

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

## 2019 Corn Grain Top 30 Harvest Report

Ohio Northeast [OHNW] TIFFIN, OH  
Steyer Seed Chris Magers, Seneca County, OH 44883

|                               |  |
|-------------------------------|--|
| <b>Early-Season Test</b>      | 103 - 108 Day CRM<br>B2019OHNW16a  |
| <b>Top 30 of 36</b>           | For Gross Income<br>(Sorted by Yield)<br>Average of (4) Replications                 |
| <b>PREV. CROP/HERB:</b>       | Soybean / NA   |
| <b>SOIL DESCRIPTION:</b>      | Kibbie sandy loam, mod. well<br>drained, non-irrigated                               |
| <b>SOIL CONDITION:</b>        | Conventional W/ Fall Till, very high<br>P, very high K, 5.9 pH, 2.7% OM,<br>11.2 CEC |
| <b>PEST MANAGEMENT:</b>       | Force, Acuron, Roundup   |
| <b>FERTILITY - Applied N:</b> | 180 Spring, 30 Sidedress   |
| <b>Applied N-P-K (units):</b> | 210-0-0  |
| <b>SEEDED - RATE - ROW:</b>   | May 27 33.5 /A 30" spacing   |
| <b>HARVESTED - STAND:</b>     | Nov 5 32.0 /A  |

### TEST COMMENTS:

*This location went in towards the end of May before the rains caused more delays. The site had plenty of moisture early to get it out of the ground and a good start. There was just enough rain during pollination to fill ears out completely along with mild summer temperatures that helped the plot yield well. Site had a good spread of moisture and was still standing well at harvest.*

| Company/Brand         | Product/Brand          | Technol.†     | RM         | Yield Bu/A        | Moisture %   | Lodging %   | Stand (x 1000) | Gross Income \$/Acre | Rank       |
|-----------------------|------------------------|---------------|------------|-------------------|--------------|-------------|----------------|----------------------|------------|
| PROHARVEST            | 6746SS                 | STX           | 106        | <b>274.5</b>      | 20.6         | 1           | 32.6           | 991                  | 1          |
| AUGUSTA               | A2856                  | 3220,B        | 105        | <b>274.0</b>      | 20.8         | 1           | 32.3           | 988                  | 2          |
| LOCAL SEED CO         | LC0877 VT2PRIB         | VT2P,B        | 108        | <b>273.5</b>      | 20.7         | 4           | 31.6           | 986                  | 3          |
| <b>EBBERTS</b>        | <b>6899VT2PRIB</b>     | <b>VT2P,B</b> | <b>108</b> | <b>272.8</b>      | 22.9         | 3           | 32.3           | 969                  | 6          |
| BUCKEYE HYBRIDS       | RR8802VT2P             | VT2P,B        | 108        | <b>269.1</b>      | 19.7         | 2           | 32.6           | 978                  | 5          |
| <b>EBBERTS</b>        | <b>9356SSXRIB</b>      | <b>STX,B</b>  | <b>106</b> | <b>266.4</b>      | 19.9         | 1           | 32.6           | 967                  | 7          |
| SEED CONSULTANTS      | SCS 1087YHR            | OI            | 108        | 261.9             | 19.5         | 3           | 32.6           | 952                  | 9          |
| RUPP                  | XR D07-72              | VT2P,B        | 107        | 261.7             | 19.3         | 1           | 31.2           | 954                  | 8          |
| <i>GOLDEN HARVEST</i> | <i>G08R52-3220-EZR</i> | <i>3220,B</i> | <i>108</i> | <i>261.6</i>      | <i>22.6</i>  | <i>2</i>    | <i>32.9</i>    | <i>931</i>           | <i>11</i>  |
| RUPP                  | XR D06-53              | VT2P,B        | 106        | 258.5             | 20.2         | 1           | 32.3           | 936                  | 10         |
| FS INVISION           | FS 55RL1 EZR           | 3220,B        | 105        | 257.4             | 21.3         | 3           | 31.9           | 925                  | 14         |
| <b>EBBERTS</b>        | <b>6138VT2PRIB</b>     | <b>VT2P,B</b> | <b>108</b> | <b>255.6</b>      | 20.2         | 6           | 32.6           | 926                  | 13         |
| DEKALB                | DKC57-97RIB GC         | STX,B         | 107        | 255.5             | 22.1         | 3           | 30.5           | 913                  | 22         |
| FS INVISION           | FS 5594V RIB           | VT2P,B        | 105        | 255.1             | 19.9         | 1           | 31.6           | 925                  | 15         |
| GOLDEN HARVEST        | G03R40-3110            | 3110          | 103        | 253.9             | 19.0         | 2           | 32.3           | 927                  | 12         |
| PROHARVEST            | 6828SS                 | STX           | 107        | 252.6             | 19.2         | 1           | 31.6           | 921                  | 17         |
| GRO-MOR               | GM56DP69 GC            | VT2P,B        | 106        | 252.5             | 19.4         | 1           | 31.6           | 919                  | 19         |
| LOCAL SEED CO         | ZS0398 3110            | 3110          | 103        | 252.1             | 19.1         | 3           | 32.3           | 920                  | 18         |
| RUPP                  | XR D01-90              | VT2P,B        | 101        | 251.7             | 18.2         | 1           | 32.3           | 924                  | 16         |
| AUGUSTA               | A4958                  | 3120,B        | 107        | 251.5             | 19.4         | 1           | 32.6           | 916                  | 21         |
| FS INVISION           | FS 53ZX1 RIB           | STX,B         | 103        | 250.4             | 18.5         | 1           | 32.6           | 917                  | 20         |
| NK BRAND              | NK0624-3220-EZR        | 3220,B        | 106        | 250.2             | 20.7         | 2           | 31.9           | 903                  | 26         |
| AUGUSTA               | A4858                  | 3010,B        | 108        | 249.9             | 19.8         | 1           | 31.9           | 907                  | 25         |
| SEED CONSULTANTS      | SCS 1069YHR            | OI            | 106        | 249.6             | 19.2         | 13          | 31.9           | 910                  | 23         |
| NK BRAND              | NK0886-3120-EZR        | 3120,B        | 108        | 247.9             | 19.5         | 3           | 32.6           | 902                  | 27         |
| LOCAL SEED CO         | LC0488 SSXRIB          | STX,B         | 104        | 247.8             | 18.1         | 1           | 32.6           | 910                  | 24         |
| FS INVISION           | FS 57ZV1 RIB           | VT2P,B        | 107        | 247.5             | 19.5         | 1           | 32.3           | 901                  | 29         |
| FS INVISION           | FS 58RL1 EZR           | 3220,B        | 108        | 247.5             | 21.4         | 1           | 32.6           | 889                  | 31         |
| LOCAL SEED CO         | LC0297 SSX             | STX           | 102        | 247.3             | 19.1         | 1           | 31.2           | 902                  | 28         |
| SEED CONSULTANTS      | SCS 10HR43             | HX,RR2,B      | 104        | 245.5             | 19.2         | 2           | 30.2           | 895                  | 30         |
| PIONEER               | P0825AM CK             | AM,B          | 108        | 271.8             | 20.6         | 2           | 30.9           | 981                  | 4          |
|                       |                        |               |            | <b>Averages =</b> | <b>254.4</b> | <b>19.8</b> | <b>2</b>       | <b>32.0</b>          | <b>923</b> |
|                       |                        |               |            | LSD (0.10) =      | 10.2         | 0.5         | 2              |                      |            |
|                       |                        |               |            | LSD (0.25) =      | 5.3          | 0.3         | 1              |                      |            |
|                       |                        |               |            | C.V. =            | 4.4          |             |                |                      |            |

*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

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## 2019 Corn Grain Top 30 Harvest Report

Ohio Northeast [OHNW] TIFFIN, OH

Steyer Seed Chris Magers, Seneca County, OH 44883

|                               |  |
|-------------------------------|--|
| <b>Full-Season Test</b>       | 109 - 112 Day CRM<br>B2019OHNW16b  |
| <b>Top 30 of 36</b>           | For Gross Income<br>(Sorted by Yield)<br>Average of (4) Replications                 |
| <b>PREV. CROP/HERB:</b>       | Soybean / NA   |
| <b>SOIL DESCRIPTION:</b>      | Kibbie sandy loam, mod. well<br>drained, non-irrigated                               |
| <b>SOIL CONDITION:</b>        | Conventional W/ Fall Till, very high<br>P, very high K, 5.9 pH, 2.7% OM,<br>11.2 CEC |
| <b>PEST MANAGEMENT:</b>       | Force, Acuron, Roundup   |
| <b>FERTILITY - Applied N:</b> | 180 Spring, 30 Sidedress   |
| <b>Applied N-P-K (units):</b> | 210-0-0  |
| <b>SEEDED - RATE - ROW:</b>   | May 27 33.5 /A 30" spacing   |
| <b>HARVESTED - STAND:</b>     | Nov 5 31.7 /A  |

### TEST COMMENTS:

*This location went in towards the end of May before the rains caused more delays. The site had plenty of moisture early to get it out of the ground and a good start. There was just enough rain during pollination to fill ears out completely along with mild summer temperatures that helped the plot yield well. Site had a good spread of moisture and was still standing well at harvest.*

| Company/Brand    | Product/Brand    | Technol.† | RM  | Yield Bu/A          | Moisture %   | Lodging %   | Stand (x 1000) | Gross Income \$/Acre | Rank       |
|------------------|------------------|-----------|-----|---------------------|--------------|-------------|----------------|----------------------|------------|
| FS INVISON       | FS 6194V RIB     | VT2P,B    | 111 | <b>274.7</b>        | 25.6         | 3           | 32.3           | 957                  | 2          |
| LOCAL SEED CO    | LC0978 VT2PRIB   | VT2P,B    | 109 | <b>270.6</b>        | 23.4         | 3           | 32.6           | 958                  | 1          |
| FS INVISON       | FS 60UV1 RIB     | VT2P,B    | 110 | <b>268.9</b>        | 24.8         | 2           | 32.3           | 942                  | 6          |
| PIONEER          | P1197AM GC       | AM,B      | 111 | <b>268.8</b>        | 23.2         | 3           | 32.3           | 953                  | 3          |
| PROHARVEST       | 8324VT2P         | VT2P      | 113 | <b>267.3</b>        | 24.3         | 5           | 31.9           | 940                  | 7          |
| BUCKEYE HYBRIDS  | RR9191VT2P       | VT2P      | 111 | <b>266.2</b>        | 24.4         | 2           | 32.3           | 936                  | 8          |
| DYNA-GRO         | D52VC15          | VT2P      | 111 | <b>265.4</b>        | 22.6         | 3           | 32.3           | 945                  | 5          |
| DYNA-GRO         | D49VC70          | VT2P      | 109 | <b>265.2</b>        | 23.8         | 4           | 32.3           | 936                  | 9          |
| RUPP             | XR D09-42        | VT2P,B    | 109 | <b>264.8</b>        | 21.8         | 3           | 31.2           | 948                  | 4          |
| RUPP             | XR D10-16        | VT2P,B    | 110 | <b>262.7</b>        | 25.1         | 2           | 31.2           | 919                  | 10         |
| BUCKEYE HYBRIDS  | RR9080VT2P       | VT2P,B    | 110 | 261.0               | 25.1         | 3           | 30.9           | 913                  | 12         |
| FS INVISON       | FS 62ZV1 RIB     | VT2P,B    | 112 | 260.4               | 26.5         | 2           | 32.6           | 902                  | 14         |
| GOLDEN HARVEST   | G09Y24-3220A-EZR | 3220,A,B  | 109 | 254.8               | 21.4         | 9           | 32.3           | 915                  | 11         |
| LOCAL SEED CO    | LC1289 VT2PRIB   | VT2P,B    | 112 | 253.0               | 26.8         | 3           | 30.6           | 874                  | 20         |
| LOCAL SEED CO    | ZS1098 3330EZ    | 3330,B    | 110 | 251.9               | 25.3         | 2           | 32.3           | 880                  | 17         |
| FS INVISON       | FS 6299L2 EZR    | 3220,B    | 112 | 251.4               | 25.6         | 3           | 31.6           | 876                  | 19         |
| PROHARVEST       | 8052SS           | STX       | 109 | 250.4               | 21.8         | 3           | 32.3           | 896                  | 15         |
| EBBERTS          | 6121VT2PRIB      | VT2P,B    | 111 | 248.6               | 26.3         | 3           | 31.9           | 862                  | 23         |
| NK BRAND         | NK1082-3330A-EZR | 3330,A,B  | 110 | 247.2               | 20.6         | 5           | 32.3           | 893                  | 16         |
| LOCAL SEED CO    | LC1196 VT2P      | VT2P      | 111 | 246.7               | 26.7         | 1           | 32.3           | 853                  | 27         |
| BUCKEYE HYBRIDS  | RR9187VT2P       | VT2P      | 111 | 246.3               | 26.3         | 1           | 32.3           | 854                  | 26         |
| FS INVISON       | FS 59VL1 EZR     | 3220,B    | 109 | 246.2               | 23.7         | 4           | 31.9           | 870                  | 21         |
| NK BRAND         | NK0962-3220A-EZR | 3220,A,B  | 109 | 244.5               | 21.4         | 13          | 31.9           | 878                  | 18         |
| SEED CONSULTANTS | EX-SC 110YHR     | OI        | 110 | 243.8               | 24.4         | 2           | 30.2           | 857                  | 24         |
| GOLDEN HARVEST   | G09A86-3330-EZR  | 3330,B    | 109 | 242.9               | 25.3         | 4           | 31.2           | 848                  | 28         |
| EBBERTS          | 6552VT2PRIB      | VT2P,B    | 112 | 240.6               | 24.3         | 5           | 32.3           | 846                  | 29         |
| GRO-MOR          | GM62G17 GC       | GT        | 112 | 240.5               | 21.5         | 2           | 31.2           | 863                  | 22         |
| RUPP             | XR D09-63        | 3220,A,B  | 109 | 239.8               | 22.2         | 8           | 31.6           | 856                  | 25         |
| SEED CONSULTANTS | SCS 1105AM       | AM,B      | 109 | 236.0               | 21.7         | 2           | 31.9           | 845                  | 30         |
| AUGUSTA          | A4760            | VT2P      | 109 | 231.9               | 20.8         | 3           | 30.9           | 836                  | 31         |
| PIONEER          | P0825AM CK       | AM,B      | 108 | 251.4               | 21.4         | 3           | 31.9           | 903                  | 13         |
|                  |                  |           |     | <b>Averages =</b>   | <b>251.3</b> | <b>24.0</b> | <b>3</b>       | <b>31.7</b>          | <b>886</b> |
|                  |                  |           |     | <b>LSD (0.10) =</b> | 10.6         | 0.7         | 3              |                      |            |
|                  |                  |           |     | <b>LSD (0.25) =</b> | 5.5          | 0.4         | 2              |                      |            |
|                  |                  |           |     | <b>C.V. =</b>       | 4.6          |             |                |                      |            |

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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

## 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

<sup>^</sup> 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.