB | STX,B | 103 |
| FS INVISION | FS 5594V RIB | VT2P,B | 105 |
| FS INVISION | FS 55RL1 EZR | 3220,B | 105 |
| FS INVISION | FS 57ZV1 RIB | VT2P,B | 107 |
| FS INVISION | FS 58RL1 EZR | 3220,B | 108 |
| GOLDEN HARVEST | G03R40-3110 | 3110 | 103 |
| GOLDEN HARVEST | G08M20-3120-EZR | 3120,B | 108 |
| GOLDEN HARVEST | G08R52-3220-EZR | 3220,B | 108 |
| GRO-MOR | GM56DP69 GC | VT2P,B | 106 |
| LOCAL SEED CO | LC0297 SSX | STX | 102 |
| LOCAL SEED CO | LC0488 SSXRIB | STX,B | 104 |
| LOCAL SEED CO | LC0657 SSXRIB | STX,B | 106 |
| LOCAL SEED CO | LC0877 VT2PRIB | VT2P,B | 108 |
| LOCAL SEED CO | ZS0398 3110 | 3110 | 103 |
| NK BRAND | NK0440-3122-EZR | 3122,B | 104 |
| NK BRAND | NK0624-3220-EZR | 3220,B | 106 |
| NK BRAND | NK0886-3120-EZR | 3120,B | 108 |
| PIONEER | P0825AM CK | AM,B | 108 |
| PROHARVEST | 6746SS | STX | 106 |
| PROHARVEST | 6828SS | STX | 107 |
| RUPP | XR D01-90 | VT2P,B | 101 |
| RUPP | XR D03-07 | VT2P,B | 103 |
| RUPP | XR D06-53 | VT2P,B | 106 |
| RUPP | XR D07-72 | VT2P,B | 107 |
| SEED CONSULTANTS | EX-SC 105YHR | OI | 105 |
| SEED CONSULTANTS | SCS 1069YHR | OI | 106 |
| SEED CONSULTANTS | SCS 1087YHR | OI | 108 |
| SEED CONSULTANTS | SCS 10HR43 | HX,RR2,B | 104 |

2019 Corn - Ohio Northeast [OHNW]

Full-Season Test Products (36 Total)

| Company/Brand | Product/Brand | Technology | RM |
|------------------|------------------|------------|-----|
| AUGUSTA | A1059 | 3110 | 109 |
| AUGUSTA | A4760 | VT2P | 109 |
| BUCKEYE HYBRIDS | RR9080VT2P | VT2P,B | 110 |
| BUCKEYE HYBRIDS | RR9187VT2P | VT2P | 111 |
| BUCKEYE HYBRIDS | RR9191VT2P | VT2P | 111 |
| DYNA-GRO | D49VC70 | VT2P | 109 |
| DYNA-GRO | D52VC15 | VT2P | 111 |
| EBBERTS | 6121VT2PRIB | VT2P,B | 111 |
| EBBERTS | 6552VT2PRIB | VT2P,B | 112 |
| EBBERTS | 6910VT2P | VT2P,B | 110 |
| FS INVISION | FS 59VL1 EZR | 3220,B | 109 |
| FS INVISION | FS 60UV1 RIB | VT2P,B | 110 |
| FS INVISION | FS 6194V RIB | VT2P,B | 111 |
| FS INVISION | FS 6299L2 EZR | 3220,B | 112 |
| FS INVISION | FS 62ZV1 RIB | VT2P,B | 112 |
| GOLDEN HARVEST | G09A86-3330-EZR | 3330,B | 109 |
| GOLDEN HARVEST | G09Y24-3220A-EZR | 3220,A,B | 109 |
| GOLDEN HARVEST | G12U17-3010 | 3010 | 112 |
| GRO-MOR | GM62G17 GC | GT | 112 |
| LOCAL SEED CO | LC0978 VT2PRIB | VT2P,B | 109 |
| LOCAL SEED CO | LC1196 VT2P | VT2P | 111 |
| LOCAL SEED CO | LC1289 VT2PRIB | VT2P,B | 112 |
| LOCAL SEED CO | ZS1098 3330EZ | 3330,B | 110 |
| NK BRAND | NK0962-3220A-EZR | 3220,A,B | 109 |
| NK BRAND | NK1082-3330A-EZR | 3330,A,B | 110 |
| NK BRAND | NK1205-3120-EZR | 3120,B | 112 |
| PIONEER | P0825AM CK | AM,B | 108 |
| PIONEER | P1197AM GC | AM,B | 111 |
| PROHARVEST | 8052SS | STX | 109 |
| PROHARVEST | 8324VT2P | VT2P | 113 |
| RUPP | XR D09-42 | VT2P,B | 109 |
| RUPP | XR D09-63 | 3220,A,B | 109 |
| RUPP | XR D10-16 | VT2P,B | 110 |
| RUPP | XR D12-49 | VT2P,B | 112 |
| SEED CONSULTANTS | EX-SC 110YHR | OI | 110 |
| SEED CONSULTANTS | SCS 1105AM | AM,B | 109 |

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.