

# 2017 OHIO CORN PERFORMANCE TEST

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The purpose of the Ohio Corn Performance Test (OCPT) is to evaluate corn hybrids for grain yield and other important agronomic characteristics. Results of the test can assist farmers in selecting hybrids best suited to their farming operations and production environments. Corn hybrids differ considerably in yield potential, standability, maturity, and other agronomic characteristics that affect profitable crop production. Hybrid selection should be based on proven performance from multiple test locations and years. The presentation of data does not imply endorsement of any hybrid by The Ohio State University.

## EVALUATION PROCEDURES

Seed companies marketing corn hybrids in Ohio are invited to enter hybrids in the test. An entry fee is charged to cover expenses. In 2017, companies were permitted to enter an unlimited number of hybrids. Ten sites were available for hybrid evaluation. Testing was available in three regions of Ohio (Southwestern/West Central/Central; Northwestern; North Central/ Northeastern). Companies were required to enter a hybrid at all the sites within a testing region. Each hybrid entry was evaluated using three replications per site in a randomized complete block design. Hybrids were planted either in an early or full season maturity trial based on relative maturity information provided by the companies. In the Southwestern/ West Central/Central region, the relative maturity of hybrid entries in the early maturity trial was 111 days or earlier; the relative maturity of hybrid entries in the full season trial was 112 days or later. In the Northwestern and North Central/Northeastern regions, the relative maturity of hybrid entries in the early maturity trial was 108 days or earlier; the relative maturity of hybrid entries in the full season trial was 109 days or later. Hybrids were planted with an Almaco Seed Pro 360 plot planter with SkyTrip GPS. Each plot consisted of four 30-inch rows approximately 25 feet long. Force 3G soil insecticide was applied in a T-band to all plots. Seed companies selected a final stand and percent overplant for each hybrid entered. Fertilizer, herbicides, insecticides and fungicides were applied according to recommended cultural practices for obtaining optimum grain yields. Details concerning the establishment and management of each 2017 test are listed in footnotes below the tables.

## MEASUREMENTS AND RECORDS

**YIELD.** The center two rows of each plot were harvested with a self-propelled two-row picker sheller combine. Yields were reported as bushels of grain per acre (BU/A) at 15.5 percent moisture.

**MOISTURE (Harv Mst).** A grain moisture determination was made from each plot with an electrical conductance moisture meter. Grain moisture was reported as percent grain moisture.

**LODGING (Stk Ldg).** The number of broken stalks in each plot was determined just prior to harvest. Only those plants with a stalk broken below the ear were considered stalk lodged. Stalk lodging was reported as a percentage of final plant stand.

**FINAL STAND (Final Std).** Seed corn producers selected a desired planting rate for each hybrid entered. Differences between the planting rate and the final stand may be attributed to seed quality and/or environmental conditions present. Populations were reported in hundreds (100/A) per acre.

**EMERGENCE (Emg).** An emergence count was made on each plot after plant emergence. The emergence percentage was computed based on the number of plants and the number of seed planted, and was reported as a percentage of the seeds planted.

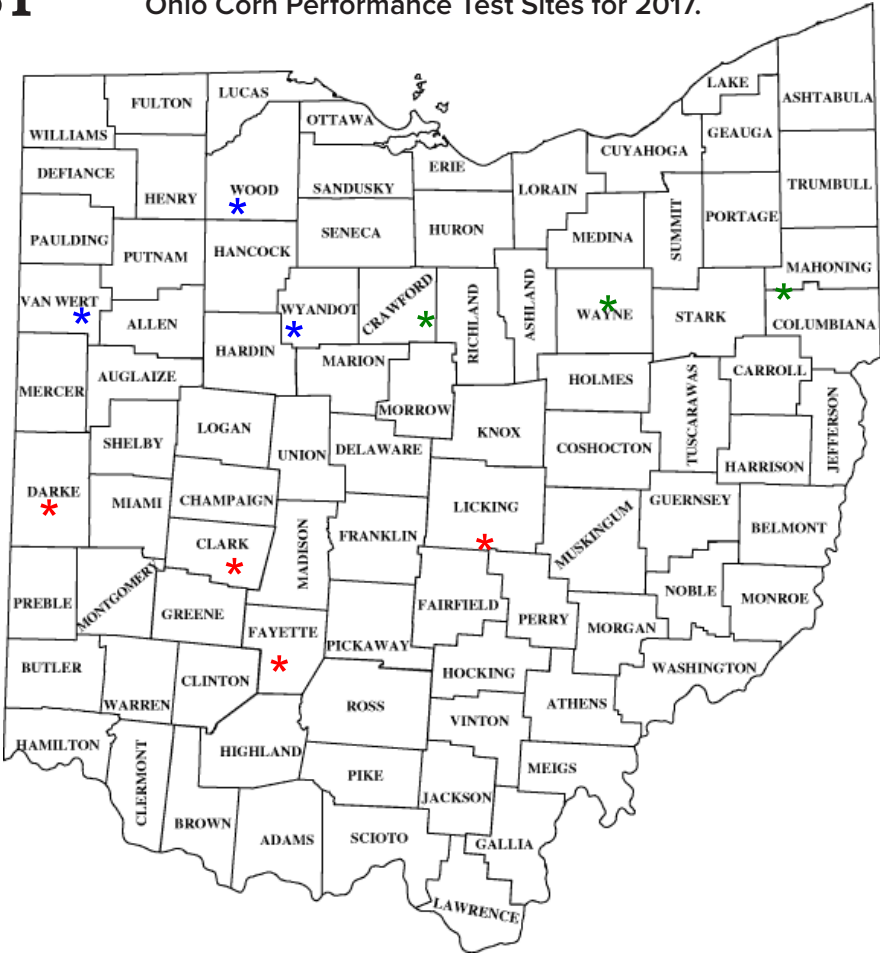
**TEST WEIGHT (TW).** Test weights were recorded in pounds per bushel on grain samples at field moisture. The results are an average of all sites in the regional tests.

**LSD 0.10** - Least Significant Differences at probability level 0.10 (LSD 0.10) are reported for yield and other agronomic characteristics. Differences between hybrids are significant only if they are equal to or greater than the LSD value. If a given hybrid out yields another hybrid by as much or more than the LSD value, then we are 90% confident (i.e. the odds are 10:1) that the yield difference is real, with only a 10% probability that the difference is due to chance variation (such as soil variation, etc.). For example, if Hybrid X is 19 Bu/A higher in yield than Hybrid Y, then this difference is statistically significant if the LSD is 19 Bu/A or less. If the LSD is 20 Bu/A or greater, then we are less confident that Hybrid X is really higher yielding than Hybrid Y under conditions of the test. If ‘NS’ is indicated for a characteristic, then the differences among hybrid entries are not significant at the 10% probability level.

## 2017 GROWING CONDITIONS

The 2017 Ohio growing season was characterized by one of the warmest springs on record (the month of April was the warmest on record). Precipitation at test sites in April was near normal but 1 to 4 inches above normal at most test sites in May and June. Temperatures in July were near normal but rainfall was considerably above normal at most sites especially those in Northwest, Southwest, West Central, and Central Ohio. Rainfall at the Hebron site was 12 inches above normal whereas that at Wooster it was slightly less than one inch above normal. The impact of drier than normal conditions in August and September were mitigated by below average temperatures. Foliar diseases and insect pests were generally not a major factor. However, rust, primarily common rust, was evident at several locations. Warm, dry conditions

Ohio Corn Performance Test Sites for 2017.



during the latter half of September through mid-October promoted crop maturation, which was important for late plantings and dry down, but persistent rains in November delayed harvest of late planted sites.

## RESULTS

Results of the 2017 testing program are presented in Tables 1 to 10. The seed source and table location for hybrids tested in 2017 are shown in Table 11. The transgenic herbicide and insect resistant events and insecticide and fungicide seed treatments associated with each hybrid entry (information provided by seed companies) are indicated in Table 11. Hybrids that do not contain transgenic events are specified as “NON-GMO”. Yields and other agronomic performance characteristics have been averaged across the individual tests and shown under the SUMMARY heading for each region. Hybrids are listed in alphabetical order by brand.

Yields varied across the state depending planting delays and rainfall patterns. Averaged across hybrid entries in the early and full season tests, yields were 268 bu/A in the Southwestern/West Central/Central region, 235 bu/A in the Northwestern region, and 233 in the North Central/Northeastern region. Yields at individual test sites, averaged across hybrid entries in the early and full season tests, ranged from 195 bu/A at Hoytville to 283 bu/A at Hebron. Lodging was largely absent across sites except at Van Wert and Upper Sandusky where some hybrids lodged as a result of heavy rains and strong winds in early November. Performance data for Washington Court House in the SW region and Bucyrus (Full Season) in the NE region are not presented due to variable field conditions that resulted in erratic stands, uneven growth and inconsistent yields.

Confidence in test results increases with the number of years and the number of locations in which the hybrid was tested. Table 10 presents performance data for hybrids tested at 6 and 8 locations in 2017 and Tables 2, 3, 5, 6, 8 and 9 provide multiple year performance data. Look for consistency in a hybrid's performance across a range of environmental conditions. Yield, standability, grain moisture, and other comparisons should be made between hybrids of similar maturity to determine those best adapted to your farm. Results of the crop performance trials for 2017 and previous years are available online at: <http://www.oardc.ohio-state.edu/corntrials>. Hybrids can be sorted by yield, brand, and other variables online. More detailed weather information including growing season rainfall and temperatures at each OCPT location will be available at this website.

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Table 1E. Performance of hybrids in the early maturity trial. SOUTHWESTERN/WEST CENTRAL/CENTRAL Ohio, 2017.

| Brand              | Hybrid        | Hebron |       |             |       |      | South Charleston |       |      |             |      | Greenville |       |       |       |      | Summary |             |       |       |      |      |
|--------------------|---------------|--------|-------|-------------|-------|------|------------------|-------|------|-------------|------|------------|-------|-------|-------|------|---------|-------------|-------|-------|------|------|
|                    |               | Yield  | Harv. | Stk.        | Final | Emg. | Yield            | Harv. | Stk. | Final       | Emg. | Yield      | Harv. | Stk.  | Final | Emg. | Yield   | Harv.       | Stk.  | Final | Emg. | TW   |
|                    |               |        | Mst.  | Ldg.        | Std.  |      |                  | Mst.  | Ldg. | Std.        |      |            | Mst.  | Ldg.  | Std.  |      |         | Mst.        | Ldg.  | Std.  |      |      |
|                    |               |        | Bu/A  | -----%----- | 100/A |      |                  | --%-- | Bu/A | -----%----- |      |            | 100/A | --%-- | Bu/A  |      |         | -----%----- | 100/A | --%-- |      |      |
| AGRA SOLUTIONS     | KEY 806       | 255.6  | 19.6  | 0           | 338   | 96   | 238.0            | 16.5  | 2    | 333         | 95   | 274.3      | 20.0  | 1     | 338   | 95   | 255.9   | 18.7        | 1     | 336   | 95   | 58.4 |
| AGRIGOLD HYBRIDS   | A639-40VT2PRO | 286.3  | 20.7  | 0           | 333   | 97   | 266.4            | 18.9  | 0    | 333         | 95   | 282.5      | 22.5  | 0     | 328   | 95   | 278.4   | 20.7        | 0     | 331   | 96   | 54.6 |
| AGRIGOLD HYBRIDS   | A640-77VT2PRO | 264.7  | 21.3  | 0           | 333   | 97   | 246.0            | 19.0  | 0    | 333         | 96   | 271.1      | 22.9  | 0     | 320   | 93   | 260.6   | 21.1        | 0     | 329   | 95   | 56.2 |
| BA Genetics        | BA18-08       | 287.2  | 19.4  | 0           | 339   | 98   | 246.7            | 15.7  | 0    | 339         | 97   | 267.5      | 19.5  | 0     | 336   | 97   | 267.1   | 18.2        | 0     | 338   | 97   | 56.5 |
| BA Genetics        | BA18-10       | 281.7  | 18.8  | 0           | 346   | 99   | 257.0            | 18.3  | 0    | 328         | 94   | 288.7      | 21.5  | 0     | 338   | 97   | 275.8   | 19.5        | 0     | 337   | 97   | 56.9 |
| BA Genetics        | BA18-11       | 289.6  | 21.5  | 0           | 332   | 98   | 258.3            | 20.2  | 0    | 320         | 95   | 277.4      | 22.3  | 1     | 327   | 96   | 275.1   | 21.3        | 0     | 326   | 96   | 55.6 |
| BECK'S             | 5840AM™*Brand | 266.4  | 19.5  | 1           | 343   | 98   | 248.9            | 17.7  | 0    | 325         | 94   | 261.2      | 18.3  | 2     | 347   | 100  | 258.8   | 18.5        | 1     | 339   | 97   | 57.3 |
| BECK'S             | 6082AM™*Brand | 292.8  | 21.1  | 0           | 320   | 93   | 246.8            | 18.6  | 0    | 297         | 86   | 298.6      | 20.4  | 0     | 323   | 93   | 279.4   | 20.0        | 0     | 313   | 90   | 56.1 |
| BECK'S             | 6127A3        | 259.3  | 22.3  | 0           | 298   | 87   | 245.9            | 20.1  | 0    | 305         | 87   | 263.7      | 22.4  | 0     | 294   | 85   | 256.3   | 21.6        | 0     | 299   | 86   | 56.0 |
| CHANNEL            | 207-27STXRIB  | 277.0  | 19.2  | 0           | 365   | 98   | 257.9            | 19.3  | 0    | 363         | 98   | 277.7      | 21.1  | 0     | 355   | 95   | 270.9   | 19.9        | 0     | 361   | 97   | 56.2 |
| CHANNEL            | 209-15VT2PRIB | 303.2  | 21.0  | 0           | 361   | 98   | 269.5            | 17.8  | 0    | 361         | 97   | 286.8      | 21.2  | 0     | 360   | 98   | 286.5   | 20.0        | 0     | 361   | 98   | 56.1 |
| CHANNEL            | 210-26VT2PRIB | 284.0  | 19.5  | 0           | 369   | 99   | 256.5            | 16.6  | 0    | 354         | 95   | 271.3      | 21.1  | 0     | 367   | 98   | 270.6   | 19.1        | 0     | 363   | 98   | 54.3 |
| DEKALB             | DKC55-20RIB   | 279.1  | 17.2  | 0           | 355   | 96   | 254.5            | 15.4  | 0    | 352         | 95   | 281.9      | 17.8  | 0     | 359   | 97   | 271.9   | 16.8        | 0     | 355   | 96   | 57.3 |
| DEKALB             | DKC57-97RIB   | 282.7  | 18.9  | 0           | 360   | 97   | 250.5            | 18.0  | 0    | 343         | 94   | 257.5      | 20.9  | 0     | 363   | 98   | 263.6   | 19.3        | 0     | 355   | 96   | 56.4 |
| DEKALB             | DKC58-06RIB   | 275.4  | 18.8  | 0           | 370   | 99   | 245.8            | 18.4  | 1    | 361         | 95   | 274.4      | 20.5  | 0     | 363   | 98   | 265.2   | 19.2        | 0     | 365   | 97   | 57.4 |
| DEKALB             | DKC59-50RIB   | 278.8  | 19.5  | 0           | 360   | 97   | 253.1            | 17.5  | 0    | 351         | 94   | 284.0      | 21.4  | 1     | 347   | 95   | 272.0   | 19.5        | 0     | 353   | 95   | 56.5 |
| DEKALB             | DKC61-54RIB   | 277.1  | 20.2  | 0           | 361   | 99   | 255.7            | 18.7  | 0    | 373         | 98   | 275.4      | 21.7  | 0     | 369   | 98   | 269.4   | 20.2        | 0     | 368   | 98   | 57.0 |
| DYNA-GRO           | D49VC39       | 261.9  | 19.5  | 0           | 319   | 86   | 245.3            | 17.4  | 1    | 301         | 81   | 249.0      | 20.8  | 0     | 303   | 82   | 252.1   | 19.2        | 0     | 308   | 83   | 56.0 |
| DYNA-GRO           | D50VC30       | 284.8  | 19.7  | 0           | 382   | 99   | 272.6            | 16.2  | 1    | 382         | 96   | 292.9      | 20.8  | 0     | 386   | 99   | 283.4   | 18.9        | 0     | 383   | 98   | 56.1 |
| DYNA-GRO           | D51SS54       | 288.5  | 21.3  | 0           | 387   | 99   | 278.1            | 19.7  | 1    | 383         | 97   | 295.8      | 21.3  | 0     | 378   | 97   | 287.5   | 20.8        | 0     | 383   | 98   | 55.7 |
| EBBERTS            | 6121VT2P      | 301.1  | 22.5  | 0           | 373   | 98   | 253.3            | 20.6  | 0    | 355         | 92   | 286.6      | 22.3  | 0     | 356   | 94   | 280.3   | 21.8        | 0     | 361   | 95   | 55.1 |
| EBBERTS            | 6770VT2P RIB  | 275.5  | 20.2  | 0           | 352   | 94   | 231.7            | 18.0  | 2    | 320         | 85   | 273.1      | 20.3  | 0     | 345   | 91   | 260.1   | 19.5        | 1     | 339   | 90   | 56.2 |
| EBBERTS            | 6899VT2P      | 282.2  | 19.2  | 0           | 359   | 96   | 263.3            | 18.2  | 2    | 359         | 95   | 292.8      | 20.4  | 0     | 372   | 98   | 279.5   | 19.2        | 1     | 363   | 96   | 57.3 |
| EBBERTS            | 9137SSX RIB   | 282.5  | 17.6  | 0           | 368   | 98   | 259.1            | 16.0  | 0    | 364         | 96   | 274.7      | 19.2  | 0     | 370   | 98   | 272.1   | 17.6        | 0     | 367   | 97   | 57.8 |
| EBBERTS            | 9577SSX       | 277.8  | 19.2  | 0           | 352   | 93   | 248.0            | 16.1  | 0    | 346         | 92   | 260.0      | 20.4  | 0     | 339   | 90   | 261.9   | 18.5        | 0     | 346   | 92   | 58.5 |
| FS INVISION        | FS 57TX1 RIB  | 247.4  | 18.1  | 0           | 343   | 99   | 246.4            | 16.1  | 0    | 339         | 98   | 263.0      | 18.9  | 0     | 332   | 95   | 252.3   | 17.7        | 0     | 338   | 97   | 58.7 |
| FS INVISION        | FS 59VL1 EZR  | 271.8  | 20.3  | 0           | 333   | 97   | 252.5            | 17.1  | 0    | 311         | 90   | 267.6      | 21.5  | 0     | 312   | 90   | 264.0   | 19.6        | 0     | 319   | 92   | 53.7 |
| FS INVISION        | FS 60QV1 RIB  | 279.3  | 20.0  | 0           | 334   | 97   | 236.5            | 18.5  | 0    | 305         | 88   | 255.0      | 20.8  | 0     | 315   | 91   | 256.9   | 19.8        | 0     | 318   | 92   | 55.7 |
| FS INVISION        | FS 60ZX1 RIB  | 257.8  | 19.6  | 0           | 339   | 99   | 246.5            | 18.3  | 0    | 337         | 97   | 261.6      | 20.2  | 0     | 332   | 96   | 255.3   | 19.4        | 0     | 336   | 97   | 56.6 |
| FS INVISION        | FS 61SX1 RIB  | 280.4  | 21.1  | 0           | 343   | 98   | 261.7            | 20.3  | 0    | 333         | 96   | 278.7      | 21.4  | 0     | 339   | 98   | 273.6   | 20.9        | 0     | 339   | 97   | 55.7 |
| GOLDEN HARVEST     | G10T63-3120   | 290.3  | 22.1  | 0           | 339   | 97   | 255.2            | 18.5  | 1    | 332         | 95   | 288.5      | 21.1  | 0     | 341   | 98   | 278.0   | 20.5        | 0     | 337   | 97   | 56.4 |
| GREAT LAKES        | 5824STXRIB    | 270.7  | 20.2  | 0           | 343   | 98   | 259.5            | 18.5  | 0    | 334         | 97   | 270.3      | 20.4  | 0     | 338   | 96   | 266.8   | 19.7        | 0     | 339   | 97   | 59.2 |
| GREAT LAKES        | 5910VT2PRO    | 268.3  | 19.0  | 0           | 342   | 99   | 258.9            | 16.9  | 0    | 337         | 97   | 271.8      | 19.3  | 0     | 343   | 97   | 266.3   | 18.4        | 0     | 341   | 98   | 58.6 |
| GREAT LAKES        | 5935STX       | 266.5  | 20.7  | 0           | 341   | 99   | 247.4            | 17.6  | 0    | 330         | 94   | 275.1      | 21.7  | 0     | 338   | 96   | 263.0   | 20.0        | 0     | 336   | 96   | 56.7 |
| GREAT LAKES        | 6185STXRIB    | 279.8  | 20.9  | 0           | 343   | 99   | 264.1            | 19.8  | 0    | 341         | 95   | 290.8      | 21.9  | 0     | 336   | 96   | 278.2   | 20.9        | 0     | 340   | 96   | 55.4 |
| LG SEEDS           | LG5530VT2Pro  | 276.1  | 19.5  | 0           | 370   | 98   | 256.4            | 16.1  | 0    | 365         | 97   | 264.1      | 19.7  | 4     | 365   | 98   | 265.5   | 18.4        | 2     | 367   | 98   | 61.1 |
| LG SEEDS           | LG5548STXRIB  | 278.6  | 21.4  | 0           | 364   | 99   | 265.9            | 20.0  | 0    | 365         | 98   | 289.2      | 22.8  | 0     | 360   | 96   | 277.9   | 21.4        | 0     | 363   | 98   | 55.1 |
| LG SEEDS           | LG5590VT2Pro  | 295.6  | 21.3  | 0           | 363   | 98   | 273.6            | 19.4  | 0    | 346         | 93   | 289.1      | 22.2  | 0     | 348   | 94   | 286.1   | 21.0        | 0     | 352   | 95   | 54.6 |
| LG SEEDS           | LG5606STX     | 291.1  | 21.8  | 0           | 368   | 99   | 262.1            | 19.4  | 2    | 354         | 96   | 293.3      | 21.4  | 2     | 360   | 97   | 282.1   | 20.9        | 1     | 361   | 97   | 58.3 |
| NK                 | NK1066-3120   | 291.6  | 21.9  | 0           | 333   | 97   | 248.3            | 19.3  | 3    | 319         | 93   | 273.2      | 20.4  | 3     | 336   | 97   | 271.0   | 20.5        | 2     | 329   | 96   | 56.5 |
| NUTECH/G2 GENETICS | 5F-510™       | 292.2  | 20.2  | 0           | 339   | 99   | 275.7            | 19.5  | 0    | 338         | 95   | 281.5      | 21.6  | 0     | 338   | 96   | 283.1   | 20.4        | 0     | 339   | 97   | 58.1 |
| NUTECH/G2 GENETICS | 5FB-1010™     | 292.7  | 20.3  | 0           | 336   | 97   | 243.7            | 18.7  | 1    | 310         | 90   | 266.5      | 19.9  | 0     | 331   | 96   | 267.6   | 19.6        | 0     | 326   | 94   | 57.0 |
| RUPP               | XR D10-01     | 277.9  | 19.6  | 1           | 345   | 99   | 249.8            | 16.2  | 1    | 34          |      |            |       |       |       |      |         |             |       |       |      |      |

Table 1L. Performance of hybrids in the full season trial. SOUTHWESTERN/WEST CENTRAL/CENTRAL Ohio, 2017.

| Brand              | Hybrid         | Hebron |             |           |            |       | South Charleston |             |           |            |       | Greenville |             |           |            |       | Summary |             |           |            |       |      |
|--------------------|----------------|--------|-------------|-----------|------------|-------|------------------|-------------|-----------|------------|-------|------------|-------------|-----------|------------|-------|---------|-------------|-----------|------------|-------|------|
|                    |                | Yield  | Harv. Mst.  | Stk. Ldg. | Final Std. | Emg.  | Yield            | Harv. Mst.  | Stk. Ldg. | Final Std. | Emg.  | Yield      | Harv. Mst.  | Stk. Ldg. | Final Std. | Emg.  | Yield   | Harv. Mst.  | Stk. Ldg. | Final Std. | Emg.  | TW   |
|                    |                | Bu/A   | -----%----- |           | 100/A      | --%-- | Bu/A             | -----%----- |           | 100/A      | --%-- | Bu/A       | -----%----- |           | 100/A      | --%-- | Bu/A    | -----%----- |           | 100/A      | --%-- | Lbs. |
| AGRA SOLUTIONS     | KEY 812Q       | 287.3  | 22.9        | 0         | 346        | 97    | 239.3            | 20.4        | 0         | 339        | 97    | 275.3      | 21.7        | 0         | 339        | 97    | 267.3   | 21.7        | 0         | 342        | 97    | 56.0 |
| AGRIGOLD HYBRIDS   | A642-59STX     | 301.3  | 22.1        | 0         | 363        | 96    | 247.5            | 19.0        | 0         | 348        | 93    | 280.3      | 22.9        | 0         | 358        | 97    | 276.4   | 21.3        | 0         | 356        | 96    | 55.4 |
| AGRIGOLD HYBRIDS   | A645-10VT2RIB  | 282.5  | 23.1        | 0         | 338        | 99    | 237.0            | 20.9        | 0         | 324        | 94    | 249.8      | 21.8        | 2         | 339        | 97    | 256.4   | 22.0        | 1         | 334        | 97    | 56.9 |
| AGRIGOLD HYBRIDS   | A6499STXRIB    | 281.5  | 22.5        | 0         | 348        | 100   | 216.8            | 21.3        | 0         | 312        | 89    | 272.5      | 21.9        | 0         | 342        | 98    | 256.9   | 21.9        | 0         | 334        | 95    | 56.7 |
| AGRIGOLD HYBRIDS   | A6572VT2RIB    | 300.5  | 22.5        | 0         | 370        | 99    | 238.1            | 19.8        | 0         | 358        | 95    | 279.9      | 22.0        | 1         | 367        | 98    | 272.8   | 21.4        | 0         | 365        | 97    | 58.0 |
| AGRIGOLD HYBRIDS   | A6579VT2RIB    | 297.4  | 23.0        | 0         | 306        | 99    | 232.4            | 21.0        | 0         | 300        | 98    | 282.4      | 22.1        | 0         | 302        | 99    | 270.7   | 22.0        | 0         | 303        | 99    | 53.5 |
| BA Genetics        | BA18-15        | 285.1  | 23.3        | 0         | 329        | 95    | 239.3            | 22.1        | 0         | 303        | 87    | 256.6      | 24.1        | 0         | 314        | 90    | 260.3   | 23.2        | 0         | 315        | 91    | 56.2 |
| BA Genetics        | BA8484         | 296.8  | 21.4        | 0         | 329        | 98    | 251.1            | 19.6        | 0         | 321        | 95    | 291.7      | 21.3        | 0         | 332        | 98    | 279.9   | 20.7        | 0         | 327        | 97    | 57.2 |
| BA Genetics        | BA8490         | 276.3  | 22.9        | 0         | 316        | 92    | 225.7            | 20.6        | 0         | 306        | 87    | 254.4      | 22.4        | 0         | 292        | 84    | 252.1   | 22.0        | 0         | 304        | 87    | 56.9 |
| BECK'S             | 6365AM™*Brand  | 301.9  | 20.2        | 0         | 328        | 99    | 225.1            | 17.8        | 0         | 319        | 97    | 275.9      | 20.7        | 0         | 333        | 98    | 267.6   | 19.6        | 0         | 327        | 98    | 56.1 |
| BECK'S             | 6589V2P        | 280.3  | 22.5        | 0         | 333        | 97    | 247.5            | 20.7        | 0         | 312        | 90    | 255.8      | 22.9        | 0         | 323        | 93    | 261.2   | 22.1        | 0         | 323        | 93    | 56.8 |
| CHANNEL            | 212-20STXRIB   | 291.4  | 21.7        | 0         | 359        | 97    | 243.7            | 20.2        | 0         | 337        | 92    | 282.5      | 21.9        | 0         | 343        | 93    | 272.5   | 21.3        | 0         | 346        | 94    | 57.8 |
| CHANNEL            | 213-19VT2PRIB  | 284.1  | 22.3        | 0         | 359        | 97    | 245.4            | 20.2        | 0         | 345        | 92    | 286.5      | 23.2        | 0         | 363        | 98    | 272.0   | 21.9        | 0         | 355        | 96    | 55.9 |
| CHANNEL            | 214-45DGV2PRIB | 278.5  | 23.4        | 0         | 365        | 98    | 224.6            | 19.8        | 0         | 363        | 99    | 282.5      | 21.6        | 0         | 369        | 99    | 261.9   | 21.6        | 0         | 366        | 99    | 54.6 |
| CHANNEL            | 216-36DGV2PRIB | 285.7  | 23.0        | 0         | 361        | 96    | 253.5            | 20.6        | 0         | 361        | 96    | 287.3      | 22.6        | 0         | 361        | 97    | 275.5   | 22.1        | 0         | 361        | 96    | 56.4 |
| CHANNEL            | 217-92VT2PRIB  | 278.9  | 23.7        | 0         | 361        | 99    | 224.9            | 20.9        | 0         | 353        | 96    | 269.4      | 22.5        | 0         | 355        | 97    | 257.7   | 22.4        | 0         | 357        | 97    | 56.3 |
| DEKALB             | DKC62-20RIB    | 282.7  | 21.4        | 0         | 367        | 98    | 244.8            | 18.8        | 0         | 358        | 97    | 288.9      | 21.7        | 0         | 363        | 98    | 272.1   | 20.6        | 0         | 362        | 97    | 55.7 |
| DEKALB             | DKC63-60RIB    | 288.0  | 22.4        | 0         | 364        | 98    | 248.1            | 19.4        | 0         | 358        | 96    | 300.0      | 22.3        | 0         | 358        | 96    | 278.7   | 21.4        | 0         | 360        | 97    | 56.5 |
| DEKALB             | DKC64-34RIB    | 307.0  | 22.6        | 0         | 360        | 97    | 268.3            | 20.8        | 0         | 358        | 96    | 301.7      | 22.2        | 0         | 352        | 93    | 292.3   | 21.9        | 0         | 357        | 95    | 56.4 |
| DEKALB             | DKC64-87RIB    | 291.6  | 21.1        | 0         | 369        | 99    | 245.0            | 20.1        | 0         | 358        | 97    | 291.1      | 21.7        | 0         | 365        | 99    | 275.9   | 21.0        | 0         | 364        | 98    | 55.6 |
| DYNA-GRO           | D54VC14        | 284.3  | 22.0        | 0         | 337        | 91    | 255.4            | 20.8        | 0         | 321        | 87    | 277.2      | 22.1        | 1         | 329        | 90    | 272.3   | 21.6        | 0         | 329        | 89    | 57.0 |
| DYNA-GRO           | D54VC52        | 293.0  | 22.4        | 0         | 337        | 90    | 246.5            | 21.0        | 0         | 316        | 86    | 255.0      | 22.1        | 0         | 318        | 86    | 264.8   | 21.8        | 0         | 324        | 87    | 56.7 |
| EBBERTS            | 628SSX RIB     | 266.5  | 20.8        | 0         | 354        | 94    | 241.4            | 19.8        | 0         | 328        | 86    | 277.1      | 21.1        | 0         | 339        | 91    | 261.7   | 20.6        | 0         | 340        | 90    | 56.6 |
| EBBERTS            | 6933VT2P RIB   | 289.4  | 23.2        | 0         | 360        | 95    | 237.2            | 21.3        | 1         | 343        | 90    | 265.7      | 21.6        | 0         | 351        | 93    | 264.1   | 22.0        | 0         | 351        | 93    | 56.8 |
| EBBERTS            | 9292SSX RIB    | 294.7  | 21.2        | 0         | 372        | 99    | 227.1            | 18.8        | 0         | 360        | 96    | 276.7      | 21.6        | 0         | 376        | 98    | 266.2   | 20.5        | 0         | 369        | 98    | 57.5 |
| FS INVISION        | FS 62R44       | 281.3  | 22.8        | 0         | 341        | 99    | 226.1            | 19.5        | 0         | 338        | 97    | 274.7      | 21.8        | 0         | 343        | 99    | 260.7   | 21.3        | 0         | 341        | 98    | 55.9 |
| FS INVISION        | FS 63ZX1 RIB   | 278.7  | 23.3        | 0         | 341        | 99    | 229.4            | 21.5        | 0         | 339        | 96    | 278.0      | 23.2        | 0         | 338        | 96    | 262.1   | 22.7        | 0         | 339        | 97    | 56.5 |
| FS INVISION        | FS 64SX1 RIB   | 295.4  | 22.3        | 0         | 345        | 97    | 216.5            | 20.7        | 0         | 324        | 93    | 277.1      | 22.1        | 2         | 334        | 97    | 263.0   | 21.7        | 1         | 334        | 96    | 55.7 |
| GOLDEN HARVEST     | G12W66-3000GT  | 288.0  | 23.2        | 0         | 351        | 99    | 241.7            | 20.0        | 0         | 342        | 96    | 284.4      | 22.0        | 0         | 348        | 98    | 271.4   | 21.7        | 0         | 347        | 98    | 56.0 |
| GOLDEN HARVEST     | G14R38-3120    | 284.0  | 22.9        | 0         | 346        | 98    | 239.4            | 21.9        | 0         | 332        | 94    | 289.5      | 22.6        | 0         | 332        | 93    | 271.0   | 22.5        | 0         | 336        | 95    | 53.2 |
| GOLDEN HARVEST     | G14Y81-3000GT  | 283.3  | 22.2        | 0         | 341        | 98    | 257.0            | 20.7        | 0         | 338        | 96    | 287.7      | 21.9        | 0         | 338        | 97    | 276.0   | 21.6        | 0         | 339        | 97    | 51.4 |
| GOLDEN HARVEST     | G15L32-3111    | 290.4  | 23.3        | 0         | 346        | 98    | 256.9            | 22.4        | 0         | 337        | 94    | 280.8      | 21.8        | 0         | 343        | 97    | 276.0   | 22.5        | 0         | 342        | 96    | 55.4 |
| GREAT LAKES        | 6224STX        | 286.9  | 21.8        | 0         | 337        | 98    | 228.9            | 19.3        | 0         | 315        | 90    | 286.2      | 22.0        | 0         | 333        | 96    | 267.3   | 21.0        | 0         | 328        | 95    | 56.4 |
| GREAT LAKES        | 6401STXRIB     | 282.8  | 22.2        | 0         | 351        | 99    | 239.0            | 20.5        | 0         | 338        | 96    | 278.7      | 22.8        | 0         | 345        | 98    | 266.8   | 21.8        | 0         | 345        | 98    | 57.3 |
| GREAT LAKES        | 6571VT2PRIB    | 291.3  | 21.9        | 0         | 343        | 99    | 250.3            | 19.5        | 0         | 346        | 99    | 284.9      | 21.3        | 0         | 345        | 99    | 275.5   | 20.9        | 0         | 345        | 99    | 55.7 |
| LG SEEDS           | LG5618STXRIB   | 274.6  | 22.3        | 0         | 369        | 99    | 231.7            | 21.2        | 0         | 354        | 95    | 283.7      | 22.8        | 0         | 368        | 99    | 263.3   | 22.1        | 0         | 364        | 98    | 56.6 |
| LG SEEDS           | LG5624STX      | 280.3  | 21.6        | 0         | 356        | 94    | 235.4            | 19.6        | 0         | 323        | 83    | 284.3      | 22.4        | 0         | 359        | 94    | 266.7   | 21.2        | 0         | 346        | 90    | 54.5 |
| LG SEEDS           | LG5643VT2RIB   | 302.0  | 21.8        | 0         | 358        | 99    | 272.0            | 19.8        | 0         | 352        | 98    | 301.7      | 20.5        | 0         | 355        | 100   | 291.9   | 20.7        | 0         | 355        | 99    | 55.9 |
| LG SEEDS           | LG5650VT2RIB   | 291.1  | 22.2        | 0         | 369        | 98    | 248.8            | 20.3        | 0         | 351        | 93    | 265.9      | 21.5        | 1         | 363        | 96    | 268.6   | 21.3        | 0         | 361        | 95    | 58.4 |
| NK                 | NK1284-3000GT  | 275.0  | 23.3        | 0         | 355        | 98    | 232.3            | 20.3        | 0         | 332        | 94    | 269.0      | 21.2        | 1         | 345        | 98    | 258.8   | 21.6        | 1         | 344        | 97    | 56.2 |
| NK                 | NK1452-3120    | 283.2  | 24.0        | 0         | 345        | 97    | 248.8            | 21.3        | 0         | 345        | 96    | 289.3      | 22.0        | 0         | 343        | 96    | 273.8   | 22.4        | 0         | 344        | 96    | 53.4 |
| NUTECH/G2 GENETICS | 5F-713™        | 305.5  | 21.3        | 0         | 347        | 98    | 236.2            | 19.5        | 0         | 312        | 91    | 275.8      | 21.4        | 0         | 346        | 99    | 272.5   | 20.7        | 0         | 335        | 96    | 55.8 |
| NUTECH/G2 GENETICS | X5FN1305       | 289.9  | 21.0        | 0         | 342        | 98    | 222.1            | 19.0        | 0         | 332        | 94    | 287.8      | 21.2        | 0         | 341        | 97    | 266.6   | 20.4        | 0         | 338        | 96    | 54.4 |
| NUTECH/G2 GENETICS | X5FN1306       | 291.3  | 24.2        | 0         | 351        | 98    | 244.2            | 20.8        | 0         | 327        | 93    | 299.5      | 21.5        | 0         | 343        | 97    | 278.3   | 22.2        | 0         | 340        | 96    | 53.5 |
| NUTECH/G2 GENETICS | X5NN1212       | 279.3  | 22.8        | 0         | 341        | 97    | 248.9            | 19.9        | 0         | 334        | 94    | 273.9      | 22.1        | 0         | 336        | 96    | 267.4   | 21.6        | 0         | 337        | 96    | 56.0 |
| RUPP               | XR D12-49      | 282.1  | 21.7        | 0         | 333        | 96    | 247.1            | 19.9        | 0         | 328        | 93    | 27         |             |           |            |       |         |             |           |            |       |      |

TABLE 2. Two year hybrid performance in SOUTHWESTERN/WEST CENTRAL/CENTRAL Ohio, 2016-2017.

| Brand              | Hybrid         | Hebron |             |      |       |      | South Charleston |             |      |       |      | Greenville |             |      |       |      | Summary |             |      |       |      |      |
|--------------------|----------------|--------|-------------|------|-------|------|------------------|-------------|------|-------|------|------------|-------------|------|-------|------|---------|-------------|------|-------|------|------|
|                    |                | Yield  | Harv.       | Stk. | Final | Emg. | Yield            | Harv.       | Stk. | Final | Emg. | Yield      | Harv.       | Stk. | Final | Emg. | Yield   | Harv.       | Stk. | Final | Emg. | TW   |
|                    |                | Bu/A   | -----%----- | Ldg. | 100/A |      | Bu/A             | -----%----- | Ldg. | 100/A |      | Bu/A       | -----%----- | Ldg. | 100/A |      | Bu/A    | -----%----- | Ldg. | 100/A |      |      |
| AGRIGOLD HYBRIDS   | A6499STXRIB    | 266.3  | 22.1        | 0    | 343   | 98   | 231.5            | 20.9        | 0    | 328   | 94   | 245.5      | 21.6        | 0    | 326   | 92   | 247.8   | 21.5        | 0    | 332   | 95   | 56.8 |
| AGRIGOLD HYBRIDS   | A6572VT2RIB    | 286.6  | 22.3        | 0    | 354   | 99   | 246.3            | 20.1        | 0    | 347   | 96   | 260.2      | 21.7        | 0    | 338   | 94   | 264.4   | 21.4        | 0    | 346   | 96   | 57.6 |
| BECK'S             | 5840AM™*Brand  | 265.5  | 19.8        | 0    | 336   | 97   | 250.7            | 17.9        | 8    | 332   | 96   | 254.2      | 18.7        | 1    | 334   | 97   | 256.8   | 18.8        | 3    | 334   | 97   | 56.6 |
| BECK'S             | 6127A3         | 267.3  | 23.9        | 0    | 320   | 93   | 244.5            | 19.7        | 2    | 321   | 93   | 235.9      | 21.4        | 0    | 308   | 90   | 249.2   | 21.7        | 1    | 316   | 92   | 55.8 |
| BECK'S             | 6365AM™*Brand  | 282.3  | 21.4        | 0    | 335   | 99   | 232.4            | 18.5        | 10   | 329   | 98   | 252.0      | 19.8        | 1    | 329   | 96   | 255.6   | 19.9        | 4    | 331   | 98   | 55.5 |
| BECK'S             | 6589V2P        | 266.1  | 23.2        | 0    | 312   | 92   | 247.9            | 21.5        | 1    | 306   | 89   | 242.0      | 22.3        | 0    | 301   | 88   | 252.0   | 22.3        | 0    | 306   | 90   | 55.7 |
| CHANNEL            | 207-27STXRIB   | 249.2  | 19.7        | 0    | 359   | 98   | 242.9            | 19.1        | 0    | 361   | 98   | 255.2      | 19.9        | 0    | 349   | 94   | 249.1   | 19.6        | 0    | 356   | 97   | 55.4 |
| CHANNEL            | 213-19VT2PRIB  | 275.4  | 23.0        | 0    | 356   | 97   | 246.6            | 20.9        | 0    | 347   | 93   | 262.3      | 22.9        | 0    | 336   | 91   | 261.4   | 22.3        | 0    | 346   | 94   | 55.2 |
| CHANNEL            | 214-45DGV2PRIB | 271.8  | 23.6        | 0    | 351   | 95   | 233.1            | 19.8        | 0    | 357   | 98   | 253.3      | 19.8        | 0    | 344   | 93   | 252.7   | 21.1        | 0    | 351   | 95   | 54.5 |
| CHANNEL            | 216-36DGV2PRIB | 281.9  | 23.3        | 0    | 363   | 98   | 261.0            | 20.9        | 0    | 363   | 98   | 262.8      | 22.8        | 0    | 336   | 92   | 268.6   | 22.4        | 0    | 354   | 96   | 55.5 |
| DEKALB             | DKC55-20RIB    | 263.6  | 18.6        | 0    | 355   | 96   | 247.2            | 16.0        | 1    | 357   | 97   | 249.2      | 16.9        | 0    | 344   | 94   | 253.3   | 17.2        | 0    | 352   | 96   | 56.4 |
| DEKALB             | DKC58-06RIB    | 261.0  | 19.8        | 0    | 362   | 98   | 230.9            | 18.5        | 1    | 363   | 97   | 247.5      | 19.3        | 0    | 347   | 93   | 246.5   | 19.2        | 0    | 357   | 96   | 56.8 |
| DEKALB             | DKC61-54RIB    | 261.2  | 21.3        | 0    | 359   | 98   | 248.4            | 19.4        | 0    | 367   | 98   | 253.9      | 20.7        | 0    | 347   | 94   | 254.5   | 20.4        | 0    | 358   | 97   | 56.4 |
| DEKALB             | DKC63-60RIB    | 273.2  | 23.6        | 0    | 358   | 98   | 249.1            | 20.3        | 0    | 361   | 97   | 261.1      | 21.8        | 0    | 348   | 94   | 261.2   | 21.9        | 0    | 356   | 96   | 55.9 |
| DEKALB             | DKC64-87RIB    | 261.8  | 22.9        | 0    | 365   | 99   | 249.0            | 20.3        | 0    | 355   | 97   | 248.2      | 21.3        | 0    | 334   | 91   | 253.0   | 21.5        | 0    | 351   | 96   | 54.7 |
| DYNA-GRO           | D49VC39        | 264.3  | 21.1        | 0    | 333   | 90   | 243.2            | 17.8        | 2    | 328   | 89   | 237.0      | 19.7        | 1    | 316   | 85   | 248.2   | 19.5        | 1    | 326   | 88   | 55.0 |
| DYNA-GRO           | D51SS54        | 271.7  | 22.4        | 0    | 376   | 98   | 260.7            | 20.3        | 1    | 376   | 97   | 261.1      | 20.5        | 0    | 362   | 93   | 264.5   | 21.1        | 0    | 372   | 96   | 54.7 |
| DYNA-GRO           | D54VC52        | 282.4  | 24.5        | 0    | 337   | 91   | 250.0            | 21.2        | 1    | 330   | 90   | 247.1      | 22.5        | 0    | 319   | 87   | 259.8   | 22.7        | 0    | 329   | 90   | 55.8 |
| EBBERTS            | 628SSX RIB     | 269.8  | 21.9        | 0    | 353   | 95   | 251.4            | 20.5        | 0    | 345   | 93   | 247.9      | 22.0        | 0    | 325   | 88   | 256.4   | 21.5        | 0    | 341   | 92   | 56.1 |
| EBBERTS            | 6770VT2P RIB   | 262.4  | 21.1        | 0    | 340   | 92   | 235.2            | 17.8        | 2    | 332   | 90   | 245.0      | 19.2        | 0    | 322   | 86   | 247.6   | 19.4        | 1    | 331   | 90   | 55.4 |
| EBBERTS            | 6933VT2P RIB   | 273.9  | 23.7        | 0    | 343   | 92   | 236.6            | 22.0        | 1    | 340   | 92   | 249.4      | 21.4        | 0    | 327   | 89   | 253.3   | 22.4        | 0    | 337   | 91   | 56.0 |
| EBBERTS            | 9292SSX RIB    | 283.8  | 21.9        | 0    | 365   | 98   | 241.1            | 19.3        | 1    | 361   | 98   | 247.5      | 21.5        | 0    | 345   | 92   | 257.5   | 20.9        | 0    | 357   | 96   | 56.3 |
| GOLDEN HARVEST     | G12W66-3000GT  | 282.8  | 23.0        | 0    | 356   | 99   | 238.2            | 19.5        | 1    | 351   | 98   | 251.9      | 20.7        | 0    | 327   | 91   | 257.6   | 21.1        | 0    | 345   | 96   | 56.0 |
| GREAT LAKES        | 6185STXRIB     | 266.2  | 22.1        | 0    | 340   | 99   | 242.7            | 20.3        | 1    | 336   | 96   | 254.0      | 20.6        | 0    | 322   | 93   | 254.3   | 21.0        | 0    | 332   | 96   | 54.7 |
| LG SEEDS           | LG5548STXRIB   | 259.0  | 22.1        | 0    | 347   | 99   | 251.5            | 19.9        | 0    | 348   | 99   | 259.9      | 21.5        | 0    | 336   | 95   | 256.8   | 21.2        | 0    | 344   | 98   | 54.6 |
| LG SEEDS           | LG5618STXRIB   | 272.9  | 23.9        | 0    | 347   | 99   | 239.2            | 21.4        | 0    | 343   | 97   | 256.2      | 22.0        | 0    | 332   | 94   | 256.1   | 22.4        | 0    | 340   | 97   | 56.4 |
| NK                 | NK1284-3000GT  | 277.4  | 24.0        | 0    | 358   | 98   | 226.6            | 19.3        | 10   | 347   | 96   | 244.3      | 20.6        | 1    | 335   | 94   | 249.5   | 21.3        | 4    | 346   | 96   | 56.0 |
| NUTECH/G2 GENETICS | 5F-510™        | 274.0  | 21.5        | 0    | 328   | 98   | 261.4            | 19.4        | 4    | 331   | 97   | 253.6      | 20.3        | 1    | 327   | 97   | 263.0   | 20.4        | 2    | 329   | 98   | 57.9 |
| NUTECH/G2 GENETICS | 5F-713™        | 289.9  | 22.1        | 0    | 325   | 98   | 244.2            | 19.4        | 0    | 307   | 95   | 249.9      | 20.8        | 1    | 312   | 96   | 261.3   | 20.8        | 0    | 315   | 97   | 55.1 |
| RUPP               | XR D10-01      | 254.2  | 20.2        | 0    | 342   | 99   | 247.3            | 17.1        | 1    | 338   | 97   | 249.9      | 19.4        | 0    | 332   | 96   | 250.5   | 18.9        | 0    | 337   | 97   | 56.0 |
| RUPP               | XR D11-57      | 264.3  | 19.4        | 0    | 327   | 96   | 240.5            | 18.3        | 1    | 321   | 95   | 245.4      | 19.4        | 1    | 316   | 92   | 250.1   | 19.1        | 1    | 321   | 94   | 55.2 |
| SEED CONSULTANTS   | SC 11AQ17™     | 277.8  | 24.0        | 0    | 334   | 99   | 239.8            | 19.8        | 2    | 334   | 96   | 253.5      | 20.7        | 0    | 321   | 95   | 257.0   | 21.5        | 1    | 329   | 97   | 55.9 |
| SEED CONSULTANTS   | SCS 1125YHR™   | 296.9  | 21.6        | 0    | 318   | 98   | 237.8            | 19.2        | 6    | 314   | 96   | 250.8      | 20.7        | 1    | 303   | 93   | 261.8   | 20.5        | 2    | 312   | 96   | 55.2 |
| SHUR GROW          | SG 695SSRIB    | 266.8  | 22.2        | 0    | 334   | 91   | 241.2            | 19.3        | 0    | 336   | 91   | 230.2      | 20.5        | 0    | 305   | 83   | 246.1   | 20.6        | 0    | 325   | 88   | 56.5 |
| SHUR GROW          | SG 716VT2PRIB  | 260.1  | 21.3        | 0    | 354   | 96   | 229.6            | 17.3        | 1    | 352   | 95   | 223.1      | 17.6        | 0    | 336   | 91   | 237.6   | 18.7        | 1    | 347   | 94   | 56.9 |
| SHUR GROW          | SG 723VT2PRIB  | 261.2  | 22.1        | 0    | 354   | 96   | 231.8            | 18.5        | 0    | 355   | 95   | 240.8      | 20.7        | 0    | 341   | 92   | 244.6   | 20.5        | 0    | 350   | 94   | 56.4 |
| STEWART SEEDS      | 8E663RIB       | 283.7  | 22.4        | 0    | 364   | 99   | 243.4            | 20.4        | 1    | 364   | 99   | 224.8      | 22.0        | 0    | 324   | 88   | 250.6   | 21.6        | 0    | 351   | 95   | 56.7 |
| WELLMAN SEEDS      | W 2609DP       | 257.5  | 20.9        | 0    | 313   | 92   | 242.5            | 18.4        | 0    | 319   | 92   | 241.7      | 19.6        | 0    | 312   | 91   | 247.2   | 19.6        | 0    | 315   | 92   | 55.2 |
| WELLMAN SEEDS      | W 2705DP       | 261.3  | 18.9        | 0    | 335   | 97   | 236.5            | 15.8        | 0    | 328   | 95   | 241.7      | 17.8        | 0    | 323   | 93   | 246.5   | 17.5        | 0    | 328   | 95   | 58.0 |
| WELLMAN SEEDS      | W 2708         | 266.8  | 20.6        | 0    | 331   | 97   | 250.9            | 18.2        | 0    | 323   | 94   | 250.5      | 19.3        | 0    | 310   | 91   | 256.0   | 19.4        | 0    | 321   | 94   | 56.5 |
| High               |                | 296.9  | 24.5        | 0    | 376   | 99   | 261.4            | 22.0        | 10   | 376   | 99   | 262.8      | 22.9        | 1    | 362   | 97   | 268.6   | 22.7        | 4    | 372   | 98   | 58.0 |
| Average            |                | 270.4  | 21.9        | 0    | 345   | 97   | 243.1            | 19.4        | 2    | 341   | 95   | 248.5      | 20.6        | 0    | 329   | 92   | 254.0   | 20.6        | 1    | 338   | 95   | 55.9 |
| Low                |                | 249.2  | 18.6        | 0    | 312   | 90   | 226.6            | 15.8        | 0    | 306   | 89   | 223.1      | 16.9        | 0    | 301   | 83   | 237.6   | 17.2        | 0    | 306   | 88   | 54.5 |

TABLE 3. Three year hybrid performance in SOUTHWESTERN/WEST CENTRAL/CENTRAL Ohio, 2015-2017.

| Brand                  | Hybrid         | Hebron |        |      |       |      | South Charleston |        |      |       |      | Summary |        |      |       |      |      |
|------------------------|----------------|--------|--------|------|-------|------|------------------|--------|------|-------|------|---------|--------|------|-------|------|------|
|                        |                | Yield  | Harv.  | Stk. | Final | Emg. | Yield            | Harv.  | Stk. | Final | Emg. | Yield   | Harv.  | Stk. | Final | Emg. | TW   |
|                        |                | Bu/A   | -----% | Ldg. | Std.  |      | Bu/A             | -----% | Ldg. | Std.  |      | Bu/A    | -----% | Ldg. | Std.  |      |      |
| AGRIGOLD HYBRIDS       | A6499STXRIB    | 267.6  | 22.6   | 0    | 349   | 98   | 231.9            | 20.2   | 0    | 341   | 95   | 249.7   | 21.4   | 0    | 345   | 97   | 56.9 |
| BECK'S                 | 5840AM™*Brand  | 271.6  | 20.0   | 0    | 339   | 98   | 245.7            | 17.5   | 6    | 335   | 97   | 258.6   | 18.8   | 3    | 337   | 97   | 56.6 |
| BECK'S                 | 6365AM™*Brand  | 280.3  | 21.6   | 0    | 336   | 99   | 230.3            | 17.6   | 7    | 334   | 99   | 255.3   | 19.6   | 3    | 335   | 99   | 55.3 |
| CHANNEL                | 207-27STXRIB   | 270.0  | 20.0   | 0    | 360   | 98   | 239.8            | 18.1   | 0    | 361   | 98   | 254.9   | 19.1   | 0    | 361   | 98   | 55.2 |
| CHANNEL                | 214-45DGV2PRIB | 275.4  | 23.7   | 0    | 351   | 95   | 234.9            | 19.1   | 0    | 357   | 97   | 255.2   | 21.4   | 0    | 354   | 96   | 54.6 |
| DEKALB                 | DKC55-20RIB    | 276.0  | 18.9   | 0    | 357   | 97   | 243.2            | 15.4   | 1    | 359   | 96   | 259.6   | 17.2   | 0    | 358   | 97   | 56.4 |
| DEKALB                 | DKC58-06RIB    | 274.2  | 19.9   | 0    | 360   | 97   | 232.1            | 17.8   | 1    | 359   | 97   | 253.1   | 18.9   | 0    | 359   | 97   | 56.9 |
| DEKALB                 | DKC61-54RIB    | 273.4  | 21.1   | 0    | 363   | 99   | 248.6            | 18.7   | 0    | 369   | 99   | 261.0   | 19.9   | 0    | 366   | 99   | 56.7 |
| DEKALB                 | DKC63-60RIB    | 280.7  | 23.3   | 0    | 359   | 98   | 250.6            | 19.9   | 1    | 362   | 98   | 265.7   | 21.6   | 0    | 360   | 98   | 56.0 |
| DEKALB                 | DKC64-87RIB    | 269.7  | 22.6   | 0    | 361   | 99   | 245.1            | 19.2   | 0    | 358   | 98   | 257.4   | 20.9   | 0    | 360   | 98   | 54.9 |
| DYNA-GRO               | D51SS54        | 282.0  | 21.9   | 0    | 374   | 98   | 259.9            | 19.2   | 0    | 376   | 97   | 271.0   | 20.6   | 0    | 375   | 97   | 54.7 |
| EBBERTS                | 6933VT2P RIB   | 272.7  | 22.8   | 0    | 346   | 93   | 236.6            | 21.0   | 0    | 351   | 94   | 254.6   | 21.9   | 0    | 348   | 93   | 56.4 |
| GREAT LAKES            | 6185STXRIB     | 273.8  | 21.7   | 0    | 337   | 99   | 246.1            | 19.4   | 0    | 338   | 97   | 259.9   | 20.5   | 0    | 338   | 98   | 54.8 |
| LG SEEDS               | LG5548STXRIB   | 274.0  | 21.9   | 0    | 340   | 99   | 252.6            | 18.8   | 0    | 344   | 99   | 263.3   | 20.4   | 0    | 342   | 99   | 54.7 |
| LG SEEDS               | LG5618STXRIB   | 276.1  | 23.7   | 0    | 338   | 99   | 238.8            | 20.8   | 0    | 341   | 98   | 257.5   | 22.3   | 0    | 340   | 98   | 56.4 |
| NUTECH/G2 GENETICS     | 5F-510™        | 286.3  | 21.4   | 0    | 332   | 98   | 257.4            | 18.6   | 3    | 332   | 97   | 271.8   | 20.0   | 1    | 332   | 98   | 57.9 |
| NUTECH/G2 GENETICS     | 5F-713™        | 284.6  | 21.7   | 0    | 329   | 98   | 232.5            | 18.6   | 0    | 318   | 96   | 258.5   | 20.2   | 0    | 324   | 97   | 55.1 |
| SHUR GROW              | SG 695SSRIB    | 273.5  | 21.9   | 0    | 350   | 93   | 231.3            | 18.2   | 0    | 352   | 94   | 252.4   | 20.1   | 0    | 351   | 93   | 56.8 |
| SHUR GROW              | SG 716VT2PRIB  | 273.5  | 21.2   | 0    | 363   | 97   | 229.1            | 16.7   | 1    | 361   | 96   | 251.3   | 19.0   | 0    | 362   | 96   | 56.5 |
| STEWART SEEDS          | 8E663RIB       | 278.6  | 21.7   | 0    | 363   | 99   | 243.3            | 19.9   | 1    | 366   | 98   | 260.9   | 20.8   | 0    | 364   | 99   | 57.1 |
| High<br>Average<br>Low |                | 286.3  | 23.7   | 0    | 374   | 99   | 259.9            | 21.0   | 7    | 376   | 99   | 271.8   | 22.3   | 3    | 375   | 99   | 57.9 |
|                        |                | 275.7  | 21.7   | 0    | 350   | 97   | 241.5            | 18.7   | 1    | 351   | 97   | 258.6   | 20.2   | 1    | 351   | 97   | 56.0 |
|                        |                | 267.6  | 18.9   | 0    | 329   | 93   | 229.1            | 15.4   | 0    | 318   | 94   | 249.7   | 17.2   | 0    | 324   | 93   | 54.6 |

Table 4E. Performance of hybrids in the early maturity trial. NORTHWESTERN Ohio, 2017.

| Brand              | Hybrid        | Van Wert |             |       |       |      | Hoytville |             |       |       |      | Upper Sandusky |             |       |       |      | Summary |             |       |       |      |      |
|--------------------|---------------|----------|-------------|-------|-------|------|-----------|-------------|-------|-------|------|----------------|-------------|-------|-------|------|---------|-------------|-------|-------|------|------|
|                    |               | Yield    | Harv.       | Stk.  | Final | Emg. | Yield     | Harv.       | Stk.  | Final | Emg. | Yield          | Harv.       | Stk.  | Final | Emg. | Yield   | Harv.       | Stk.  | Final | Emg. | TW   |
|                    |               | Bu/A     | -----%----- | 100/A | --%-- |      | Bu/A      | -----%----- | 100/A | --%-- |      | Bu/A           | -----%----- | 100/A | --%-- |      | Bu/A    | -----%----- | 100/A | --%-- |      | Lbs. |
| AGRA SOLUTIONS     | KEY 806       | 246.6    | 18.6        | 15    | 332   | 89   | 189.7     | 18.7        | 0     | 339   | 96   | 261.3          | 23.1        | 3     | 333   | 94   | 232.6   | 20.1        | 6     | 335   | 93   | 57.4 |
| BA Genetics        | BA18-03       | 235.4    | 17.8        | 2     | 297   | 89   | 209.2     | 18.2        | 0     | 314   | 92   | 262.2          | 20.1        | 0     | 320   | 94   | 235.6   | 18.7        | 1     | 310   | 91   | 57.3 |
| BA Genetics        | BA18-08       | 249.8    | 17.9        | 5     | 337   | 96   | 198.5     | 18.9        | 0     | 344   | 97   | 271.6          | 21.5        | 0     | 339   | 97   | 240.0   | 19.4        | 2     | 340   | 97   | 55.6 |
| BA Genetics        | BA8341        | 233.5    | 18.3        | 1     | 288   | 79   | 197.2     | 18.8        | 0     | 344   | 98   | 241.1          | 23.6        | 2     | 320   | 92   | 223.9   | 20.2        | 1     | 317   | 89   | 57.2 |
| BECK'S             | 5140HR™*Brand | 264.8    | 18.9        | 5     | 320   | 85   | 222.7     | 20.6        | 0     | 349   | 98   | 280.3          | 22.8        | 3     | 342   | 97   | 255.9   | 20.8        | 3     | 337   | 93   | 57.5 |
| CHANNEL            | 205-19STXRIB  | 262.0    | 17.6        | 1     | 354   | 95   | 220.8     | 18.7        | 0     | 359   | 95   | 268.2          | 22.0        | 0     | 347   | 93   | 250.3   | 19.4        | 0     | 353   | 95   | 56.3 |
| CHANNEL            | 207-27STXRIB  | 241.8    | 19.0        | 1     | 341   | 92   | 220.3     | 20.8        | 0     | 354   | 95   | 277.8          | 23.7        | 1     | 358   | 95   | 246.6   | 21.2        | 1     | 351   | 94   | 56.3 |
| DAIRYLAND          | DS-9508RA     | 255.9    | 18.3        | 3     | 321   | 94   | 201.9     | 19.4        | 0     | 327   | 95   | 279.4          | 23.7        | 0     | 334   | 98   | 245.8   | 20.5        | 1     | 328   | 96   | 53.6 |
| DEKALB             | DKC53-56RIB   | 236.3    | 17.8        | 3     | 320   | 85   | 201.8     | 18.4        | 0     | 356   | 95   | 272.6          | 21.1        | 3     | 355   | 94   | 236.9   | 19.1        | 2     | 344   | 91   | 57.4 |
| DEKALB             | DKC54-38RIB   | 239.4    | 17.8        | 3     | 349   | 94   | 215.1     | 19.7        | 0     | 352   | 94   | 248.7          | 22.4        | 1     | 342   | 91   | 234.4   | 20.0        | 1     | 348   | 93   | 57.8 |
| DEKALB             | DKC55-20RIB   | 239.3    | 17.1        | 2     | 348   | 96   | 190.7     | 18.2        | 0     | 349   | 93   | 262.1          | 20.6        | 0     | 363   | 97   | 230.7   | 18.6        | 1     | 353   | 95   | 56.1 |
| DEKALB             | DKC57-97RIB   | 237.8    | 18.1        | 1     | 302   | 80   | 205.1     | 18.5        | 0     | 361   | 97   | 277.7          | 22.4        | 4     | 360   | 96   | 240.2   | 19.6        | 2     | 341   | 91   | 56.7 |
| DEKALB             | DKC58-06RIB   | 242.2    | 18.9        | 17    | 328   | 88   | 202.7     | 19.9        | 0     | 364   | 97   | 269.8          | 23.7        | 4     | 363   | 96   | 238.3   | 20.8        | 7     | 351   | 93   | 58.6 |
| DYNA-GRO           | D47VC29       | 254.4    | 17.3        | 5     | 346   | 93   | 209.5     | 18.7        | 0     | 370   | 94   | 271.4          | 21.7        | 7     | 364   | 93   | 245.1   | 19.2        | 4     | 360   | 93   | 57.2 |
| DYNA-GRO           | D48SS38       | 244.0    | 17.9        | 0     | 365   | 97   | 208.6     | 19.9        | 0     | 381   | 96   | 263.8          | 23.5        | 2     | 372   | 94   | 238.8   | 20.5        | 1     | 373   | 96   | 57.3 |
| EBBERTS            | 6466VT2P RIB  | 242.5    | 17.6        | 3     | 333   | 87   | 204.5     | 17.4        | 0     | 363   | 94   | 260.4          | 19.8        | 0     | 365   | 95   | 235.8   | 18.3        | 1     | 354   | 92   | 58.0 |
| EBBERTS            | 9137SSX RIB   | 241.8    | 17.9        | 21    | 333   | 90   | 210.2     | 18.7        | 0     | 364   | 95   | 271.1          | 23.4        | 1     | 365   | 96   | 241.0   | 20.0        | 7     | 354   | 94   | 57.4 |
| EBBERTS            | 9577SSX       | 256.7    | 18.0        | 4     | 355   | 94   | 208.7     | 19.3        | 0     | 360   | 93   | 257.1          | 22.8        | 1     | 347   | 91   | 240.8   | 20.0        | 2     | 354   | 93   | 57.7 |
| FS INVISION        | FS 52RL0 EZR  | 230.4    | 17.6        | 2     | 301   | 85   | 190.5     | 18.4        | 2     | 342   | 96   | 260.7          | 20.1        | 3     | 346   | 99   | 227.2   | 18.7        | 3     | 329   | 93   | 56.4 |
| FS INVISION        | FS 54ZX1 RIB  | 226.1    | 18.1        | 7     | 337   | 97   | 200.4     | 18.6        | 0     | 337   | 95   | 239.6          | 21.6        | 0     | 338   | 97   | 222.0   | 19.4        | 2     | 337   | 96   | 58.3 |
| FS INVISION        | FS 55TX1 RIB  | 232.5    | 18.4        | 2     | 281   | 81   | 200.5     | 18.7        | 1     | 326   | 93   | 250.2          | 22.9        | 1     | 319   | 91   | 227.7   | 20.0        | 1     | 309   | 88   | 58.0 |
| FS INVISION        | FS 57TX1 RIB  | 230.1    | 18.1        | 14    | 318   | 92   | 200.3     | 20.4        | 0     | 352   | 98   | 250.1          | 22.8        | 0     | 339   | 97   | 226.8   | 20.4        | 5     | 336   | 96   | 58.3 |
| GOLDEN HARVEST     | G03C84-3120   | 238.2    | 17.6        | 9     | 350   | 98   | 193.1     | 18.6        | 1     | 355   | 99   | 265.6          | 21.1        | 1     | 350   | 97   | 232.3   | 19.1        | 4     | 351   | 98   | 55.7 |
| GOLDEN HARVEST     | G05B91-3010   | 236.3    | 18.3        | 2     | 330   | 90   | 191.4     | 18.2        | 1     | 333   | 94   | 258.3          | 21.7        | 0     | 325   | 91   | 228.6   | 19.4        | 1     | 330   | 92   | 56.7 |
| GOLDEN HARVEST     | G07F23-3111   | 238.1    | 17.2        | 3     | 345   | 97   | 201.5     | 18.0        | 0     | 355   | 99   | 259.9          | 23.3        | 0     | 348   | 98   | 233.2   | 19.5        | 1     | 349   | 98   | 55.0 |
| GREAT LAKES        | 5556VT2PRIB   | 224.1    | 17.8        | 2     | 323   | 92   | 206.9     | 18.4        | 0     | 340   | 96   | 253.4          | 21.4        | 0     | 348   | 97   | 228.1   | 19.2        | 1     | 337   | 95   | 56.8 |
| GREAT LAKES        | 5626VT2PRO    | 211.2    | 18.0        | 47    | 330   | 96   | 186.0     | 18.5        | 2     | 324   | 93   | 261.5          | 21.4        | 45    | 330   | 93   | 219.6   | 19.3        | 32    | 328   | 94   | 59.9 |
| GREAT LAKES        | 5824STXRIB    | 241.4    | 18.7        | 28    | 319   | 93   | 218.3     | 20.6        | 3     | 337   | 97   | 270.2          | 23.9        | 1     | 348   | 98   | 243.3   | 21.1        | 11    | 335   | 96   | 58.4 |
| GRO-MOR            | 58V76         | 224.8    | 17.8        | 2     | 302   | 98   | 204.0     | 18.8        | 0     | 314   | 94   | 244.4          | 22.3        | 0     | 299   | 91   | 224.4   | 19.6        | 1     | 305   | 94   | 56.0 |
| LG SEEDS           | LG5520STXRIB  | 224.1    | 17.7        | 6     | 348   | 94   | 185.5     | 19.1        | 0     | 364   | 97   | 252.5          | 21.9        | 1     | 367   | 96   | 220.7   | 19.6        | 2     | 360   | 96   | 56.5 |
| LG SEEDS           | LG5525VTPro   | 248.0    | 18.2        | 1     | 357   | 96   | 228.2     | 19.2        | 1     | 364   | 97   | 280.6          | 21.6        | 0     | 358   | 95   | 252.3   | 19.7        | 1     | 359   | 96   | 57.3 |
| LG SEEDS           | LG5530VT2Pro  | 213.0    | 18.0        | 15    | 368   | 100  | 196.4     | 18.3        | 3     | 366   | 97   | 252.5          | 21.1        | 17    | 361   | 97   | 220.6   | 19.1        | 12    | 365   | 98   | 60.2 |
| LG SEEDS           | LG5565STXRIB  | 232.6    | 18.6        | 57    | 350   | 92   | 215.6     | 20.4        | 3     | 362   | 95   | 275.5          | 23.2        | 2     | 381   | 99   | 241.2   | 20.7        | 21    | 364   | 95   | 58.5 |
| NK                 | NK0327-3120   | 222.4    | 18.5        | 73    | 352   | 98   | 194.1     | 18.5        | 0     | 347   | 97   | 240.8          | 21.0        | 13    | 355   | 99   | 219.1   | 19.3        | 29    | 351   | 98   | 59.5 |
| NK                 | NK0760-3111   | 232.1    | 17.8        | 8     | 341   | 96   | 202.6     | 18.1        | 3     | 351   | 98   | 261.7          | 21.7        | 0     | 347   | 97   | 232.1   | 19.2        | 4     | 346   | 97   | 55.7 |
| NUTECH/G2 GENETICS | 5F-308™       | 283.3    | 19.2        | 20    | 330   | 94   | 203.6     | 20.4        | 0     | 327   | 94   | 247.5          | 23.1        | 0     | 320   | 92   | 244.8   | 20.9        | 7     | 326   | 93   | 57.8 |
| NUTECH/G2 GENETICS | 5F-504™       | 262.2    | 18.4        | 20    | 336   | 95   | 190.6     | 19.0        | 0     | 345   | 98   | 283.0          | 22.4        | 6     | 346   | 99   | 245.3   | 19.9        | 9     | 342   | 97   | 56.5 |
| NUTECH/G2 GENETICS | 5H-806™       | 236.1    | 18.9        | 3     | 296   | 86   | 216.0     | 21.1        | 0     | 317   | 91   | 281.7          | 23.3        | 0     | 325   | 93   | 244.6   | 21.1        | 1     | 313   | 90   | 56.9 |
| NUTECH/G2 GENETICS | 5VN-4707      | 232.3    | 17.6        | 3     | 327   | 94   | 197.9     | 19.0        | 1     | 332   | 96   | 254.7          | 22.7        | 2     | 329   | 93   | 228.3   | 19.8        | 2     | 329   | 94   | 54.9 |
| RUPP               | XR D02-93     | 203.2    | 17.6        | 3     | 308   | 88   | 182.2     | 18.0        | 0     | 330   | 94   | 241.5          | 20.3        | 6     | 329   | 92   | 209.0   | 18.6        | 3     | 323   | 91   | 59.1 |
| RUPP               | XR D06-70     | 229.6    | 17.6        | 0     | 299   | 81   | 200.0     | 17.8        | 0     | 340   | 96   | 251.6          | 19.6        | 0     | 329   | 92   | 227.1   | 18.3        | 0     | 323   | 90   | 57.9 |
| RUPP               | XR D07-72     | 253.8    | 17.7        | 2     | 324   | 92   | 213.3     | 19.1        | 0     | 330   | 95   | 263.5          | 21.3        | 1     | 324   | 93   | 243.5   | 19.3        | 1     | 326   | 93   | 57.9 |
| RUPP               | XR J05-75     | 241.6    | 18.0        | 9     | 339   | 97   | 207.3     | 18.9        | 0     | 341   | 96   | 255.5          | 21.7        | 4     | 341   | 96   | 234.8   | 19.5        | 4     | 340   | 96   | 58.5 |
| SEED CONSULTANTS   | SCS 1037YHR™  | 253.1    | 18.1        | 5     | 314   | 96   | 199.1     | 19.6        | 0     | 323   | 97   | 256.9          | 21.1        | 0     | 321   | 95   | 236.4   | 19.6        | 2     | 319   | 96   | 58.9 |
| SEED CONSULTANTS   | SCS 1067YHR™  | 242.6    | 18.1        | 2     | 315   | 94   | 190.0     | 19.3        | 0     | 333   | 97   | 259.2          | 22.3        | 3     | 321   | 94   | 230.6   | 19.9        | 1     | 323   | 95   | 57.4 |
| SEED CONSULTANTS   | SCS 1086YHR™  | 280.8    | 19.0        | 3     | 308   | 95   | 193.5     | 19.5        | 0     | 308   | 96   | 279.6          | 22.4        | 1     | 303   | 94   | 251.3   | 20.3        | 1     | 307   | 95   | 55.8 |
| SEED CONSULTANTS   | SCS 1087YHR™  | 276.4    | 18.1        | 2     | 314   | 96   | 209.5     | 19.4        | 1     | 323   | 95   | 274.5          | 23.4        | 0     | 316   | 96   | 253.5   | 20.3        | 1     | 318   | 96   | 55.3 |
| SEED CONSULTANTS   | SCS 10HR43™   | 245.8    | 19.3        | 17    | 301   | 80   | 223.8     | 20.6        | 0     | 326   | 96   | 277.2          | 23.3        | 0     | 328   | 98   | 248.9   | 21.0        | 6     | 318   | 91   | 57.1 |
| SHUR GROW          | SG 636VT2PRIB | 199.4    | 17.7        | 6     | 277   | 76   | 179.3     | 18.2        | 1     | 312   | 90   | 224.9          | 21.4        | 0     | 301   | 86   | 201.2   | 19.1        | 2     | 297   | 84   | 59.0 |
| SHUR GROW          | SG 657VT2PRIB | 244.2    | 17.7        | 2     | 334   | 90   | 196.3     | 18.1        | 0     | 343   | 91   | 270.0          | 20.4        | 1     | 354   | 94   | 236.8   | 18.7        | 1     | 344   | 92   | 58.4 |
| SHUR GROW          | SG 677VT2PRIB | 240.6    | 18.9        | 3     | 316   | 90   | 193.4     | 19.9        | 0     | 315   | 90   | 261.6          | 23.8        | 0     | 324   | 92   | 231.9   | 20.9        | 1     | 318   | 91   | 55.5 |
| STEWART SEEDS      | 04SS288       | 235.9    | 17.3        | 16    | 338   | 90   | 198.4     | 18.7        | 0     | 352   | 94   | 268.1          | 21.5        | 11    | 354   | 94   | 234.1   | 19.2        | 9     | 348   | 93   | 57.7 |
| STEWART SEEDS      | 06DP308       | 222.0    | 18.4        | 3     | 303   | 82   | 203.5     | 19.1        | 0     | 341   | 92   | 269.7          | 22.8        | 0     | 346   | 92   | 231.7   | 20.1        | 1     | 330   | 89   | 58.9 |
| STEWART SEEDS      | 08SS527       | 213.1    | 18.1        | 6     | 341   | 93   | 185.2     | 19.1        | 1     | 352   | 95   | 268.3          | 23.2        | 0     | 369   | 97   | 222.2   | 20.2        | 3     | 354   | 95   | 56.0 |
| STEWART SEEDS      | 7A259RIB      | 239.0    | 18.3        | 21    | 361   | 87   | 194.7     | 20.0        | 0     | 398   | 96   | 258.2          | 22.6        | 2     | 386   | 94   | 230.6   | 20.3        | 8     | 382   | 92   | 56.3 |
| VIKING             | O.42-08       | 247.1    | 17.9        | 8     | 339   | 98   | 199.4     | 18.5        | 2     | 345   | 98   | 249.4          | 22.4        | 0     | 345   | 99   | 232.0   | 19.6        | 3     | 343   | 98   | 53.6 |
| VIKING             | O.51-04GS     | 222.7    | 17.7        | 72    | 330   | 94   | 184.4     | 17.9        | 3     | 332   | 96   | 255.0          | 21.1        | 5     | 338   | 97   | 220.7   | 18.9        | 27    | 334   | 96   | 55.4 |
| VIKING             | O.68-06       | 239.4    | 18.3        | 4     | 332   | 97   | 191.3     | 18.6        | 1     | 341   | 97   | 253.1          | 23.2        | 0     | 343   | 98   | 227.9   | 20.0        | 2     | 338   | 97   | 54.4 |
| VIKING             | O.86-03UP     | 233.6    | 18.2        | 1     | 305   | 89   | 176.1     | 18.0        | 0     | 338   | 95   | 240.5          | 20.1        | 4     | 332   | 94   | 216.8   | 18.8        | 1     | 325   | 93   | 59.0 |
| WELLMAN SEEDS      | W 2705DP      | 253.4    | 17.6        | 1     | 323   | 92   | 190.5     | 17.9        | 3     | 329   | 94   | 260.6          | 20.6        | 1     | 327   | 91   | 234.8   | 18.7        | 2     | 326   | 93   | 58.4 |
| WELLMAN SEEDS      | W 2708        | 255.5    | 1           |       |       |      |           |             |       |       |      |                |             |       |       |      |         |             |       |       |      |      |

Table 4L. Performance of hybrids in the full season trial. NORTHWESTERN Ohio, 2017.

| Brand              | Hybrid         | Van Wert |             |      |       |       | Hoytville |             |      |       |       | Upper Sandusky |             |      |       |       | Summary |             |      |       |       |      |
|--------------------|----------------|----------|-------------|------|-------|-------|-----------|-------------|------|-------|-------|----------------|-------------|------|-------|-------|---------|-------------|------|-------|-------|------|
|                    |                | Yield    | Harv.       | Stk. | Final | Emg.  | Yield     | Harv.       | Stk. | Final | Emg.  | Yield          | Harv.       | Stk. | Final | Emg.  | Yield   | Harv.       | Stk. | Final | Emg.  | TW   |
|                    |                | Bu/A     | -----%----- |      | 100/A | --%-- | Bu/A      | -----%----- |      | 100/A | --%-- | Bu/A           | -----%----- |      | 100/A | --%-- | Bu/A    | -----%----- |      | 100/A | --%-- | Lbs. |
| AGRA SOLUTIONS     | KEY 812Q       | 270.3    | 20.0        | 4    | 343   | 98    | 182.5     | 22.2        | 0    | 345   | 98    | 267.1          | 26.2        | 0    | 347   | 98    | 239.9   | 22.8        | 1    | 345   | 98    | 55.3 |
| BA Genetics        | BA18-10        | 270.0    | 18.5        | 5    | 325   | 92    | 190.3     | 21.2        | 0    | 337   | 96    | 270.6          | 23.1        | 0    | 339   | 97    | 243.6   | 20.9        | 2    | 334   | 95    | 57.1 |
| BA Genetics        | BA18-11        | 271.8    | 20.0        | 3    | 319   | 94    | 179.3     | 22.0        | 0    | 330   | 96    | 255.6          | 25.7        | 2    | 330   | 97    | 235.6   | 22.6        | 2    | 327   | 96    | 54.6 |
| BA Genetics        | BA8484         | 258.7    | 19.7        | 3    | 294   | 89    | 193.0     | 23.0        | 0    | 338   | 99    | 273.1          | 25.1        | 0    | 337   | 98    | 241.6   | 22.6        | 1    | 323   | 95    | 55.9 |
| BECK'S             | 6082AM™*Brand  | 263.7    | 18.0        | 4    | 310   | 88    | 220.0     | 19.3        | 0    | 324   | 93    | 253.1          | 26.1        | 1    | 297   | 84    | 245.6   | 21.1        | 2    | 310   | 88    | 54.1 |
| BECK'S             | 6127A3         | 257.0    | 19.9        | 2    | 311   | 85    | 196.8     | 21.8        | 0    | 294   | 83    | 238.1          | 25.5        | 0    | 287   | 83    | 230.6   | 22.4        | 1    | 297   | 83    | 56.1 |
| CHANNEL            | 209-15VT2PRIB  | 272.1    | 18.3        | 2    | 364   | 97    | 213.8     | 19.9        | 0    | 364   | 96    | 277.7          | 23.3        | 1    | 365   | 96    | 254.5   | 20.5        | 1    | 364   | 96    | 55.9 |
| CHANNEL            | 210-26STXRIB   | 266.3    | 18.7        | 11   | 356   | 96    | 194.2     | 21.1        | 1    | 373   | 99    | 282.5          | 25.1        | 3    | 376   | 97    | 247.7   | 21.6        | 5    | 368   | 97    | 54.6 |
| CHANNEL            | 212-20STXRIB   | 274.0    | 19.9        | 36   | 356   | 96    | 205.0     | 22.6        | 0    | 359   | 95    | 262.9          | 24.9        | 0    | 359   | 95    | 247.3   | 22.5        | 12   | 358   | 95    | 57.0 |
| CHANNEL            | 213-19STXRIB   | 266.7    | 20.3        | 4    | 337   | 86    | 205.7     | 22.5        | 1    | 355   | 95    | 270.7          | 26.2        | 2    | 359   | 95    | 247.7   | 23.0        | 2    | 350   | 92    | 56.5 |
| CHANNEL            | 214-45DGV2PRIB | 239.5    | 18.4        | 25   | 372   | 99    | 183.6     | 21.6        | 0    | 360   | 96    | 250.2          | 25.2        | 1    | 367   | 98    | 224.4   | 21.7        | 9    | 366   | 97    | 54.3 |
| DAIRYLAND          | DS-7513        | 264.1    | 18.7        | 0    | 328   | 97    | 182.3     | 21.7        | 0    | 328   | 98    | 254.5          | 26.6        | 0    | 328   | 97    | 233.6   | 22.4        | 0    | 328   | 97    | 52.8 |
| DAIRYLAND          | DS-9412SSX     | 269.7    | 19.1        | 11   | 339   | 97    | 193.0     | 23.8        | 0    | 348   | 99    | 274.8          | 27.7        | 0    | 338   | 97    | 245.8   | 23.5        | 4    | 342   | 97    | 53.0 |
| DAIRYLAND          | DS-9510SSX     | 241.5    | 19.0        | 6    | 320   | 93    | 163.2     | 22.9        | 0    | 328   | 96    | 259.7          | 24.0        | 17   | 328   | 94    | 221.5   | 21.9        | 8    | 325   | 95    | 54.0 |
| DEKALB             | DKC59-50RIB    | 257.2    | 18.0        | 31   | 346   | 91    | 189.7     | 20.4        | 1    | 354   | 94    | 273.8          | 23.7        | 1    | 359   | 96    | 240.2   | 20.7        | 11   | 353   | 94    | 55.6 |
| DEKALB             | DKC61-54RIB    | 264.9    | 19.3        | 32   | 351   | 88    | 155.2     | 23.7        | 0    | 363   | 96    | 265.3          | 25.4        | 0    | 368   | 98    | 228.5   | 22.8        | 11   | 361   | 94    | 56.1 |
| DEKALB             | DKC62-20RIB    | 257.2    | 18.6        | 15   | 347   | 93    | 183.0     | 19.9        | 0    | 367   | 98    | 276.3          | 26.0        | 3    | 373   | 99    | 238.8   | 21.5        | 6    | 362   | 97    | 54.9 |
| DEKALB             | DKC63-60RIB    | 238.4    | 19.1        | 6    | 338   | 91    | 171.0     | 23.1        | 2    | 367   | 98    | 269.1          | 25.2        | 4    | 363   | 97    | 226.2   | 22.5        | 4    | 356   | 95    | 55.8 |
| DEKALB             | DKC64-34RIB    | 283.7    | 19.7        | 5    | 351   | 95    | 170.6     | 24.4        | 1    | 358   | 94    | 264.2          | 28.4        | 2    | 359   | 95    | 239.5   | 24.2        | 2    | 356   | 94    | 55.0 |
| DEKALB             | DKC64-87RIB    | 254.0    | 19.3        | 9    | 337   | 90    | 191.2     | 22.1        | 1    | 365   | 97    | 274.0          | 25.6        | 1    | 370   | 98    | 239.7   | 22.3        | 4    | 358   | 95    | 55.5 |
| DYNA-GRO           | D50VC30        | 247.9    | 18.1        | 4    | 368   | 97    | 197.0     | 19.3        | 1    | 388   | 99    | 277.8          | 22.2        | 5    | 385   | 97    | 240.9   | 19.9        | 3    | 380   | 98    | 55.2 |
| DYNA-GRO           | D51SS54        | 271.1    | 19.3        | 40   | 355   | 96    | 220.0     | 22.6        | 0    | 386   | 97    | 283.5          | 25.1        | 13   | 388   | 98    | 258.2   | 22.3        | 18   | 376   | 97    | 55.3 |
| EBBERTS            | 6121VT2P       | 276.4    | 19.1        | 9    | 352   | 91    | 204.8     | 21.5        | 0    | 365   | 95    | 252.0          | 25.8        | 0    | 361   | 95    | 244.4   | 22.1        | 3    | 360   | 94    | 53.9 |
| EBBERTS            | 628SSX RIB     | 260.2    | 19.3        | 10   | 332   | 89    | 201.4     | 22.3        | 2    | 346   | 91    | 272.6          | 24.8        | 1    | 341   | 89    | 244.8   | 22.1        | 4    | 339   | 90    | 56.8 |
| EBBERTS            | 6770VT2P RIB   | 261.1    | 18.4        | 37   | 347   | 92    | 186.6     | 20.3        | 2    | 352   | 92    | 258.5          | 23.1        | 0    | 350   | 91    | 235.4   | 20.6        | 13   | 350   | 92    | 55.4 |
| EBBERTS            | 6899VT2P       | 257.5    | 18.1        | 10   | 346   | 92    | 201.9     | 20.1        | 0    | 368   | 97    | 267.9          | 23.4        | 0    | 363   | 95    | 242.4   | 20.6        | 3    | 359   | 95    | 56.9 |
| EBBERTS            | 6933VT2P RIB   | 261.8    | 20.5        | 16   | 350   | 92    | 175.5     | 23.5        | 1    | 354   | 93    | 258.7          | 25.5        | 7    | 364   | 95    | 232.0   | 23.2        | 8    | 356   | 93    | 56.1 |
| EBBERTS            | 9292SSX RIB    | 260.4    | 19.1        | 29   | 364   | 93    | 190.1     | 22.4        | 0    | 373   | 97    | 274.4          | 25.5        | 0    | 370   | 97    | 241.6   | 22.3        | 10   | 369   | 96    | 56.2 |
| FS INVISION        | FS 59VL1 EZR   | 267.8    | 17.9        | 4    | 327   | 94    | 203.9     | 20.9        | 0    | 334   | 95    | 252.0          | 24.5        | 0    | 332   | 94    | 241.2   | 21.1        | 1    | 331   | 94    | 51.4 |
| FS INVISION        | FS 60QV1 RIB   | 261.7    | 19.0        | 9    | 311   | 93    | 197.7     | 20.1        | 1    | 323   | 93    | 248.3          | 23.0        | 1    | 316   | 90    | 235.9   | 20.7        | 4    | 316   | 92    | 55.6 |
| FS INVISION        | FS 60ZX1 RIB   | 245.4    | 19.3        | 27   | 341   | 98    | 179.5     | 21.5        | 0    | 336   | 96    | 263.1          | 25.4        | 1    | 339   | 97    | 229.4   | 22.1        | 9    | 339   | 97    | 55.6 |
| FS INVISION        | FS 61SX1 RIB   | 239.6    | 19.1        | 6    | 294   | 84    | 202.8     | 22.3        | 2    | 330   | 95    | 265.7          | 25.2        | 1    | 343   | 98    | 236.0   | 22.2        | 3    | 323   | 93    | 55.6 |
| FS INVISION        | FS 62R44       | 259.0    | 19.8        | 2    | 333   | 98    | 191.2     | 21.4        | 0    | 346   | 99    | 267.8          | 25.0        | 2    | 343   | 97    | 239.3   | 22.1        | 1    | 341   | 98    | 56.1 |
| FS INVISION        | FS 63ZX1 RIB   | 248.1    | 19.3        | 2    | 345   | 99    | 164.1     | 24.6        | 3    | 330   | 94    | 269.7          | 26.2        | 4    | 342   | 98    | 227.3   | 23.4        | 3    | 339   | 97    | 56.4 |
| GOLDEN HARVEST     | G09A86-3111    | 278.9    | 19.1        | 0    | 347   | 96    | 191.2     | 21.3        | 0    | 345   | 96    | 262.5          | 24.9        | 1    | 350   | 97    | 244.2   | 21.8        | 0    | 347   | 97    | 54.4 |
| GOLDEN HARVEST     | G09Y24-3220A   | 249.7    | 18.5        | 56   | 348   | 96    | 181.1     | 20.2        | 0    | 345   | 97    | 263.3          | 25.7        | 0    | 347   | 96    | 231.4   | 21.4        | 19   | 347   | 96    | 54.4 |
| GOLDEN HARVEST     | G10T63-3120    | 269.3    | 18.5        | 65   | 337   | 98    | 197.4     | 19.6        | 0    | 327   | 92    | 253.7          | 24.9        | 5    | 339   | 95    | 240.1   | 21.0        | 23   | 334   | 95    | 55.8 |
| GOLDEN HARVEST     | G12W66-3000GT  | 263.2    | 19.4        | 2    | 348   | 97    | 192.3     | 22.1        | 0    | 350   | 95    | 260.7          | 26.7        | 3    | 350   | 97    | 238.7   | 22.7        | 2    | 349   | 97    | 55.9 |
| GREAT LAKES        | 5910VT2PRO     | 248.5    | 17.7        | 8    | 346   | 97    | 184.6     | 20.3        | 2    | 341   | 96    | 244.7          | 21.0        | 17   | 348   | 99    | 225.9   | 19.7        | 9    | 345   | 97    | 56.7 |
| GREAT LAKES        | 5935STX        | 229.6    | 18.5        | 34   | 324   | 93    | 183.7     | 20.2        | 0    | 334   | 95    | 264.8          | 24.5        | 4    | 333   | 95    | 226.0   | 21.1        | 13   | 330   | 94    | 55.7 |
| GREAT LAKES        | 6224STX        | 255.9    | 19.6        | 4    | 330   | 90    | 164.0     | 22.5        | 1    | 328   | 94    | 280.4          | 24.1        | 0    | 338   | 96    | 233.4   | 22.1        | 2    | 332   | 94    | 56.4 |
| GREAT LAKES        | 6401STXRIB     | 254.4    | 20.4        | 2    | 327   | 90    | 183.0     | 23.7        | 1    | 342   | 96    | 251.5          | 27.4        | 0    | 345   | 96    | 229.6   | 23.9        | 1    | 338   | 94    | 56.7 |
| GRO-MOR            | 60V86EZ        | 263.4    | 18.2        | 4    | 316   | 91    | 198.9     | 20.9        | 1    | 320   | 91    | 255.4          | 24.8        | 1    | 328   | 93    | 239.2   | 21.3        | 2    | 321   | 92    | 51.4 |
| GRO-MOR            | 62G17          | 243.4    | 18.6        | 23   | 316   | 88    | 165.2     | 21.9        | 0    | 323   | 93    | 252.4          | 24.8        | 6    | 315   | 90    | 220.3   | 21.8        | 10   | 318   | 90    | 55.5 |
| LG SEEDS           | LG5548STXRIB   | 263.8    | 18.9        | 18   | 336   | 92    | 210.5     | 22.6        | 1    | 367   | 97    | 286.6          | 24.6        | 4    | 363   | 97    | 253.6   | 22.0        | 8    | 355   | 95    | 55.2 |
| LG SEEDS           | LG5590VT2Pro   | 268.2    | 18.9        | 3    | 338   | 92    | 209.4     | 20.3        | 1    | 355   | 95    | 242.1          | 25.2        | 0    | 343   | 92    | 239.9   | 21.5        | 1    | 345   | 93    | 54.0 |
| LG SEEDS           | LG5606STX      | 230.5    | 19.0        | 31   | 366   | 99    | 190.7     | 21.9        | 0    | 359   | 96    | 247.6          | 25.9        | 9    | 367   | 98    | 222.9   | 22.3        | 13   | 364   | 98    | 57.3 |
| LG SEEDS           | LG5618STXRIB   | 239.5    | 19.3        | 2    | 341   | 97    | 181.9     | 23.3        | 0    | 367   | 97    | 266.8          | 25.3        | 0    | 360   | 96    | 229.4   | 22.6        | 1    | 356   | 97    | 56.3 |
| LG SEEDS           | LG5624STX      | 264.1    | 19.7        | 6    | 330   | 86    | 184.7     | 22.0        | 0    | 346   | 89    | 270.4          | 26.0        | 0    | 332   | 86    | 239.8   | 22.6        | 2    | 336   | 87    | 54.0 |
| LG SEEDS           | LG5650VT2RIB   | 253.5    | 20.1        | 12   | 345   | 100   | 202.7     | 22.3        | 1    | 358   | 95    | 264.1          | 24.4        | 6    | 356   | 95    | 240.1   | 22.3        | 6    | 353   | 96    | 57.7 |
| NK                 | NK1066-3120    | 264.7    | 19.0        | 33   | 333   | 96    | 189.9     | 19.6        | 0    | 330   | 93    | 243.9          | 25.0        | 4    | 319   | 91    | 232.8   | 21.2        | 12   | 327   | 93    | 55.6 |
| NK                 | NK1284-3000GT  | 264.1    | 19.5        | 1    | 354   | 98    | 185.2     | 21.3        | 0    | 346   | 96    | 259.0          | 27.8        | 0    | 346   | 96    | 236.1   | 22.9        | 0    | 348   | 97    | 55.4 |
| NK                 | NK1452-3120    | 242.3    | 19.1        | 27   | 348   | 96    | 191.9     | 23.5        | 0    | 346   | 96    | 267.6          | 26.6        | 3    | 348   | 96    | 234.0   | 23.1        | 10   | 348   | 96    | 53.2 |
| NUTECH/G2 GENETICS | 5F-510™        | 275.0    | 19.7        | 29   | 339   | 96    | 183.3     | 22.7        | 0    | 337   | 95    | 261.4          | 24.1        | 2    | 342   | 97    | 239.9   | 22.1        | 10   | 339   | 96    | 57.5 |
| NUTECH/G2 GENETICS | 5F-709™        | 229.3    | 18.5        | 40   | 288   | 87    | 179.9     | 21.1        | 0    | 329   | 94    | 261.8          | 23.6        | 0    | 329   | 94    | 223.7   | 21.1        | 13   | 315   | 92    | 56.1 |
| NUTECH/G2 GENETICS | 5F-713™        | 291.9    | 19.3        | 4    | 328   | 94    | 170.4     | 22.2        | 1    | 339   | 96    | 259.8          | 27.4        | 0    | 341   | 97    | 240.7   | 23.0        | 2    | 336   | 95    | 55.1 |
| NUTECH/G2 GENETICS | 5FB-1010™      | 243.3    | 18.6        | 9    | 302   | 87    | 194.1     | 20.8        | 0    | 330   | 93    | 269.6          | 24.0        | 0    | 330   | 94    | 235.7   | 21.1        | 3    | 321   | 91    | 56.8 |
| NUTECH/G2 GENETICS | X5FN0909       | 283.6    | 18.5        | 0    | 337   | 96    | 197.9     | 19.5        | 0    | 337   | 97    | 269.0          | 22.6        | 2    | 342   | 98    | 250.1   | 20.2        | 1    | 339   | 97    | 54.6 |
| NUTECH/G2 GENETICS | X5FN1305       | 269.0    | 19.1        | 45   | 346   | 96    | 148.7     | 23.4        | 0    | 338   | 96    | 260.4          | 24.8        | 0    | 342   | 97    | 226.1   | 22.4        | 15   | 342   | 96    | 53.4 |
| NUTECH/G2 GENETICS | X5FN1306       | 286.7    | 19.5        | 15   | 324   | 96    | 198.9     | 22.0        | 0    | 336   | 95    | 290.3          | 26.3        | 0    | 334   | 95    | 258.7   | 22.6        | 5    | 331   | 95    | 53.7 |
| NUTECH/G2 GENETICS | X5NN12         |          |             |      |       |       |           |             |      |       |       |                |             |      |       |       |         |             |      |       |       |      |

TABLE 5. Two year hybrid performance in NORTHWESTERN Ohio, 2016-2017.

| Brand              | Hybrid        | Van Wert |        |      |       |      | Hoytville |        |      |       |      | Upper Sandusky |        |      |       |      | Summary |        |      |       |      |      |
|--------------------|---------------|----------|--------|------|-------|------|-----------|--------|------|-------|------|----------------|--------|------|-------|------|---------|--------|------|-------|------|------|
|                    |               | Yield    | Harv.  | Stk. | Final | Emg. | Yield     | Harv.  | Stk. | Final | Emg. | Yield          | Harv.  | Stk. | Final | Emg. | Yield   | Harv.  | Stk. | Final | Emg. | TW   |
|                    |               | Bu/A     | -----% | Ldg. | 100/A |      | Bu/A      | -----% | Ldg. | 100/A |      | Bu/A           | -----% | Ldg. | 100/A |      | Bu/A    | -----% | Ldg. | 100/A |      |      |
| BECK'S             | 5140HR™*Brand | 227.1    | 17.8   | 3    | 330   | 93   | 202.1     | 20.0   | 0    | 336   | 97   | 255.0          | 20.9   | 2    | 336   | 97   | 228.0   | 19.6   | 1    | 334   | 95   | 58.3 |
| CHANNEL            | 205-19STXRIB  | 227.1    | 15.7   | 0    | 341   | 93   | 195.7     | 18.4   | 0    | 341   | 92   | 241.4          | 19.8   | 0    | 347   | 94   | 221.4   | 18.0   | 0    | 343   | 93   | 57.3 |
| CHANNEL            | 207-27STXRIB  | 216.5    | 19.1   | 1    | 351   | 96   | 204.1     | 20.9   | 1    | 356   | 97   | 255.1          | 22.2   | 0    | 358   | 97   | 225.2   | 20.8   | 1    | 355   | 97   | 56.6 |
| CHANNEL            | 210-26STXRIB  | 231.6    | 19.4   | 7    | 353   | 96   | 188.2     | 21.7   | 1    | 361   | 97   | 251.5          | 23.9   | 2    | 361   | 96   | 223.8   | 21.6   | 3    | 358   | 97   | 54.4 |
| CHANNEL            | 213-19STXRIB  | 223.6    | 20.3   | 2    | 346   | 92   | 189.6     | 22.7   | 1    | 354   | 96   | 241.0          | 25.5   | 1    | 358   | 97   | 218.1   | 22.9   | 1    | 353   | 95   | 55.8 |
| DAIRYLAND          | DS-9412SSX    | 233.8    | 18.4   | 5    | 337   | 98   | 189.0     | 23.3   | 0    | 339   | 98   | 252.2          | 24.3   | 0    | 339   | 98   | 225.0   | 22.0   | 2    | 338   | 98   | 53.7 |
| DAIRYLAND          | DS-9508RA     | 227.6    | 18.0   | 2    | 325   | 95   | 188.8     | 19.8   | 0    | 329   | 96   | 240.4          | 21.9   | 0    | 336   | 98   | 219.0   | 19.9   | 1    | 330   | 96   | 55.0 |
| DEKALB             | DKC53-56RIB   | 196.0    | 17.3   | 1    | 341   | 91   | 190.3     | 18.3   | 0    | 352   | 95   | 244.7          | 20.0   | 1    | 361   | 96   | 210.3   | 18.6   | 1    | 351   | 94   | 58.3 |
| DEKALB             | DKC54-38RIB   | 213.4    | 17.1   | 1    | 356   | 96   | 197.1     | 19.5   | 1    | 355   | 96   | 231.3          | 21.1   | 0    | 351   | 95   | 213.9   | 19.2   | 1    | 354   | 96   | 58.5 |
| DEKALB             | DKC55-20RIB   | 215.6    | 15.5   | 1    | 352   | 96   | 181.2     | 17.9   | 1    | 354   | 96   | 227.0          | 19.7   | 0    | 361   | 98   | 207.9   | 17.7   | 1    | 356   | 97   | 56.9 |
| DEKALB             | DKC58-06RIB   | 212.4    | 19.3   | 9    | 343   | 92   | 190.1     | 20.6   | 1    | 361   | 97   | 244.7          | 22.3   | 2    | 364   | 97   | 215.8   | 20.7   | 4    | 356   | 95   | 58.2 |
| DEKALB             | DKC61-54RIB   | 220.6    | 19.8   | 16   | 348   | 90   | 158.3     | 22.9   | 0    | 356   | 96   | 240.3          | 23.8   | 0    | 365   | 99   | 206.4   | 22.2   | 5    | 356   | 95   | 56.7 |
| DEKALB             | DKC63-60RIB   | 203.3    | 19.9   | 3    | 346   | 95   | 174.2     | 22.9   | 2    | 359   | 98   | 243.2          | 24.5   | 2    | 362   | 97   | 206.9   | 22.5   | 2    | 356   | 97   | 56.0 |
| DEKALB             | DKC64-87RIB   | 223.9    | 19.5   | 5    | 347   | 93   | 189.1     | 22.2   | 1    | 359   | 97   | 256.3          | 23.9   | 1    | 366   | 98   | 223.1   | 21.9   | 2    | 357   | 96   | 55.9 |
| DYNA-GRO           | D51SS54       | 239.5    | 19.3   | 21   | 353   | 96   | 198.9     | 21.8   | 1    | 378   | 96   | 257.9          | 23.3   | 7    | 381   | 98   | 232.1   | 21.5   | 9    | 371   | 97   | 55.7 |
| EBBERTS            | 6466VT2P RIB  | 213.6    | 16.4   | 2    | 331   | 89   | 189.9     | 17.6   | 2    | 354   | 94   | 238.5          | 20.0   | 0    | 359   | 95   | 214.0   | 18.0   | 1    | 348   | 93   | 58.3 |
| EBBERTS            | 6770VT2P RIB  | 232.2    | 18.1   | 19   | 336   | 92   | 182.0     | 20.0   | 1    | 351   | 94   | 235.4          | 21.0   | 0    | 349   | 93   | 216.5   | 19.7   | 7    | 345   | 93   | 55.5 |
| EBBERTS            | 9137SSX RIB   | 223.5    | 17.0   | 11   | 337   | 92   | 200.9     | 19.0   | 2    | 349   | 94   | 241.1          | 21.3   | 0    | 356   | 96   | 221.9   | 19.1   | 4    | 347   | 94   | 57.7 |
| EBBERTS            | 9292SSX RIB   | 237.6    | 19.1   | 15   | 357   | 95   | 191.7     | 22.2   | 2    | 363   | 97   | 255.8          | 23.7   | 0    | 365   | 98   | 228.3   | 21.7   | 6    | 362   | 96   | 56.2 |
| GOLDEN HARVEST     | G07F23-3111   | 211.3    | 16.6   | 5    | 350   | 97   | 189.8     | 18.4   | 4    | 358   | 99   | 239.6          | 21.9   | 0    | 356   | 99   | 213.6   | 19.0   | 3    | 355   | 98   | 55.5 |
| GOLDEN HARVEST     | G12W66-3000GT | 220.9    | 19.7   | 1    | 356   | 98   | 186.2     | 21.2   | 0    | 351   | 97   | 250.9          | 25.0   | 1    | 354   | 97   | 219.3   | 22.0   | 1    | 354   | 97   | 56.5 |
| GREAT LAKES        | 5824STXRIB    | 211.3    | 18.2   | 14   | 327   | 95   | 195.9     | 20.1   | 2    | 334   | 97   | 237.6          | 22.2   | 0    | 343   | 98   | 215.0   | 20.2   | 5    | 335   | 97   | 58.8 |
| GRO-MOR            | 58V76         | 201.9    | 16.2   | 3    | 298   | 92   | 191.4     | 18.1   | 0    | 312   | 92   | 222.9          | 20.6   | 0    | 303   | 91   | 205.4   | 18.3   | 1    | 304   | 92   | 56.5 |
| GRO-MOR            | 60V86EZ       | 219.8    | 18.2   | 4    | 309   | 89   | 184.4     | 20.5   | 2    | 316   | 92   | 230.7          | 22.1   | 0    | 319   | 93   | 211.6   | 20.3   | 2    | 315   | 91   | 53.6 |
| LG SEEDS           | LG5520STXRIB  | 205.8    | 16.5   | 3    | 323   | 92   | 180.2     | 19.1   | 1    | 332   | 94   | 223.6          | 20.6   | 1    | 343   | 97   | 203.2   | 18.7   | 1    | 333   | 94   | 57.7 |
| LG SEEDS           | LG5548STXRIB  | 230.6    | 19.3   | 9    | 331   | 95   | 191.2     | 22.2   | 1    | 350   | 98   | 256.3          | 23.2   | 2    | 346   | 98   | 226.0   | 21.6   | 4    | 342   | 97   | 55.6 |
| LG SEEDS           | LG5565STXRIB  | 193.3    | 19.0   | 29   | 337   | 95   | 195.0     | 20.6   | 2    | 344   | 96   | 244.0          | 21.9   | 1    | 353   | 98   | 210.8   | 20.5   | 10   | 344   | 96   | 58.2 |
| LG SEEDS           | LG5618STXRIB  | 218.5    | 19.5   | 1    | 336   | 98   | 174.0     | 23.7   | 1    | 339   | 96   | 252.9          | 24.0   | 0    | 343   | 96   | 215.1   | 22.4   | 1    | 339   | 97   | 56.8 |
| NK                 | NK0760-3111   | 209.2    | 17.0   | 7    | 345   | 96   | 192.0     | 18.5   | 3    | 352   | 98   | 246.9          | 20.9   | 1    | 354   | 98   | 216.0   | 18.8   | 4    | 350   | 98   | 55.8 |
| NK                 | NK1284-3000GT | 226.1    | 19.1   | 0    | 353   | 97   | 184.7     | 21.0   | 2    | 341   | 94   | 255.2          | 25.0   | 0    | 356   | 98   | 222.0   | 21.7   | 1    | 350   | 96   | 56.5 |
| NUTECH/G2 GENETICS | 5F-308™       | 239.9    | 18.6   | 10   | 324   | 96   | 192.3     | 20.1   | 0    | 324   | 96   | 248.7          | 21.9   | 0    | 323   | 95   | 227.0   | 20.2   | 4    | 324   | 96   | 58.4 |
| NUTECH/G2 GENETICS | 5F-504™       | 225.9    | 16.1   | 10   | 333   | 96   | 185.5     | 18.9   | 0    | 336   | 97   | 251.1          | 20.7   | 3    | 339   | 98   | 220.9   | 18.5   | 4    | 336   | 97   | 57.0 |
| NUTECH/G2 GENETICS | 5F-510™       | 217.5    | 19.3   | 14   | 328   | 97   | 171.9     | 21.9   | 0    | 328   | 97   | 239.6          | 22.6   | 1    | 331   | 98   | 209.7   | 21.3   | 5    | 329   | 97   | 58.5 |
| NUTECH/G2 GENETICS | 5F-709™       | 221.7    | 16.4   | 20   | 310   | 92   | 173.8     | 20.4   | 0    | 318   | 93   | 252.6          | 21.4   | 0    | 328   | 95   | 216.0   | 19.4   | 7    | 319   | 93   | 56.6 |
| NUTECH/G2 GENETICS | 5F-713™       | 239.2    | 19.2   | 3    | 311   | 97   | 176.6     | 21.3   | 2    | 315   | 96   | 246.8          | 24.0   | 0    | 320   | 97   | 220.9   | 21.5   | 1    | 315   | 97   | 55.7 |
| NUTECH/G2 GENETICS | 5H-806™       | 221.0    | 18.1   | 1    | 313   | 92   | 196.2     | 20.1   | 1    | 321   | 93   | 250.7          | 21.4   | 0    | 327   | 95   | 222.6   | 19.9   | 1    | 320   | 93   | 57.9 |
| RUPP               | XR D02-93     | 195.0    | 16.8   | 1    | 308   | 90   | 176.5     | 18.7   | 0    | 315   | 92   | 228.4          | 20.3   | 3    | 323   | 93   | 200.0   | 18.6   | 1    | 316   | 91   | 59.0 |
| RUPP               | XR D06-70     | 202.0    | 16.4   | 0    | 309   | 87   | 189.7     | 18.1   | 0    | 327   | 94   | 237.9          | 19.3   | 0    | 327   | 94   | 209.8   | 17.9   | 0    | 321   | 92   | 58.2 |
| RUPP               | XR D10-01     | 234.0    | 17.9   | 3    | 330   | 95   | 181.6     | 19.9   | 0    | 336   | 97   | 244.8          | 22.1   | 0    | 339   | 97   | 220.1   | 20.0   | 1    | 335   | 96   | 56.8 |
| RUPP               | XR D11-57     | 219.4    | 17.1   | 20   | 317   | 93   | 179.7     | 20.3   | 2    | 328   | 95   | 248.1          | 21.8   | 1    | 332   | 97   | 215.7   | 19.7   | 7    | 326   | 95   | 55.2 |
| SEED CONSULTANTS   | SCS 1037YHR™  | 221.5    | 16.0   | 2    | 325   | 97   | 191.4     | 18.9   | 1    | 329   | 97   | 250.9          | 19.6   | 0    | 335   | 97   | 221.2   | 18.1   | 1    | 330   | 97   | 59.0 |
| SEED CONSULTANTS   | SCS 1067YHR™  | 212.1    | 16.9   | 1    | 327   | 96   | 178.7     | 19.1   | 0    | 330   | 96   | 237.1          | 20.8   | 2    | 332   | 96   | 209.3   | 19.0   | 1    | 330   | 96   | 57.6 |
| SEED CONSULTANTS   | SCS 1086YHR™  | 222.0    | 18.2   | 4    | 314   | 95   | 176.9     | 19.8   | 0    | 314   | 96   | 250.7          | 20.9   | 0    | 317   | 96   | 216.5   | 19.7   | 1    | 315   | 96   | 56.4 |
| SEED CONSULTANTS   | SCS 10HR43™   | 221.5    | 18.5   | 9    | 316   | 88   | 199.8     | 20.2   | 0    | 324   | 95   | 263.1          | 21.2   | 0    | 336   | 98   | 228.1   | 19.9   | 3    | 325   | 93   | 58.0 |
| SHUR GROW          | SG 636VT2PRIB | 188.5    | 17.5   | 3    | 299   | 84   | 180.7     | 18.7   | 3    | 315   | 90   | 215.3          | 20.9   | 0    | 318   | 91   | 194.8   | 19.0   | 2    | 311   | 89   | 59.0 |
| SHUR GROW          | SG 716VT2PRIB | 207.9    | 17.9   | 10   | 332   | 89   | 169.5     | 19.5   | 1    | 347   | 94   | 235.9          | 21.9   | 2    | 363   | 98   | 204.4   | 19.8   | 4    | 348   | 94   | 57.5 |
| STEWART SEEDS      | 08SS527       | 200.0    | 17.7   | 4    | 339   | 92   | 177.7     | 19.9   | 1    | 349   | 95   | 251.8          | 22.1   | 0    | 363   | 97   | 209.8   | 19.9   | 2    | 350   | 95   | 56.9 |
| STEWART SEEDS      | 10SS457       | 226.5    | 19.4   | 1    | 350   | 95   | 186.4     | 21.2   | 0    | 356   | 95   | 239.8          | 23.4   | 1    | 357   | 96   | 217.6   | 21.4   | 1    | 354   | 95   | 56.9 |
| STEWART SEEDS      | 7A259RIB      | 207.0    | 18.3   | 11   | 374   | 91   | 182.4     | 20.9   | 0    | 388   | 94   | 243.4          | 21.9   | 1    | 390   | 96   | 211.0   | 20.3   | 4    | 384   | 94   | 56.5 |
| STEWART SEEDS      | 7A837RIB      | 215.6    | 19.4   | 2    | 352   | 96   | 173.0     | 22.4   | 0    | 352   | 95   | 246.9          | 23.1   | 0    | 359   | 97   | 211.8   | 21.6   | 1    | 354   | 96   | 55.5 |
| STEWART SEEDS      | 8A305RIB      | 220.0    | 18.8   | 8    | 357   | 95   | 186.0     | 21.0   | 1    | 366   | 96   | 242.3          | 24.1   | 1    | 376   | 98   | 216.1   | 21.3   | 3    | 366   | 96   | 55.7 |
| WELLMAN SEEDS      | W 2609DP      | 219.2    | 17.2   | 18   | 302   | 89   | 186.4     | 19.9   | 1    | 317   | 92   | 231.3          | 21.8   | 2    | 326   | 94   | 212.3   | 19.6   | 7    | 315   | 92   | 55.2 |
| WELLMAN SEEDS      | W 2705DP      | 224.4    | 15.9   | 1    | 325   | 94   | 181.5     | 18.2   | 4    | 328   | 95   | 246.5          | 19.8   | 1    | 327   | 93   | 217.4   | 18.0   | 2    | 327   | 94   | 59.0 |
| WELLMAN SEEDS      | W 2708        | 206.9    | 17.2   | 4    | 323   | 93   | 207.3     | 19.3   | 1    | 333   | 96   | 245.4          | 20.4   | 1    | 326   | 95   | 219.9   | 19.0   | 2    | 327   | 95   | 57.4 |
| High               |               | 239.9    | 20.3   | 29   | 374   | 98   | 207.3     | 23.7   | 4    | 388   | 99   | 263.1          | 25.5   | 7    | 390   | 99   | 232.1   | 22.9   | 10   | 384   | 98   | 59.0 |
| Average            |               | 218.1    | 18.0   | 7    | 334   | 94   | 186.4     | 20.3   | 1    | 341   | 95   | 243.7          | 22.0   | 1    | 346   | 96   | 216.1   | 20.1   | 3    | 340   | 95   | 56.9 |
| Low                |               | 188.5    | 15.5   | 0    | 298   | 84   | 158.3     | 17.6   | 0    | 312   | 90   | 215.3          | 19.3   | 0    | 303   | 91   | 194.8   | 17.7   | 0    | 304   | 89   | 53.6 |

TABLE 6. Three year hybrid performance in NORTHWESTERN Ohio, 2015-2017.

| Brand              | Hybrid        | Van Wert |        |      |       |       | Hoytville |        |      |       |       | Summary |        |      |       |       |      |
|--------------------|---------------|----------|--------|------|-------|-------|-----------|--------|------|-------|-------|---------|--------|------|-------|-------|------|
|                    |               | Yield    | Harv.  | Stk. | Final | Emg.  | Yield     | Harv.  | Stk. | Final | Emg.  | Yield   | Harv.  | Stk. | Final | Emg.  | TW   |
|                    |               | Bu/A     | Mst.   | Ldg. | Std.  |       | Bu/A      | Mst.   | Ldg. | Std.  |       | Bu/A    | Mst.   | Ldg. | Std.  |       |      |
|                    |               | Bu/A     | -----% |      | 100/A | --%-- | Bu/A      | -----% |      | 100/A | --%-- | Bu/A    | -----% |      | 100/A | --%-- | Lbs. |
| BECK'S             | 5140HR™*Brand | 227.6    | 17.9   | 2    | 333   | 95    | 191.6     | 19.4   | 0    | 327   | 94    | 209.6   | 18.6   | 1    | 330   | 95    | 58.5 |
| CHANNEL            | 207-27STXRIB  | 223.7    | 18.9   | 0    | 356   | 97    | 192.4     | 19.8   | 0    | 353   | 96    | 208.0   | 19.3   | 0    | 355   | 97    | 57.1 |
| DAIRYLAND          | DS-9412SSX    | 230.4    | 20.3   | 4    | 333   | 99    | 194.5     | 22.5   | 1    | 327   | 96    | 212.5   | 21.4   | 2    | 330   | 98    | 53.4 |
| DEKALB             | DKC53-56RIB   | 207.0    | 16.4   | 1    | 350   | 94    | 193.0     | 17.3   | 1    | 349   | 95    | 200.0   | 16.8   | 1    | 350   | 94    | 58.9 |
| DEKALB             | DKC54-38RIB   | 216.5    | 17.1   | 1    | 355   | 97    | 193.9     | 18.0   | 0    | 352   | 96    | 205.2   | 17.5   | 1    | 353   | 96    | 58.9 |
| DEKALB             | DKC55-20RIB   | 209.4    | 15.0   | 1    | 355   | 97    | 174.2     | 16.9   | 0    | 348   | 94    | 191.8   | 16.0   | 1    | 352   | 95    | 57.4 |
| DEKALB             | DKC58-06RIB   | 223.7    | 19.5   | 6    | 347   | 94    | 182.9     | 19.6   | 1    | 342   | 92    | 203.3   | 19.5   | 4    | 344   | 93    | 58.6 |
| DEKALB             | DKC61-54RIB   | 218.7    | 20.5   | 11   | 352   | 93    | 159.6     | 21.3   | 1    | 354   | 95    | 189.1   | 20.9   | 6    | 353   | 94    | 57.2 |
| DEKALB             | DKC63-60RIB   | 213.6    | 20.4   | 2    | 348   | 96    | 169.9     | 21.9   | 2    | 356   | 97    | 191.7   | 21.1   | 2    | 352   | 97    | 56.6 |
| DEKALB             | DKC64-87RIB   | 234.0    | 19.8   | 3    | 353   | 95    | 185.4     | 21.4   | 1    | 352   | 96    | 209.7   | 20.6   | 2    | 352   | 95    | 56.1 |
| DYNA-GRO           | D51SS54       | 239.3    | 19.4   | 14   | 361   | 97    | 196.2     | 20.4   | 0    | 369   | 95    | 217.7   | 19.9   | 7    | 365   | 96    | 56.5 |
| GRO-MOR            | 58V76         | 214.5    | 16.5   | 2    | 311   | 94    | 189.8     | 17.8   | 0    | 314   | 93    | 202.2   | 17.1   | 1    | 313   | 93    | 56.8 |
| LG SEEDS           | LG5548STXRIB  | 227.0    | 19.9   | 6    | 330   | 96    | 193.9     | 20.6   | 1    | 343   | 98    | 210.5   | 20.3   | 3    | 337   | 97    | 56.3 |
| LG SEEDS           | LG5618STXRIB  | 212.9    | 19.9   | 1    | 335   | 98    | 171.9     | 22.5   | 1    | 331   | 95    | 192.4   | 21.2   | 1    | 333   | 97    | 57.2 |
| NK                 | NK0760-3111   | 219.4    | 17.4   | 5    | 349   | 97    | 183.6     | 18.1   | 2    | 349   | 97    | 201.5   | 17.8   | 4    | 349   | 97    | 56.1 |
| NUTECH/G2 GENETICS | 5F-510™       | 214.8    | 19.4   | 10   | 332   | 98    | 184.0     | 20.3   | 0    | 322   | 95    | 199.4   | 19.9   | 5    | 327   | 96    | 58.9 |
| NUTECH/G2 GENETICS | 5F-709™       | 215.3    | 17.0   | 13   | 319   | 94    | 184.8     | 19.5   | 0    | 315   | 92    | 200.1   | 18.3   | 7    | 317   | 93    | 57.2 |
| NUTECH/G2 GENETICS | 5H-806™       | 228.6    | 18.1   | 1    | 321   | 94    | 190.0     | 19.4   | 0    | 318   | 93    | 209.3   | 18.7   | 1    | 320   | 93    | 58.3 |
| SHUR GROW          | SG 716VT2PRIB | 208.8    | 18.4   | 7    | 350   | 93    | 169.6     | 18.8   | 1    | 350   | 94    | 189.2   | 18.6   | 4    | 350   | 93    | 57.9 |
| STEWART SEEDS      | 7A259RIB      | 213.5    | 17.6   | 7    | 382   | 94    | 182.2     | 19.0   | 0    | 387   | 95    | 197.9   | 18.3   | 4    | 385   | 94    | 57.4 |
| STEWART SEEDS      | 7A837RIB      | 229.2    | 20.1   | 1    | 356   | 97    | 171.3     | 21.7   | 0    | 351   | 95    | 200.3   | 20.9   | 1    | 353   | 96    | 55.7 |
| STEWART SEEDS      | 8A305RIB      | 219.9    | 18.6   | 5    | 366   | 96    | 183.7     | 19.5   | 1    | 362   | 94    | 201.8   | 19.1   | 3    | 364   | 95    | 56.6 |
| High               |               | 239.3    | 20.5   | 14   | 382   | 99    | 196.2     | 22.5   | 2    | 387   | 98    | 217.7   | 21.4   | 7    | 385   | 98    | 58.9 |
| Average            |               | 220.4    | 18.6   | 5    | 345   | 96    | 183.6     | 19.8   | 1    | 344   | 95    | 202.0   | 19.2   | 3    | 345   | 95    | 57.2 |
| Low                |               | 207.0    | 15.0   | 0    | 311   | 93    | 159.6     | 16.9   | 0    | 314   | 92    | 189.1   | 16.0   | 0    | 313   | 93    | 53.4 |

Table 7E. Performance of hybrids in the early maturity trial. NORTH CENTRAL and NORTHEASTERN Ohio, 2017.

| Brand              | Hybrid         | Bucyrus |        |        |        |      | Wooster |        |        |        |      | Beloit |        |        |        |      | Summary |        |        |        |      |      |
|--------------------|----------------|---------|--------|--------|--------|------|---------|--------|--------|--------|------|--------|--------|--------|--------|------|---------|--------|--------|--------|------|------|
|                    |                | Yield   | Harv.  | Stk.   | Final  | Emg. | Yield   | Harv.  | Stk.   | Final  | Emg. | Yield  | Harv.  | Stk.   | Final  | Emg. | Yield   | Harv.  | Stk.   | Final  | Emg. | TW   |
|                    |                |         | Mst.   | Ldg.   | Std.   |      |         | Mst.   | Ldg.   | Std.   |      |        | Mst.   | Ldg.   | Std.   |      |         | Mst.   | Ldg.   | Std.   |      |      |
|                    |                |         | -----% | -----% | -----% |      |         | -----% | -----% | -----% |      |        | -----% | -----% | -----% |      |         | -----% | -----% | -----% |      |      |
| Bu/A               |                |         | 100/A  | --%--  | Bu/A   |      |         | 100/A  | --%--  | Bu/A   |      |        | 100/A  | --%--  | Bu/A   |      |         | 100/A  | --%--  | Lbs.   |      |      |
| AGRA SOLUTIONS     | KEY 806        | 220.2   | 21.2   | 4      | 328    | 92   | 214.6   | 19.1   | 3      | 342    | 96   | 241.4  | 22.4   | 2      | 328    | 96   | 225.4   | 20.9   | 3      | 333    | 95   | 56.7 |
| AGRIGOLD HYBRIDS   | A6267VT2RIB    | 232.8   | 20.3   | 0      | 338    | 97   | 226.3   | 17.6   | 0      | 339    | 97   | 242.3  | 19.2   | 0      | 338    | 96   | 233.8   | 19.0   | 0      | 338    | 97   | 56.9 |
| AGRIGOLD HYBRIDS   | A6346VT2RIB    | 212.7   | 21.3   | 0      | 334    | 95   | 223.8   | 17.8   | 1      | 330    | 95   | 232.9  | 21.0   | 2      | 336    | 97   | 223.1   | 20.0   | 1      | 333    | 96   | 55.6 |
| AGRIGOLD HYBRIDS   | A6351VT2RIB    | 222.7   | 22.6   | 0      | 333    | 94   | 224.4   | 19.0   | 0      | 345    | 97   | 246.4  | 23.7   | 0      | 320    | 92   | 231.2   | 21.8   | 0      | 333    | 94   | 57.7 |
| AGRIGOLD HYBRIDS   | A635-54VT2Pro  | 219.3   | 22.3   | 1      | 323    | 92   | 238.9   | 17.8   | 0      | 336    | 97   | 254.2  | 21.9   | 0      | 336    | 97   | 237.5   | 20.7   | 0      | 331    | 96   | 56.3 |
| AGRIGOLD HYBRIDS   | A6355VT2RIB    | 214.6   | 22.1   | 1      | 332    | 95   | 221.6   | 17.4   | 0      | 319    | 92   | 222.4  | 21.5   | 0      | 330    | 97   | 219.5   | 20.3   | 0      | 327    | 95   | 55.5 |
| BA Genetics        | BA18-03        | 236.0   | 21.5   | 0      | 321    | 93   | 251.6   | 17.6   | 0      | 325    | 95   | 250.1  | 19.6   | 1      | 330    | 97   | 245.9   | 19.6   | 0      | 326    | 95   | 55.5 |
| BA Genetics        | BA18-08        | 239.9   | 22.9   | 0      | 334    | 95   | 219.8   | 19.7   | 0      | 336    | 96   | 231.2  | 22.8   | 0      | 351    | 100  | 230.3   | 21.8   | 0      | 340    | 97   | 53.3 |
| BA Genetics        | BA8341         | 225.4   | 21.2   | 2      | 336    | 93   | 223.3   | 17.6   | 3      | 346    | 97   | 221.8  | 18.7   | 19     | 346    | 97   | 223.5   | 19.2   | 8      | 342    | 96   | 57.4 |
| BECK'S             | 5140HR™*Brand  | 259.1   | 23.1   | 0      | 347    | 99   | 240.2   | 20.3   | 0      | 342    | 99   | 244.8  | 21.9   | 1      | 343    | 99   | 248.0   | 21.8   | 0      | 344    | 99   | 55.4 |
| CHANNEL            | 205-17VT2PRIB  | 217.2   | 21.4   | 0      | 358    | 96   | 216.3   | 18.0   | 0      | 352    | 95   | 238.6  | 19.5   | 0      | 359    | 97   | 224.0   | 19.6   | 0      | 356    | 96   | 55.0 |
| CHANNEL            | 207-27STXRIB   | 258.5   | 23.8   | 0      | 364    | 96   | 239.0   | 19.4   | 0      | 363    | 97   | 252.0  | 25.4   | 0      | 372    | 98   | 249.8   | 22.9   | 0      | 366    | 97   | 54.1 |
| DEKALB             | DKC53-56RIB    | 221.8   | 21.6   | 0      | 347    | 93   | 230.3   | 17.2   | 1      | 352    | 95   | 201.7  | 20.4   | 0      | 346    | 94   | 218.0   | 19.8   | 0      | 348    | 94   | 56.7 |
| DEKALB             | DKC54-38RIB    | 225.9   | 22.2   | 0      | 343    | 91   | 230.3   | 18.3   | 0      | 351    | 94   | 246.0  | 21.5   | 0      | 333    | 89   | 234.1   | 20.7   | 0      | 342    | 92   | 56.7 |
| DEKALB             | DKC55-20RIB    | 228.8   | 21.9   | 0      | 334    | 90   | 243.8   | 17.7   | 0      | 361    | 97   | 263.3  | 21.8   | 0      | 367    | 97   | 245.3   | 20.5   | 0      | 354    | 94   | 54.9 |
| DEKALB             | DKC57-97RIB    | 249.9   | 23.2   | 0      | 347    | 94   | 237.9   | 19.4   | 0      | 361    | 97   | 250.1  | 22.4   | 5      | 354    | 96   | 246.0   | 21.7   | 2      | 354    | 96   | 54.9 |
| DEKALB             | DKC58-06RIB    | 241.0   | 22.9   | 1      | 376    | 98   | 247.2   | 19.1   | 0      | 368    | 99   | 241.1  | 22.3   | 13     | 374    | 97   | 243.1   | 21.4   | 5      | 373    | 98   | 57.2 |
| DOEBLER'S          | RPM® 4115AMXT™ | 208.6   | 21.5   | 0      | 332    | 93   | 217.1   | 18.3   | 1      | 339    | 97   | 218.6  | 18.7   | 4      | 343    | 98   | 214.7   | 19.5   | 1      | 338    | 96   | 57.4 |
| DOEBLER'S          | RPM® 4318AM™   | 225.3   | 22.6   | 0      | 301    | 85   | 245.4   | 18.2   | 0      | 314    | 90   | 243.2  | 20.4   | 1      | 292    | 84   | 238.0   | 20.4   | 0      | 302    | 87   | 55.1 |
| DOEBLER'S          | RPM® 4417AMXT™ | 229.2   | 22.7   | 0      | 333    | 94   | 227.0   | 18.7   | 0      | 341    | 97   | 262.3  | 20.6   | 0      | 343    | 98   | 239.5   | 20.7   | 0      | 339    | 96   | 55.9 |
| DYNA-GRO           | D48SS38        | 223.7   | 23.5   | 0      | 372    | 92   | 216.7   | 19.9   | 0      | 370    | 95   | 221.8  | 22.8   | 3      | 346    | 98   | 220.7   | 22.0   | 1      | 362    | 95   | 56.1 |
| FS INVISION        | FS 52RL0 EZR   | 223.6   | 20.6   | 1      | 352    | 98   | 213.0   | 18.0   | 0      | 354    | 97   | 198.7  | 19.4   | 4      | 343    | 98   | 211.8   | 19.3   | 2      | 350    | 98   | 55.7 |
| FS INVISION        | FS 54ZX1 RIB   | 218.9   | 22.1   | 0      | 334    | 95   | 221.1   | 17.5   | 0      | 339    | 98   | 241.4  | 20.9   | 0      | 343    | 98   | 227.1   | 20.1   | 0      | 339    | 97   | 57.4 |
| FS INVISION        | FS 55TX1 RIB   | 228.5   | 22.0   | 0      | 337    | 95   | 228.7   | 18.3   | 0      | 342    | 98   | 235.7  | 23.2   | 1      | 328    | 94   | 231.0   | 21.2   | 0      | 336    | 96   | 55.4 |
| FS INVISION        | FS 57TX1 RIB   | 224.2   | 23.3   | 0      | 342    | 96   | 228.8   | 18.5   | 0      | 341    | 97   | 243.4  | 21.6   | 0      | 346    | 98   | 232.1   | 21.2   | 0      | 343    | 97   | 56.7 |
| GOLDEN HARVEST     | G03C84-3120    | 223.6   | 20.8   | 0      | 356    | 98   | 212.8   | 17.5   | 1      | 351    | 99   | 247.8  | 18.5   | 2      | 341    | 97   | 228.1   | 18.9   | 1      | 349    | 98   | 55.5 |
| GOLDEN HARVEST     | G05B91-3010    | 229.9   | 21.4   | 0      | 311    | 87   | 205.7   | 17.4   | 0      | 318    | 90   | 197.7  | 20.5   | 4      | 318    | 91   | 211.1   | 19.8   | 1      | 315    | 89   | 55.5 |
| GOLDEN HARVEST     | G07F23-3111    | 215.0   | 20.7   | 0      | 343    | 96   | 241.6   | 19.2   | 0      | 341    | 97   | 236.7  | 21.5   | 7      | 356    | 99   | 231.1   | 20.4   | 2      | 347    | 97   | 54.7 |
| GREAT LAKES        | 5556VT2PRIB    | 206.8   | 21.2   | 0      | 319    | 91   | 221.0   | 17.6   | 0      | 341    | 97   | 238.8  | 21.1   | 2      | 333    | 97   | 222.2   | 19.9   | 1      | 331    | 95   | 55.5 |
| GREAT LAKES        | 5626VT2PRO     | 216.1   | 21.7   | 0      | 332    | 95   | 220.3   | 17.7   | 1      | 332    | 97   | 221.1  | 22.4   | 5      | 338    | 96   | 219.2   | 20.6   | 2      | 334    | 96   | 58.9 |
| HUBNER             | H6257RCSS      | 222.1   | 21.7   | 0      | 328    | 93   | 228.5   | 18.1   | 0      | 347    | 99   | 260.7  | 22.7   | 1      | 352    | 100  | 237.1   | 20.8   | 0      | 342    | 97   | 54.8 |
| HUBNER             | H6394RCSS      | 221.8   | 24.0   | 0      | 339    | 97   | 244.8   | 18.6   | 1      | 343    | 99   | 245.0  | 22.4   | 0      | 343    | 99   | 237.2   | 21.7   | 0      | 342    | 98   | 55.0 |
| LG SEEDS           | LG5520STXRIB   | 212.9   | 21.9   | 0      | 370    | 97   | 236.7   | 18.0   | 1      | 369    | 97   | 241.0  | 20.3   | 0      | 379    | 99   | 230.2   | 20.1   | 0      | 373    | 98   | 55.8 |
| LG SEEDS           | LG5525VTPro    | 242.6   | 21.0   | 0      | 355    | 95   | 248.9   | 18.1   | 1      | 368    | 98   | 250.9  | 22.2   | 1      | 369    | 99   | 247.5   | 20.4   | 1      | 364    | 97   | 56.3 |
| LG SEEDS           | LG5530VT2Pro   | 221.0   | 20.9   | 0      | 350    | 93   | 227.3   | 17.7   | 2      | 365    | 98   | 234.1  | 21.3   | 0      | 367    | 98   | 227.4   | 20.0   | 1      | 361    | 96   | 59.5 |
| LG SEEDS           | LG5565STXRIB   | 247.4   | 23.8   | 1      | 370    | 96   | 261.3   | 20.5   | 3      | 369    | 97   | 218.7  | 20.3   | 4      | 377    | 98   | 242.5   | 21.5   | 3      | 372    | 97   | 56.7 |
| NK                 | NK0327-3120    | 207.4   | 21.2   | 1      | 346    | 95   | 206.1   | 17.3   | 0      | 352    | 99   | 216.1  | 19.6   | 31     | 348    | 97   | 209.9   | 19.4   | 11     | 349    | 97   | 59.0 |
| NK                 | NK0760-3111    | 216.4   | 20.4   | 1      | 354    | 99   | 233.4   | 19.2   | 0      | 351    | 98   | 240.7  | 22.4   | 2      | 346    | 99   | 230.2   | 20.7   | 1      | 350    | 99   | 54.5 |
| NUTECH/G2 GENETICS | 5F-308™        | 242.7   | 23.9   | 0      | 330    | 93   | 215.5   | 18.7   | 0      | 336    | 96   | 239.4  | 22.2   | 0      | 325    | 94   | 232.5   | 21.6   | 0      | 330    | 94   | 56.6 |
| NUTECH/G2 GENETICS | 5F-504™        | 246.3   | 21.8   | 0      | 347    | 98   | 235.9   | 18.7   | 0      | 341    | 97   | 262.2  | 20.2   | 1      | 338    | 97   | 248.1   | 20.2   | 0      | 342    | 97   | 55.6 |
| NUTECH/G2 GENETICS | 5H-806™        | 234.2   | 23.8   | 0      | 323    | 91   | 226.4   | 21.2   | 0      | 328    | 95   | 257.9  | 22.4   | 0      | 330    | 96   | 239.5   | 22.5   | 0      | 327    | 94   | 55.1 |
| NUTECH/G2 GENETICS | 5VN-4707       | 217.6   | 19.7   | 0      | 333    | 95   | 226.4   | 19.4   | 0      | 328    | 94   | 212.6  | 23.1   | 0      | 330    | 96   | 218.9   | 20.7   | 0      | 330    | 95   | 53.5 |
| RUPP               | XR D00-51      | 210.2   | 20.1   | 0      | 333    | 96   | 212.7   | 16.9   | 0      | 341    | 98   | 222.6  | 18.9   | 0      | 336    | 98   | 215.2   | 18.6   | 0      | 336    | 97   | 58.2 |
| RUPP               | XR D02-93      | 209.3   | 20.8   | 0      | 329    | 92   | 219.5   | 17.6   | 0      | 332    | 94   | 209.5  | 19.0   | 0      | 325    | 93   | 212.8   | 19.1   | 0      | 329    | 93   | 58.1 |
| RUPP               | XR D06-70      | 231.2   | 20.2   | 0      | 342    | 95   | 237.2   | 17.4   | 1      | 343    | 97   | 246.8  | 20.8   | 0      | 330    | 96   | 238.4   | 19.5   | 1      | 339    | 96   | 56.5 |
| RUPP               | XR D07-72      | 229.0   | 21.8   | 0      | 321    | 91   | 223.3   |        |        |        |      |        |        |        |        |      |         |        |        |        |      |      |

Table 7L. Performance of hybrids in the full season trial. NORTH CENTRAL and NORTHEASTERN Ohio, 2017.

| Brand              | Hybrid        | Wooster |             |           |            |       | Beloit |             |           |            |       | Summary |             |           |            |       |      |
|--------------------|---------------|---------|-------------|-----------|------------|-------|--------|-------------|-----------|------------|-------|---------|-------------|-----------|------------|-------|------|
|                    |               | Yield   | Harv. Mst.  | Stk. Ldg. | Final Std. | Emg.  | Yield  | Harv. Mst.  | Stk. Ldg. | Final Std. | Emg.  | Yield   | Harv. Mst.  | Stk. Ldg. | Final Std. | Emg.  | TW   |
|                    |               | Bu/A    | -----%----- |           | 100/A      | --%-- | Bu/A   | -----%----- |           | 100/A      | --%-- | Bu/A    | -----%----- |           | 100/A      | --%-- | Lbs. |
| AGRA SOLUTIONS     | KEY 812Q      | 224.5   | 21.0        | 0         | 351        | 99    | 223.2  | 25.1        | 0         | 342        | 96    | 223.9   | 23.0        | 0         | 347        | 98    | 54.4 |
| AGRIGOLD HYBRIDS   | A639-40VT2PRO | 231.7   | 21.8        | 0         | 333        | 96    | 253.9  | 23.6        | 1         | 341        | 98    | 242.8   | 22.7        | 1         | 337        | 97    | 53.2 |
| AGRIGOLD HYBRIDS   | A640-77VT2PRO | 229.8   | 19.2        | 1         | 339        | 97    | 239.5  | 23.5        | 0         | 336        | 97    | 234.7   | 21.4        | 1         | 338        | 97    | 55.1 |
| AGRIGOLD HYBRIDS   | A6499STXRIB   | 227.0   | 22.6        | 0         | 341        | 96    | 213.0  | 24.7        | 0         | 339        | 98    | 220.0   | 23.6        | 0         | 340        | 97    | 54.9 |
| BA Genetics        | BA18-10       | 241.0   | 19.5        | 1         | 333        | 96    | 290.3  | 22.3        | 0         | 348        | 99    | 265.7   | 20.9        | 1         | 341        | 98    | 56.0 |
| BA Genetics        | BA18-11       | 224.2   | 22.4        | 1         | 327        | 94    | 258.5  | 25.1        | 5         | 332        | 97    | 241.3   | 23.7        | 3         | 329        | 96    | 53.5 |
| BA Genetics        | BA8484        | 236.1   | 22.2        | 1         | 329        | 98    | 251.0  | 25.4        | 0         | 334        | 98    | 243.6   | 23.8        | 1         | 332        | 98    | 54.3 |
| BECK'S             | 6082AM™*Brand | 223.7   | 19.3        | 0         | 312        | 89    | 246.3  | 23.7        | 0         | 316        | 91    | 235.0   | 21.5        | 0         | 314        | 90    | 52.6 |
| BECK'S             | 6127A3        | 223.8   | 21.8        | 0         | 302        | 85    | 221.2  | 26.2        | 0         | 298        | 85    | 222.5   | 24.0        | 0         | 300        | 85    | 54.6 |
| CHANNEL            | 209-15VT2PRIB | 228.6   | 19.6        | 7         | 360        | 98    | 255.5  | 22.5        | 0         | 373        | 99    | 242.0   | 21.1        | 4         | 367        | 99    | 55.8 |
| CHANNEL            | 210-26VT2PRIB | 237.3   | 19.4        | 0         | 373        | 100   | 250.4  | 23.5        | 0         | 377        | 99    | 243.9   | 21.4        | 0         | 375        | 99    | 53.0 |
| CHANNEL            | 212-20STXRIB  | 233.7   | 22.0        | 0         | 348        | 93    | 249.8  | 23.4        | 2         | 359        | 96    | 241.7   | 22.7        | 1         | 354        | 95    | 56.7 |
| CHANNEL            | 213-19VT2PRIB | 243.1   | 21.4        | 0         | 364        | 98    | 265.3  | 25.4        | 0         | 364        | 97    | 254.2   | 23.4        | 0         | 364        | 98    | 54.8 |
| DEKALB             | DKC59-50RIB   | 234.2   | 20.7        | 1         | 359        | 97    | 254.0  | 24.0        | 1         | 365        | 97    | 244.1   | 22.4        | 1         | 362        | 97    | 54.6 |
| DEKALB             | DKC61-54RIB   | 235.1   | 21.5        | 1         | 374        | 100   | 244.8  | 23.2        | 1         | 373        | 99    | 240.0   | 22.3        | 1         | 374        | 99    | 55.3 |
| DEKALB             | DKC62-20RIB   | 247.9   | 21.3        | 0         | 367        | 98    | 248.6  | 25.0        | 0         | 358        | 97    | 248.3   | 23.2        | 0         | 362        | 98    | 53.9 |
| DEKALB             | DKC63-60RIB   | 237.1   | 22.3        | 0         | 368        | 98    | 274.8  | 23.8        | 0         | 364        | 97    | 256.0   | 23.1        | 0         | 366        | 97    | 55.8 |
| DEKALB             | DKC64-34RIB   | 218.4   | 21.7        | 0         | 360        | 96    | 226.7  | 24.5        | 1         | 364        | 98    | 222.6   | 23.1        | 0         | 362        | 97    | 54.8 |
| DEKALB             | DKC64-87RIB   | 240.2   | 21.3        | 0         | 368        | 99    | 271.7  | 24.2        | 0         | 372        | 100   | 255.9   | 22.7        | 0         | 370        | 99    | 54.4 |
| DOEBLER'S          | RPM® 4917AM™  | 228.0   | 20.5        | 0         | 323        | 94    | 242.8  | 21.8        | 0         | 333        | 96    | 235.4   | 21.2        | 0         | 328        | 95    | 55.2 |
| DOEBLER'S          | RPM® 5018AM™  | 234.0   | 20.0        | 1         | 342        | 99    | 250.0  | 21.7        | 0         | 339        | 99    | 242.0   | 20.8        | 0         | 341        | 99    | 54.3 |
| DOEBLER'S          | RPM® 5125AM™  | 232.2   | 20.0        | 2         | 346        | 97    | 252.6  | 21.7        | 1         | 347        | 99    | 242.4   | 20.9        | 1         | 347        | 98    | 56.0 |
| DOEBLER'S          | RPM® 5518AM™  | 229.2   | 22.2        | 0         | 350        | 99    | 235.6  | 23.9        | 1         | 342        | 98    | 232.4   | 23.1        | 1         | 346        | 98    | 53.7 |
| DYNA-GRO           | D49VC39       | 222.8   | 20.9        | 1         | 311        | 85    | 214.8  | 25.2        | 3         | 289        | 83    | 218.8   | 23.0        | 2         | 300        | 84    | 53.6 |
| DYNA-GRO           | D51SS54       | 240.9   | 21.4        | 0         | 383        | 98    | 257.4  | 23.3        | 2         | 370        | 96    | 249.1   | 22.3        | 1         | 377        | 97    | 54.7 |
| FS INVISION        | FS 59VL1 EZR  | 214.4   | 18.4        | 3         | 333        | 95    | 236.5  | 21.8        | 1         | 325        | 94    | 225.5   | 20.1        | 2         | 329        | 94    | 50.8 |
| FS INVISION        | FS 60QV1 RIB  | 237.4   | 20.2        | 1         | 328        | 93    | 254.3  | 23.5        | 0         | 334        | 94    | 245.9   | 21.8        | 1         | 331        | 94    | 54.1 |
| FS INVISION        | FS 60ZX1 RIB  | 216.5   | 21.1        | 0         | 341        | 97    | 241.7  | 23.1        | 0         | 343        | 98    | 229.1   | 22.1        | 0         | 342        | 98    | 55.5 |
| FS INVISION        | FS 61SX1 RIB  | 241.2   | 21.4        | 3         | 339        | 97    | 255.5  | 24.8        | 2         | 341        | 98    | 248.3   | 23.1        | 2         | 340        | 98    | 54.5 |
| FS INVISION        | FS 62R44      | 222.8   | 21.0        | 0         | 337        | 97    | 224.1  | 24.2        | 0         | 342        | 97    | 223.5   | 22.6        | 0         | 339        | 97    | 55.2 |
| FS INVISION        | FS 63ZX1 RIB  | 218.0   | 22.4        | 0         | 348        | 97    | 252.5  | 25.4        | 0         | 345        | 99    | 235.3   | 23.9        | 0         | 347        | 98    | 54.8 |
| GOLDEN HARVEST     | G09A86-3111   | 210.4   | 18.6        | 1         | 345        | 97    | 228.2  | 23.8        | 0         | 346        | 97    | 219.3   | 21.2        | 0         | 345        | 97    | 53.6 |
| GOLDEN HARVEST     | G09Y24-3220A  | 229.4   | 18.9        | 1         | 343        | 97    | 240.6  | 22.6        | 2         | 346        | 96    | 235.0   | 20.8        | 1         | 345        | 97    | 54.2 |
| GOLDEN HARVEST     | G10T63-3120   | 222.9   | 18.9        | 0         | 341        | 98    | 244.0  | 23.2        | 1         | 346        | 99    | 233.5   | 21.1        | 1         | 343        | 99    | 55.7 |
| GOLDEN HARVEST     | G12W66-3000GT | 210.4   | 20.5        | 0         | 345        | 96    | 223.0  | 23.9        | 0         | 334        | 93    | 216.7   | 22.2        | 0         | 339        | 95    | 54.9 |
| GREAT LAKES        | 5910VT2PRO    | 225.4   | 18.3        | 0         | 343        | 98    | 254.4  | 22.1        | 3         | 343        | 98    | 239.9   | 20.2        | 1         | 343        | 98    | 55.9 |
| GREAT LAKES        | 5935STX       | 216.9   | 21.0        | 1         | 318        | 91    | 229.2  | 22.6        | 2         | 342        | 97    | 223.1   | 21.8        | 1         | 330        | 94    | 55.0 |
| GREAT LAKES        | 6401STXRIB    | 233.7   | 22.7        | 0         | 345        | 98    | 246.7  | 25.2        | 0         | 352        | 99    | 240.2   | 23.9        | 0         | 348        | 98    | 56.1 |
| HUBNER             | H6663RCSS     | 226.8   | 23.5        | 0         | 345        | 99    | 248.2  | 23.3        | 0         | 341        | 96    | 237.5   | 23.4        | 0         | 343        | 98    | 54.1 |
| HUBNER             | H6755RCSS     | 225.0   | 22.5        | 1         | 345        | 98    | 228.1  | 23.9        | 7         | 348        | 99    | 226.6   | 23.2        | 4         | 347        | 99    | 53.2 |
| LG SEEDS           | LG5548STXRIB  | 227.8   | 21.0        | 0         | 370        | 99    | 276.1  | 23.6        | 1         | 374        | 99    | 251.9   | 22.3        | 1         | 372        | 99    | 54.9 |
| LG SEEDS           | LG5590VT2Pro  | 219.8   | 19.7        | 0         | 355        | 95    | 242.4  | 22.7        | 1         | 358        | 96    | 231.1   | 21.2        | 1         | 356        | 95    | 54.2 |
| LG SEEDS           | LG5606STX     | 213.0   | 22.2        | 0         | 369        | 98    | 225.7  | 24.0        | 3         | 370        | 99    | 219.4   | 23.1        | 2         | 370        | 98    | 56.8 |
| LG SEEDS           | LG5618STXRIB  | 234.8   | 22.2        | 0         | 363        | 98    | 246.1  | 23.5        | 0         | 372        | 99    | 240.5   | 22.8        | 0         | 367        | 99    | 55.8 |
| NK                 | NK1066-3120   | 232.2   | 20.1        | 1         | 338        | 97    | 240.8  | 22.9        | 1         | 346        | 99    | 236.5   | 21.5        | 1         | 342        | 98    | 55.5 |
| NK                 | NK1284-3000GT | 220.3   | 20.8        | 0         | 348        | 97    | 233.2  | 24.8        | 0         | 342        | 95    | 226.8   | 22.8        | 0         | 345        | 96    | 55.4 |
| NK                 | NK1452-3120   | 225.5   | 22.4        | 0         | 341        | 95    | 229.9  | 25.2        | 0         | 347        | 97    | 227.7   | 23.8        | 0         | 344        | 96    | 52.2 |
| NUTECH/G2 GENETICS | 5F-510™       | 223.6   | 19.9        | 0         | 343        | 98    | 232.8  | 22.7        | 1         | 334        | 97    | 228.2   | 21.3        | 0         | 339        | 97    | 57.2 |
| NUTECH/G2 GENETICS | 5F-709™       | 215.4   | 19.4        | 0         | 323        | 93    | 250.5  | 23.6        | 1         | 330        | 96    | 233.0   | 21.5        | 1         | 327        | 94    | 55.0 |
| NUTECH/G2 GENETICS | 5F-713™       | 211.2   | 19.7        | 0         | 336        | 95    | 259.5  | 22.4        | 1         | 346        | 98    | 235.4   | 21.0        | 1         | 341        | 96    | 55.5 |
| NUTECH/G2 GENETICS | 5FB-1010™     | 202.6   | 20.5        | 2         | 336        | 96    | 240.5  | 21.0        | 6         | 338        | 95    | 221.6   | 20.8        | 4         | 337        | 96    | 56.4 |
| NUTECH/G2 GENETICS | X5FN0909      | 230.0   | 20.2        | 0         | 338        | 97    | 269.0  | 21.1        | 0         | 346        | 98    | 249.5   | 20.7        | 0         | 342        | 98    | 54.9 |
| NUTECH/G2 GENETICS | X5FN1305      | 235.0   | 21.8        | 1         | 342        | 96    | 242.4  | 26.3        | 2         | 339        | 97    | 238.7   | 24.0        | 2         | 341        | 96    | 53.0 |
| NUTECH/G2 GENETICS | X5FN1306      | 225.6   | 21.0        | 0         | 328        | 92    | 269.8  | 24.5        | 0         | 351        | 99    | 247.7   | 22.8        | 0         | 339        | 96    | 53.2 |
| NUTECH/G2 GENETICS | X5NN1212      | 220.8   | 21.9        | 4         | 348        | 98    | 248.1  | 25.0        | 0         | 334        | 95    | 234.5   | 23.5        | 2         | 341        | 97    | 54.6 |
| RUPP               | XR D14-48     | 226.9   | 21.4        | 1         | 323        | 92    | 218.4  | 24.6        | 4         | 328        | 94    | 222.7   | 23.0        | 2         | 325        | 93    | 55.3 |
| SHUR GROW          | SG 695SSRIB   | 229.5   | 20.6        | 0         | 328        | 91    | 234.9  | 23.6        | 0         | 323        | 90    | 232.2   | 22.1        | 0         | 325        | 90    | 55.7 |
| SHUR GROW          | SG 723VT2PRIB | 217.7   | 19.1        | 0         | 339        | 94    | 246.8  | 23.0        | 0         | 342        | 95    | 232.3   | 21.0        | 0         | 341        | 95    | 56.7 |
| SHUR GROW          | SG 734VT3PRIB | 211.4   | 19.7        | 0         | 351        | 93    | 228.6  | 21.4        | 2         | 361        | 96    | 220.0   | 20.5        | 1         | 356        | 95    | 55.1 |
| SHUR GROW          | SG 748SSRIB   | 227.1   | 22.1        | 2         | 339        | 98    | 244.9  | 24.2        | 1         | 333        | 96    | 236.0   | 23.2        | 2         | 336        | 97    | 53.7 |
| WELLMAN SEEDS      | W 2609DP      | 231.1   | 20.9        | 0         | 319        | 91    | 247.6  | 23.7        | 0         | 325        | 94    | 239.3   | 22.3        | 0         | 322        | 93    | 53.8 |
| WELLMAN SEEDS      | W 2812DP      | 233.4   | 21.0        | 0         | 352        | 100   | 238.5  | 23.7        | 1         | 346        | 97    | 235.9   | 22.3        | 0         | 349        | 99    | 53.6 |
| High               |               | 247.9   | 23.5        | 7         | 383        | 100   | 290.3  | 26.3        | 7         | 377        | 100   | 265.7   | 24.0        | 4         | 377        | 99    | 57.2 |
| Average            |               | 226.9   | 20.9        | 1         | 343        | 96    | 244.6  | 23.7        | 1         | 345        | 96    | 235.8   | 22.3        | 1         | 344        | 96    | 54.7 |
| Low                |               | 202.6   | 18.3        | 0         | 302        | 85    | 213.0  | 21.0        | 0         | 289        | 83    | 216.7   | 20.1        | 0         | 300        | 84    | 50.8 |
| LSD .10            |               | 15.5    | 1.1         | NS        | 12         | 3     | 25.7   | 1.8         | NS        | 12         | 3     | 16.4    | 1.3         | NS        | 10         | 2     | 1.3  |

Soil Type  
Soil Test (pH,P,K)  
Previous Crop  
Planting /Harvest Dates  
Tillage  
Fertilizer (N,P,K)  
Cooperator  
County

Canfield Silt Loam  
Results will be posted to the Performance Test web site when available.  
Soybeans  
May 23 / Oct. 27, 2017  
Minimum Till  
207, 26, 0  
Mike Sword / Ken Scaife, OARDC  
Wayne

Fitchville Silt Loam  
Soybeans  
May 19 / Oct. 26, 2017  
Minimum Till  
224, 104, 90  
B & B Farms  
Mahoning

TABLE 8. Two year hybrid performance in NORTH CENTRAL AND NORTHEASTERN Ohio, 2016-2017.

| Brand              | Hybrid        | Bucyrus |             |      |       |       | Wooster |             |      |       |       | Beloit           |             |      |       |       | Summary (Wooster & Beloit) |             |      |       |       |      |
|--------------------|---------------|---------|-------------|------|-------|-------|---------|-------------|------|-------|-------|------------------|-------------|------|-------|-------|----------------------------|-------------|------|-------|-------|------|
|                    |               | Yield   | Harv.       | Stk. | Final | Emg.  | Yield   | Harv.       | Stk. | Final | Emg.  | Yield            | Harv.       | Stk. | Final | Emg.  | Yield                      | Harv.       | Stk. | Final | Emg.  | TW   |
|                    |               | Bu/A    | -----%----- | Ldg. | 100/A | --%-- | Bu/A    | -----%----- | Ldg. | 100/A | --%-- | Bu/A             | -----%----- | Ldg. | 100/A | --%-- | Bu/A                       | -----%----- | Ldg. | 100/A | --%-- | Lbs. |
| AGRIGOLD HYBRIDS   | A6499STXRIB   |         |             |      |       |       | 210.0   | 23.4        | 0    | 341   | 97    | 219.0            | 25.0        | 0    | 338   | 97    | 214.5                      | 24.2        | 0    | 340   | 97    | 55.2 |
| BECK'S             | 5140HR™*Brand | 256.8   | 20.4        | 0    | 342   | 99    | 209.1   | 19.9        | 0    | 332   | 96    | 220.4            | 21.3        | 0    | 338   | 98    | 214.8                      | 20.6        | 0    | 335   | 97    | 56.7 |
| CHANNEL            | 205-17VT2PRIB | 227.3   | 17.7        | 0    | 357   | 97    | 180.5   | 18.2        | 0    | 347   | 95    | 211.6            | 18.7        | 0    | 357   | 97    | 196.0                      | 18.5        | 0    | 352   | 96    | 56.5 |
| CHANNEL            | 207-27STXRIB  | 255.6   | 21.7        | 0    | 359   | 97    | 207.2   | 20.9        | 1    | 361   | 98    | 220.8            | 24.2        | 0    | 367   | 99    | 214.0                      | 22.5        | 0    | 364   | 98    | 54.7 |
| CHANNEL            | 213-19VT2PRIB |         |             |      |       |       | 205.1   | 23.8        | 0    | 356   | 97    | 236.3            | 24.3        | 0    | 357   | 97    | 220.7                      | 24.1        | 0    | 357   | 97    | 54.5 |
| DEKALB             | DKC53-56RIB   | 233.4   | 18.8        | 0    | 356   | 96    | 194.6   | 18.6        | 1    | 350   | 95    | 174.3            | 20.2        | 0    | 352   | 96    | 184.5                      | 19.4        | 0    | 351   | 96    | 57.8 |
| DEKALB             | DKC54-38RIB   | 232.0   | 20.3        | 0    | 356   | 95    | 193.6   | 19.7        | 0    | 343   | 93    | 212.1            | 21.4        | 0    | 350   | 94    | 202.8                      | 20.5        | 0    | 346   | 94    | 57.0 |
| DEKALB             | DKC55-20RIB   | 229.4   | 18.8        | 0    | 343   | 94    | 199.2   | 19.2        | 0    | 357   | 96    | 223.1            | 21.2        | 0    | 362   | 98    | 211.1                      | 20.2        | 0    | 359   | 97    | 55.9 |
| DEKALB             | DKC58-06RIB   | 233.9   | 21.2        | 0    | 365   | 97    | 211.3   | 20.7        | 0    | 361   | 97    | 219.1            | 22.9        | 6    | 365   | 97    | 215.2                      | 21.8        | 3    | 363   | 97    | 56.8 |
| DEKALB             | DKC61-54RIB   |         |             |      |       |       | 203.1   | 22.5        | 0    | 364   | 99    | 231.1            | 22.9        | 0    | 369   | 99    | 217.1                      | 22.7        | 0    | 366   | 99    | 55.6 |
| DEKALB             | DKC63-60RIB   |         |             |      |       |       | 199.5   | 24.0        | 0    | 361   | 98    | 247.5            | 24.7        | 0    | 363   | 97    | 223.5                      | 24.4        | 0    | 362   | 98    | 55.5 |
| DEKALB             | DKC64-87RIB   |         |             |      |       |       | 208.7   | 22.2        | 1    | 364   | 99    | 243.1            | 24.8        | 0    | 367   | 99    | 225.9                      | 23.5        | 0    | 365   | 99    | 54.2 |
| DOEBLER'S          | RPM® 4917AM™  |         |             |      |       |       | 194.2   | 20.3        | 0    | 312   | 91    | 228.6            | 21.8        | 0    | 327   | 95    | 211.4                      | 21.0        | 0    | 319   | 93    | 55.9 |
| DOEBLER'S          | RPM® 5125AM™  |         |             |      |       |       | 195.4   | 20.1        | 2    | 338   | 97    | 231.9            | 21.1        | 1    | 343   | 99    | 213.7                      | 20.6        | 2    | 341   | 98    | 57.0 |
| DYNA-GRO           | D48SS38       | 238.3   | 21.0        | 0    | 372   | 95    | 192.3   | 21.1        | 1    | 369   | 95    | 208.0            | 22.3        | 1    | 342   | 98    | 200.1                      | 21.7        | 1    | 356   | 96    | 56.4 |
| DYNA-GRO           | D51SS54       |         |             |      |       |       | 204.6   | 22.2        | 1    | 370   | 97    | 225.9            | 24.0        | 1    | 364   | 97    | 215.2                      | 23.1        | 1    | 367   | 97    | 54.5 |
| GOLDEN HARVEST     | G07F23-3111   | 223.7   | 19.5        | 1    | 351   | 97    | 206.1   | 19.9        | 0    | 347   | 97    | 212.6            | 21.0        | 5    | 359   | 99    | 209.4                      | 20.4        | 2    | 353   | 98    | 54.7 |
| GOLDEN HARVEST     | G12W66-3000GT |         |             |      |       |       | 190.2   | 21.5        | 1    | 352   | 98    | 223.9            | 23.9        | 1    | 349   | 96    | 207.0                      | 22.7        | 1    | 350   | 97    | 55.3 |
| HUBNER             | H6663RCSS     |         |             |      |       |       | 204.3   | 24.5        | 0    | 341   | 99    | 243.2            | 24.3        | 1    | 336   | 97    | 223.8                      | 24.4        | 0    | 339   | 98    | 53.8 |
| LG SEEDS           | LG5520STXRIB  | 212.8   | 19.7        | 0    | 344   | 96    | 196.5   | 19.0        | 1    | 343   | 97    | 202.3            | 19.9        | 0    | 348   | 97    | 199.4                      | 19.4        | 0    | 346   | 97    | 57.0 |
| LG SEEDS           | LG5548STXRIB  |         |             |      |       |       | 197.9   | 22.2        | 1    | 348   | 99    | 235.8            | 24.0        | 1    | 352   | 99    | 216.8                      | 23.1        | 1    | 350   | 99    | 54.8 |
| LG SEEDS           | LG5565STXRIB  | 237.4   | 21.4        | 1    | 350   | 98    | 205.4   | 21.3        | 2    | 339   | 96    | 197.8            | 21.5        | 2    | 349   | 98    | 201.6                      | 21.4        | 2    | 344   | 97    | 56.7 |
| LG SEEDS           | LG5618STXRIB  |         |             |      |       |       | 208.2   | 23.1        | 0    | 343   | 97    | 238.7            | 24.3        | 0    | 350   | 99    | 223.5                      | 23.7        | 0    | 347   | 98    | 55.7 |
| NK                 | NK0760-3111   | 225.0   | 18.7        | 2    | 358   | 99    | 203.1   | 19.7        | 0    | 355   | 98    | 219.2            | 22.2        | 3    | 350   | 99    | 211.2                      | 21.0        | 1    | 352   | 98    | 54.4 |
| NK                 | NK1284-3000GT |         |             |      |       |       | 201.2   | 21.4        | 0    | 351   | 97    | 219.7            | 24.3        | 0    | 351   | 97    | 210.5                      | 22.9        | 0    | 351   | 97    | 55.5 |
| NUTECH/G2 GENETICS | 5F-308™       | 240.8   | 21.6        | 0    | 336   | 96    | 183.4   | 19.6        | 0    | 328   | 96    | 211.7            | 22.1        | 1    | 328   | 96    | 197.6                      | 20.9        | 0    | 328   | 96    | 57.2 |
| NUTECH/G2 GENETICS | 5F-504™       | 241.2   | 19.1        | 0    | 342   | 99    | 198.2   | 19.2        | 0    | 328   | 95    | 234.9            | 19.7        | 1    | 327   | 95    | 216.5                      | 19.4        | 0    | 328   | 95    | 56.4 |
| NUTECH/G2 GENETICS | 5F-510™       |         |             |      |       |       | 191.4   | 20.2        | 1    | 338   | 98    | 218.2            | 22.3        | 0    | 336   | 98    | 204.8                      | 21.3        | 1    | 337   | 98    | 57.8 |
| NUTECH/G2 GENETICS | 5F-709™       |         |             |      |       |       | 187.1   | 19.5        | 0    | 316   | 92    | 230.1            | 22.4        | 1    | 331   | 97    | 208.6                      | 21.0        | 0    | 324   | 94    | 55.8 |
| NUTECH/G2 GENETICS | 5F-713™       |         |             |      |       |       | 188.5   | 20.3        | 1    | 310   | 94    | 230.1            | 22.4        | 1    | 323   | 98    | 209.3                      | 21.3        | 1    | 317   | 96    | 55.4 |
| NUTECH/G2 GENETICS | 5H-806™       | 239.3   | 21.1        | 0    | 325   | 93    | 193.6   | 20.3        | 1    | 327   | 96    | 223.9            | 21.4        | 0    | 330   | 96    | 208.8                      | 20.9        | 0    | 328   | 96    | 56.7 |
| RUPP               | XR D00-51     | 210.6   | 17.4        | 0    | 334   | 97    | 175.0   | 17.9        | 0    | 336   | 97    | 202.3            | 18.1        | 0    | 332   | 97    | 188.7                      | 18.0        | 0    | 334   | 97    | 58.7 |
| RUPP               | XR D02-93     | 220.5   | 19.9        | 0    | 329   | 93    | 191.7   | 18.6        | 0    | 327   | 94    | 195.2            | 19.7        | 0    | 324   | 94    | 193.5                      | 19.2        | 0    | 325   | 94    | 58.1 |
| RUPP               | XR D06-70     | 234.5   | 18.4        | 0    | 332   | 95    | 203.5   | 18.6        | 1    | 325   | 94    | 202.4            | 20.4        | 0    | 329   | 96    | 203.0                      | 19.5        | 1    | 327   | 95    | 57.0 |
| SEED CONSULTANTS   | SCS 1037YHR™  | 242.9   | 18.6        | 0    | 333   | 98    | 193.5   | 18.3        | 1    | 330   | 98    | 207.0            | 18.9        | 0    | 331   | 98    | 200.3                      | 18.6        | 1    | 330   | 98    | 57.9 |
| SEED CONSULTANTS   | SCS 1067YHR™  | 234.3   | 19.9        | 1    | 326   | 95    | 198.1   | 19.2        | 0    | 330   | 96    | 236.4            | 21.2        | 4    | 332   | 97    | 217.2                      | 20.2        | 2    | 331   | 97    | 56.3 |
| SEED CONSULTANTS   | SCS 10HR43™   | 242.8   | 20.6        | 1    | 325   | 95    | 208.3   | 19.6        | 0    | 328   | 97    | 238.5            | 20.9        | 1    | 329   | 98    | 223.4                      | 20.3        | 1    | 329   | 97    | 57.1 |
| T. A. SEEDS        | TA536-22DPRIB | 224.6   | 20.4        | 0    | 326   | 95    | 202.8   | 19.5        | 0    | 318   | 94    | 196.4            | 20.7        | 0    | 323   | 95    | 199.6                      | 20.1        | 0    | 320   | 94    | 57.8 |
| WELLMAN SEEDS      | W 2609DP      |         |             |      |       |       | 200.0   | 20.9        | 0    | 313   | 91    | 193.9            | 22.0        | 0    | 322   | 94    | 196.9                      | 21.4        | 0    | 317   | 92    | 54.2 |
| WELLMAN SEEDS      | W 2708        | 228.6   | 19.6        | 1    | 332   | 96    | 198.4   | 19.3        | 1    | 330   | 95    | Herbicide Injury |             |      |       |       |                            |             |      |       |       |      |
| High               |               | 256.8   | 21.7        | 2    | 372   | 99    | 211.3   | 24.5        | 2    | 370   | 99    | 247.5            | 25.0        | 6    | 369   | 99    | 225.9                      | 24.4        | 3    | 367   | 99    | 58.7 |
| Average            |               | 233.3   | 19.8        | 0    | 343   | 96    | 198.4   | 20.5        | 0    | 341   | 96    | 219.7            | 22.0        | 1    | 344   | 97    | 209.0                      | 21.3        | 1    | 342   | 97    | 56.1 |
| Low                |               | 210.6   | 17.4        | 0    | 325   | 93    | 175.0   | 17.9        | 0    | 310   | 91    | 174.3            | 18.1        | 0    | 322   | 94    | 184.5                      | 18.0        | 0    | 317   | 92    | 53.8 |

TABLE 9. Three year hybrid performance in NORTH CENTRAL AND NORTHEASTERN Ohio, 2015-2017.

| Brand                  | Hybrid        | Bucyrus |       |      |       |      | Wooster |       |      |       |      | Beloit |       |      |       |      | Summary (Wooster & Beloit) |       |      |       |      |      |
|------------------------|---------------|---------|-------|------|-------|------|---------|-------|------|-------|------|--------|-------|------|-------|------|----------------------------|-------|------|-------|------|------|
|                        |               | Yield   | Harv. | Stk. | Final | Emg. | Yield   | Harv. | Stk. | Final | Emg. | Yield  | Harv. | Stk. | Final | Emg. | Yield                      | Harv. | Stk. | Final | Emg. | TW   |
|                        |               | Bu/A    | Mst.  | Ldg. | Std.  | --%  | Bu/A    | Mst.  | Ldg. | Std.  | --%  | Bu/A   | Mst.  | Ldg. | Std.  | --%  | Bu/A                       | Mst.  | Ldg. | Std.  | --%  | Lbs. |
| AGRIGOLD HYBRIDS       | A6499STXRIB   |         |       |      |       |      | 206.7   | 23.2  | 0    | 348   | 97   | 198.2  | 24.4  | 0    | 347   | 98   | 202.4                      | 23.8  | 0    | 347   | 98   | 55.0 |
| CHANNEL                | 207-27STXRIB  | 258.0   | 20.4  | 0    | 361   | 97   | 214.1   | 20.9  | 1    | 358   | 97   | 206.3  | 22.8  | 0    | 365   | 99   | 210.2                      | 21.8  | 0    | 362   | 98   | 54.9 |
| DEKALB                 | DKC53-56RIB   | 233.8   | 17.4  | 0    | 361   | 97   | 198.3   | 18.7  | 0    | 355   | 96   | 168.5  | 19.2  | 0    | 356   | 97   | 183.4                      | 18.9  | 0    | 356   | 96   | 57.9 |
| DEKALB                 | DKC54-38RIB   | 227.5   | 18.6  | 0    | 360   | 96   | 193.1   | 19.2  | 0    | 350   | 95   | 191.5  | 20.3  | 0    | 349   | 96   | 192.3                      | 19.8  | 0    | 350   | 95   | 57.5 |
| DEKALB                 | DKC55-20RIB   | 225.8   | 17.6  | 0    | 355   | 96   | 206.5   | 18.7  | 0    | 360   | 97   | 192.0  | 19.2  | 0    | 364   | 98   | 199.3                      | 19.0  | 0    | 362   | 97   | 56.3 |
| DEKALB                 | DKC58-06RIB   | 229.8   | 20.3  | 0    | 359   | 97   | 208.6   | 20.7  | 0    | 359   | 97   | 191.3  | 21.4  | 4    | 361   | 97   | 199.9                      | 21.0  | 2    | 360   | 97   | 57.2 |
| DEKALB                 | DKC61-54RIB   |         |       |      |       |      | 210.7   | 22.1  | 0    | 369   | 99   | 205.1  | 22.1  | 0    | 369   | 99   | 207.9                      | 22.1  | 0    | 369   | 99   | 56.1 |
| DOEBLER'S              | RPM® 5125AM™  |         |       |      |       |      | 197.9   | 20.5  | 2    | 332   | 97   | 215.7  | 21.2  | 0    | 337   | 99   | 206.8                      | 20.8  | 1    | 335   | 98   | 57.1 |
| DYNA-GRO               | D48SS38       | 233.8   | 19.1  | 0    | 376   | 96   | 193.9   | 21.0  | 1    | 372   | 96   | 180.6  | 21.3  | 1    | 355   | 99   | 187.2                      | 21.2  | 1    | 363   | 97   | 56.9 |
| DYNA-GRO               | D51SS54       |         |       |      |       |      | 209.0   | 21.7  | 0    | 372   | 97   | 204.3  | 23.2  | 1    | 369   | 97   | 206.7                      | 22.4  | 1    | 371   | 97   | 55.0 |
| LG SEEDS               | LG5548STXRIB  |         |       |      |       |      | 206.1   | 21.5  | 1    | 343   | 99   | 212.2  | 22.9  | 0    | 344   | 99   | 209.1                      | 22.2  | 1    | 343   | 99   | 55.3 |
| LG SEEDS               | LG5618STXRIB  |         |       |      |       |      | 213.9   | 23.0  | 1    | 336   | 97   | 213.2  | 24.1  | 0    | 343   | 99   | 213.5                      | 23.5  | 0    | 340   | 98   | 55.5 |
| NK                     | NK0760-3111   | 225.3   | 17.7  | 1    | 358   | 99   | 213.3   | 20.1  | 0    | 355   | 98   | 195.0  | 21.1  | 2    | 351   | 98   | 204.1                      | 20.6  | 1    | 353   | 98   | 54.7 |
| NUTECH/G2 GENETICS     | 5F-510™       |         |       |      |       |      | 197.9   | 20.4  | 1    | 338   | 98   | 193.1  | 21.4  | 0    | 335   | 98   | 195.5                      | 20.9  | 0    | 336   | 98   | 58.4 |
| NUTECH/G2 GENETICS     | 5F-709™       |         |       |      |       |      | 192.6   | 19.6  | 0    | 324   | 94   | 200.4  | 20.9  | 1    | 333   | 97   | 196.5                      | 20.2  | 0    | 329   | 96   | 56.4 |
| NUTECH/G2 GENETICS     | 5H-806™       | 237.5   | 20.0  | 0    | 330   | 95   | 198.6   | 20.1  | 0    | 332   | 97   | 202.6  | 20.9  | 0    | 332   | 97   | 200.6                      | 20.5  | 0    | 332   | 97   | 56.8 |
| SEED CONSULTANTS       | SCS 10HR43™   | 243.7   | 19.6  | 0    | 333   | 97   | 202.9   | 19.6  | 0    | 336   | 98   | 206.4  | 20.5  | 1    | 331   | 97   | 204.7                      | 20.1  | 0    | 334   | 98   | 57.1 |
| T. A. SEEDS            | TA536-22DPRIB | 225.4   | 18.9  | 0    | 332   | 96   | 210.2   | 19.4  | 0    | 325   | 95   | 187.0  | 19.5  | 0    | 329   | 95   | 198.6                      | 19.4  | 0    | 327   | 95   | 58.2 |
| High<br>Average<br>Low |               | 258.0   | 20.4  | 1    | 376   | 99   | 214.1   | 23.2  | 2    | 372   | 99   | 215.7  | 24.4  | 4    | 369   | 99   | 213.5                      | 23.8  | 2    | 371   | 99   | 58.4 |
|                        |               | 234.1   | 19.0  | 0    | 352   | 97   | 204.1   | 20.6  | 0    | 348   | 97   | 198.0  | 21.5  | 1    | 348   | 98   | 201.1                      | 21.0  | 1    | 348   | 97   | 56.5 |
|                        |               | 225.3   | 17.4  | 0    | 330   | 95   | 192.6   | 18.7  | 0    | 324   | 94   | 168.5  | 19.2  | 0    | 329   | 95   | 183.4                      | 18.9  | 0    | 327   | 95   | 54.7 |

**TABLE 10. Combined regional summary of hybrid performance, 2017.**

| Brand              | Hybrid          | Western Ohio (6 Sites) |        |      |       |       |      | Statewide All Regions (8 Sites) |        |      |       |       |      |
|--------------------|-----------------|------------------------|--------|------|-------|-------|------|---------------------------------|--------|------|-------|-------|------|
|                    |                 | Yield                  | Harv.  | Stk. | Final | Emg.  | Test | Yield                           | Harv.  | Stk. | Final | Emg.  | Test |
|                    |                 | Bu/A                   | Mst.   | Ldg. | Std.  | --%-- | Lbs. | Bu/A                            | Mst.   | Ldg. | Std.  | --%-- | Lbs. |
|                    |                 |                        | -----% |      | 100/A |       |      |                                 | -----% |      | 100/A |       |      |
| AGRA SOLUTIONS     | KEY 806         | 244.3                  | 19.4   | 3    | 336   | 94    | 57.3 | 238.8                           | 19.8   | 3    | 335   | 95    | 57.1 |
| AGRA SOLUTIONS     | KEY 812Q        | 253.6                  | 22.2   | 1    | 343   | 98    | 55.5 | 243.7                           | 22.5   | 0    | 344   | 98    | 55.1 |
| BA Genetics        | BA18-08         | 253.6                  | 18.8   | 1    | 339   | 97    | 55.5 | 244.2                           | 19.6   | 1    | 341   | 97    | 54.9 |
| BA Genetics        | BA18-10         | 259.7                  | 20.2   | 1    | 336   | 96    | 56.8 | 261.7                           | 20.5   | 1    | 337   | 97    | 56.6 |
| BA Genetics        | BA18-11         | 255.3                  | 22.0   | 1    | 326   | 96    | 54.4 | 250.7                           | 22.6   | 2    | 327   | 96    | 54.1 |
| BA Genetics        | BA8484          | 260.7                  | 21.7   | 0    | 325   | 96    | 55.2 | 255.0                           | 22.4   | 1    | 327   | 97    | 54.9 |
| BECK'S             | 6082AM™*Brand   | 262.5                  | 20.6   | 1    | 312   | 89    | 55.5 | 253.3                           | 20.9   | 1    | 312   | 90    | 54.5 |
| BECK'S             | 6127A3          | 243.5                  | 22.0   | 0    | 298   | 85    | 56.1 | 236.5                           | 22.7   | 0    | 299   | 85    | 55.6 |
| CHANNEL            | 207-27STXRIB    | 258.7                  | 20.5   | 0    | 356   | 95    | 56.2 | 254.3                           | 21.2   | 0    | 360   | 96    | 55.5 |
| CHANNEL            | 209-15VT2PRIB   | 270.5                  | 20.3   | 0    | 363   | 97    | 55.9 | 261.0                           | 20.5   | 1    | 364   | 98    | 55.9 |
| CHANNEL            | 212-20STXRIB    | 259.9                  | 21.9   | 6    | 352   | 94    | 55.9 | 253.8                           | 22.1   | 4    | 353   | 94    | 56.1 |
| CHANNEL            | 214-45DGVT2PRIB | 243.1                  | 21.7   | 4    | 366   | 98    | 55.2 |                                 |        |      |       |       |      |
| DEKALB             | DKC55-20RIB     | 251.3                  | 17.7   | 0    | 354   | 96    | 55.4 | 252.0                           | 18.4   | 0    | 358   | 96    | 55.5 |
| DEKALB             | DKC57-97RIB     | 251.9                  | 19.4   | 1    | 348   | 93    | 56.9 | 249.3                           | 19.9   | 1    | 351   | 94    | 56.4 |
| DEKALB             | DKC58-06RIB     | 251.7                  | 20.0   | 4    | 358   | 95    | 56.4 | 249.2                           | 20.3   | 5    | 362   | 96    | 56.7 |
| DEKALB             | DKC59-50RIB     | 256.1                  | 20.1   | 6    | 353   | 95    | 56.4 | 252.1                           | 20.8   | 4    | 356   | 95    | 55.8 |
| DEKALB             | DKC61-54RIB     | 248.9                  | 21.5   | 5    | 364   | 96    | 56.2 | 245.9                           | 21.8   | 4    | 367   | 97    | 55.9 |
| DEKALB             | DKC62-20RIB     | 255.5                  | 21.1   | 3    | 362   | 97    | 54.8 | 253.1                           | 21.8   | 2    | 362   | 97    | 54.5 |
| DEKALB             | DKC63-60RIB     | 252.4                  | 21.9   | 2    | 358   | 96    | 56.6 | 253.6                           | 22.3   | 1    | 360   | 96    | 56.3 |
| DEKALB             | DKC64-34RIB     | 265.9                  | 23.0   | 1    | 356   | 95    | 55.1 | 251.5                           | 23.0   | 1    | 358   | 96    | 55.0 |
| DEKALB             | DKC64-87RIB     | 257.8                  | 21.7   | 2    | 361   | 97    | 56.0 | 257.2                           | 22.0   | 1    | 364   | 97    | 55.5 |
| DYNA-GRO           | D50VC30         | 262.1                  | 19.4   | 2    | 382   | 98    | 56.9 |                                 |        |      |       |       |      |
| DYNA-GRO           | D51SS54         | 272.8                  | 21.5   | 9    | 380   | 97    | 56.1 | 264.9                           | 21.8   | 6    | 379   | 97    | 55.6 |
| EBBERTS            | 6121VT2P        | 262.4                  | 22.0   | 2    | 361   | 94    | 55.0 |                                 |        |      |       |       |      |
| EBBERTS            | 628SSX RIB      | 253.2                  | 21.4   | 2    | 340   | 90    | 56.6 |                                 |        |      |       |       |      |
| EBBERTS            | 6770VT2P RIB    | 247.8                  | 20.0   | 7    | 344   | 91    | 55.6 |                                 |        |      |       |       |      |
| EBBERTS            | 6899VT2P        | 261.0                  | 19.9   | 2    | 361   | 95    | 57.5 |                                 |        |      |       |       |      |
| EBBERTS            | 6933VT2P RIB    | 248.0                  | 22.6   | 4    | 354   | 93    | 56.2 |                                 |        |      |       |       |      |
| EBBERTS            | 9137SSX RIB     | 256.6                  | 18.8   | 4    | 361   | 95    | 57.0 |                                 |        |      |       |       |      |
| EBBERTS            | 9292SSX RIB     | 253.9                  | 21.4   | 5    | 369   | 97    | 56.0 |                                 |        |      |       |       |      |
| EBBERTS            | 9577SSX         | 251.4                  | 19.3   | 1    | 350   | 92    | 57.5 |                                 |        |      |       |       |      |
| FS INVISION        | FS 57TX1 RIB    | 239.6                  | 19.0   | 2    | 337   | 96    | 56.8 | 238.4                           | 19.4   | 2    | 339   | 97    | 56.9 |
| FS INVISION        | FS 59VL1 EZR    | 252.6                  | 20.4   | 1    | 325   | 93    | 54.1 | 243.6                           | 20.3   | 1    | 326   | 94    | 53.0 |
| FS INVISION        | FS 60QV1 RIB    | 246.4                  | 20.2   | 2    | 317   | 92    | 56.2 | 246.2                           | 20.8   | 1    | 322   | 93    | 55.5 |
| FS INVISION        | FS 60ZX1 RIB    | 242.3                  | 20.7   | 5    | 337   | 97    | 56.8 | 237.9                           | 21.2   | 3    | 339   | 97    | 56.4 |
| FS INVISION        | FS 61SX1 RIB    | 254.8                  | 21.6   | 2    | 331   | 95    | 54.5 | 252.7                           | 22.1   | 2    | 334   | 96    | 54.5 |
| FS INVISION        | FS 62R44        | 250.0                  | 21.7   | 1    | 341   | 98    | 56.1 | 241.1                           | 22.0   | 0    | 340   | 98    | 55.8 |
| FS INVISION        | FS 63ZX1 RIB    | 244.7                  | 23.0   | 1    | 339   | 97    | 56.8 | 241.5                           | 23.3   | 1    | 342   | 97    | 56.1 |
| GOLDEN HARVEST     | G10T63-3120     | 259.1                  | 20.8   | 12   | 336   | 96    | 55.9 | 250.5                           | 20.9   | 8    | 338   | 97    | 55.9 |
| GOLDEN HARVEST     | G12W66-3000GT   | 255.1                  | 22.2   | 1    | 348   | 97    | 57.5 | 242.3                           | 22.2   | 1    | 345   | 96    | 56.7 |
| GREAT LAKES        | 5824STXRIB      | 255.1                  | 20.4   | 5    | 337   | 97    | 58.5 |                                 |        |      |       |       |      |
| GREAT LAKES        | 5910VT2PRO      | 246.1                  | 19.0   | 5    | 343   | 97    | 55.6 | 244.1                           | 19.4   | 4    | 343   | 98    | 55.7 |
| GREAT LAKES        | 5935STX         | 244.5                  | 20.5   | 6    | 333   | 95    | 56.0 | 237.4                           | 20.9   | 5    | 332   | 95    | 55.7 |
| GREAT LAKES        | 6224STX         | 250.4                  | 21.6   | 1    | 330   | 94    | 56.1 |                                 |        |      |       |       |      |
| GREAT LAKES        | 6401STXRIB      | 248.2                  | 22.9   | 1    | 341   | 96    | 56.5 | 245.5                           | 23.2   | 0    | 344   | 97    | 56.3 |
| LG SEEDS           | LG5530VT2Pro    | 243.1                  | 18.8   | 7    | 366   | 98    | 58.3 | 239.0                           | 19.0   | 5    | 366   | 98    | 58.9 |
| LG SEEDS           | LG5548STXRIB    | 265.8                  | 21.7   | 4    | 359   | 96    | 55.9 | 261.1                           | 21.9   | 3    | 363   | 97    | 55.6 |
| LG SEEDS           | LG5590VT2Pro    | 263.0                  | 21.2   | 1    | 349   | 94    | 54.8 | 252.4                           | 21.2   | 1    | 351   | 94    | 54.6 |
| LG SEEDS           | LG5606STX       | 252.5                  | 21.6   | 7    | 362   | 97    | 56.9 | 241.5                           | 22.1   | 5    | 365   | 98    | 56.9 |
| LG SEEDS           | LG5618STXRIB    | 246.4                  | 22.3   | 0    | 360   | 97    | 56.0 | 244.4                           | 22.5   | 0    | 362   | 98    | 55.9 |
| LG SEEDS           | LG5624STX       | 253.2                  | 21.9   | 1    | 341   | 89    | 55.4 |                                 |        |      |       |       |      |
| LG SEEDS           | LG5650VT2RIB    | 254.4                  | 21.8   | 3    | 357   | 96    | 57.2 |                                 |        |      |       |       |      |
| NK                 | NK1066-3120     | 251.9                  | 20.9   | 7    | 328   | 94    | 56.5 | 246.8                           | 21.1   | 5    | 333   | 96    | 56.2 |
| NK                 | NK1284-3000GT   | 247.5                  | 22.2   | 1    | 346   | 97    | 56.0 | 240.6                           | 22.4   | 0    | 346   | 97    | 55.8 |
| NK                 | NK1452-3120     | 253.9                  | 22.8   | 5    | 346   | 96    | 54.6 | 245.1                           | 23.1   | 3    | 345   | 96    | 53.8 |
| NUTECH/G2 GENETICS | 5F-510™         | 261.5                  | 21.3   | 5    | 339   | 96    | 57.3 | 250.4                           | 21.3   | 4    | 339   | 97    | 57.2 |
| NUTECH/G2 GENETICS | 5F-713™         | 256.6                  | 21.9   | 1    | 336   | 96    | 55.6 | 249.5                           | 21.6   | 1    | 337   | 96    | 55.5 |

TABLE 10. Combined regional summary of hybrid performance, 2017. Continued.

| Brand              | Hybrid        | Western Ohio (7 Sites) |             |      |       |       |      | Statewide All Regions (10 Sites) |       |      |       |       |      |
|--------------------|---------------|------------------------|-------------|------|-------|-------|------|----------------------------------|-------|------|-------|-------|------|
|                    |               | Yield                  | Harv.       | Stk. | Final | Test  | Wt.  | Yield                            | Harv. | Stk. | Final | Test  | Wt.  |
|                    |               | Bu/A                   | Mst.        | Ldg. | Std.  | Emg.  |      | Bu/A                             | Mst.  | Ldg. | Std.  | Emg.  |      |
|                    |               |                        | -----%----- |      | 100/A | --%-- | Lbs. |                                  |       |      | 100/A | --%-- | Lbs. |
| NUTECH/G2 GENETICS | 5FB-1010™     | 251.6                  | 20.4        | 2    | 323   | 93    | 56.7 | 241.6                            | 20.5  | 2    | 328   | 94    | 56.6 |
| NUTECH/G2 GENETICS | X5FN1305      | 246.3                  | 21.4        | 8    | 340   | 96    | 54.5 | 243.8                            | 22.3  | 6    | 340   | 96    | 54.0 |
| NUTECH/G2 GENETICS | X5FN1306      | 268.5                  | 22.4        | 3    | 336   | 96    | 54.9 | 261.6                            | 22.5  | 2    | 337   | 96    | 54.3 |
| NUTECH/G2 GENETICS | X5NN1212      | 259.2                  | 21.9        | 1    | 340   | 96    | 54.8 | 251.0                            | 22.5  | 1    | 340   | 96    | 54.7 |
| RUPP               | XR D10-01     | 249.6                  | 19.5        | 1    | 339   | 96    | 56.0 |                                  |       |      |       |       |      |
| RUPP               | XR D11-57     | 244.7                  | 20.4        | 8    | 323   | 93    | 58.0 |                                  |       |      |       |       |      |
| RUPP               | XR D12-49     | 255.7                  | 21.9        | 1    | 333   | 94    | 52.8 |                                  |       |      |       |       |      |
| RUPP               | XR D14-48     | 248.4                  | 22.5        | 2    | 315   | 90    | 55.9 | 239.8                            | 22.7  | 2    | 318   | 91    | 55.7 |
| SEED CONSULTANTS   | SCS 1087YHR™  | 265.4                  | 19.5        | 1    | 317   | 96    | 55.8 | 259.2                            | 19.9  | 0    | 316   | 96    | 55.6 |
| SHUR GROW          | SG 716VT2PRIB | 235.7                  | 19.1        | 4    | 352   | 94    | 56.7 |                                  |       |      |       |       |      |
| SHUR GROW          | SG 727VT2PRIB | 236.3                  | 20.2        | 4    | 330   | 93    | 55.2 |                                  |       |      |       |       |      |
| STEWART SEEDS      | 8E623RIB      | 261.5                  | 21.9        | 7    | 365   | 97    | 53.9 |                                  |       |      |       |       |      |
| VIKING             | O.42-08       | 246.5                  | 18.8        | 2    | 340   | 98    | 55.1 |                                  |       |      |       |       |      |
| VIKING             | O.74-10GS     | 242.4                  | 21.4        | 4    | 336   | 96    | 54.1 |                                  |       |      |       |       |      |
| WELLMAN SEEDS      | W 2609DP      | 243.3                  | 20.4        | 6    | 322   | 93    | 55.7 | 242.0                            | 21.1  | 4    | 322   | 93    | 55.1 |
| WELLMAN SEEDS      | W 2705DP      | 246.8                  | 18.1        | 1    | 328   | 94    | 58.2 | 241.3                            | 18.3  | 1    | 328   | 94    | 57.8 |
| WELLMAN SEEDS      | W 2708        | 261.0                  | 19.5        | 2    | 327   | 94    | 57.1 |                                  |       |      |       |       |      |
| WELLMAN SEEDS      | W 2807DP      | 247.6                  | 18.7        | 0    | 320   | 92    | 56.3 | 247.3                            | 18.9  | 0    | 319   | 92    | 56.6 |
| WELLMAN SEEDS      | W 2812DP      | 256.0                  | 21.9        | 1    | 333   | 95    | 55.2 | 249.3                            | 22.1  | 1    | 338   | 96    | 54.7 |
| <b>High</b>        |               | 272.8                  | 23.0        | 12   | 382   | 98    | 58.5 | 264.9                            | 23.3  | 8    | 379   | 98    | 58.9 |
| <b>Average</b>     |               | 253.0                  | 20.9        | 3    | 343   | 95    | 56.0 | 248.1                            | 21.3  | 2    | 343   | 96    | 55.7 |
| <b>Low</b>         |               | 235.7                  | 17.7        | 0    | 298   | 85    | 52.8 | 236.5                            | 18.3  | 0    | 299   | 85    | 53.0 |
| <b>LSD .10</b>     |               | 11.0                   | 0.7         | NS   | 8     | 2     | 0.7  | 9.8                              | 0.7   | NS   | 6     | 2     | 0.6  |

TABLE 11. Seed source, table location, technology traits and seed treatments for hybrids tested in 2017.

| Brand               | Seed Source                                                                                                                | Hybrid No.     | ---Table No.--- | Technology<br>Traits* | Fungicide<br>Seed Treatment | Insecticide/Nematicide<br>Seed Treatment/Rate |
|---------------------|----------------------------------------------------------------------------------------------------------------------------|----------------|-----------------|-----------------------|-----------------------------|-----------------------------------------------|
| AGRA<br>SOLUTIONS   | AGRA SOLUTIONS, LLC<br>23778 DELPHOS JENNINGS RD.<br>DELPHOS, OH 45833<br>888-695-5503<br>agrasolutions.com                | KEY 806        | 1E, 4E, 7E, 10  | NonGMO<br>GT,CB,RW,LL | ENCASE for Corn             | VARNIMO                                       |
|                     |                                                                                                                            | KEY 812Q       | 1L, 4L, 7L, 10  |                       | ENCASE for Corn             | VARNIMO                                       |
| AGRIGOLD<br>HYBRIDS | AGRIGOLD<br>5381 AKIN RD.<br>ST. FRANCISVILLE, IL 62460<br>800-262-7333<br>agrigold.com                                    | A626VT2RIB     | 7E              | RR,CB                 |                             | Poncho 500 / Votivo                           |
|                     |                                                                                                                            | A6346VT2RIB    | 7E              | RR,CB                 |                             | Poncho 500 / Votivo                           |
|                     |                                                                                                                            | A6351VT2RIB    | 7E              | RR,CB                 |                             | Poncho 500 / Votivo                           |
|                     |                                                                                                                            | A635-54VT2Pro  | 7E              | RR,CB                 |                             | Poncho 500 / Votivo                           |
|                     |                                                                                                                            | A6355VT2RIB    | 7E              | RR,CB                 |                             | Poncho 500 / Votivo                           |
|                     |                                                                                                                            | A639-40VT2PRO  | 1E, 7L          | RR,CB                 |                             | Poncho 500 / Votivo                           |
|                     |                                                                                                                            | A640-77VT2PRO  | 1E, 7L          | RR,CB                 |                             | Poncho 500 / Votivo                           |
|                     |                                                                                                                            | A642-59STX     | 1L              | RR,CB,RW,LL           |                             | Poncho 500 / Votivo                           |
|                     |                                                                                                                            | A645-10VT2RIB  | 1L              | RR,CB                 |                             | Poncho 500 / Votivo                           |
|                     |                                                                                                                            | A6499STXRIB    | 1L, 7L          | RR,CB,RW,LL           |                             | Poncho 500 / Votivo                           |
|                     |                                                                                                                            | A6572VT2RIB    | 1L              | RR,CB                 |                             | Poncho 500 / Votivo                           |
|                     |                                                                                                                            | A6579VT2RIB    | 1L              | RR,CB                 |                             | Poncho 500 / Votivo                           |
| BA GENETICS         | BA GENETICS<br>2180 PINE RD.<br>CELINA, OH 45822<br>419-305-5481<br>bagenetics.us                                          | BA18-03        | 4E, 7E          | RR,CB                 | Acceleron                   | Poncho 500                                    |
|                     |                                                                                                                            | BA18-08        | 1E, 4E, 7E, 10  | RR,CB                 | Acceleron                   | Poncho 500                                    |
|                     |                                                                                                                            | BA18-10        | 1E, 4L, 7L, 10  | RR,CB                 | Acceleron                   | Poncho 500                                    |
|                     |                                                                                                                            | BA18-11        | 1E, 4L, 7L, 10  | RR,CB,RW,LL           | Acceleron                   | Poncho 500                                    |
|                     |                                                                                                                            | BA18-15        | 1L              | RR,CB,RW,LL           | Acceleron                   | Poncho 500                                    |
|                     |                                                                                                                            | BA8341         | 4E, 7E          | RR,CB,RW,LL           | Acceleron                   | Poncho 500                                    |
|                     |                                                                                                                            | BA8484         | 1L, 4L, 7L, 10  | RR                    | Acceleron                   | Poncho 500                                    |
|                     |                                                                                                                            | BA8490         | 1L              | RR,CB                 | Acceleron                   | Poncho 500                                    |
| BECK                | BECK'S HYBRIDS<br>6767 E. 276TH ST.<br>ATLANTA, IN 46031<br>800-937-2325<br>beckshybrids.com                               | 5140HR™*Brand  | 4E, 7E          | RR,CB,LL              | Escalate                    |                                               |
|                     |                                                                                                                            | 5840AM™*Brand  | 1E              | RR,CB,LL              | Escalate                    |                                               |
|                     |                                                                                                                            | 6082AM™*Brand  | 1E, 4L, 7L, 10  | RR,CB,LL              | Escalate                    |                                               |
|                     |                                                                                                                            | 6127A3         | 1E, 4L, 7L, 10  | GT,CB,RW,LL           | Escalate                    |                                               |
|                     |                                                                                                                            | 6365AM™*Brand  | 1L              | RR,CB,LL              | Escalate                    |                                               |
|                     |                                                                                                                            | 6589V2P        | 1L              | RR,CB                 | Escalate                    |                                               |
| CHANNEL             | CHANNEL SEED<br>800 N. LINDBERGH BLVD.<br>ST. LOUIS, MO 63167<br>419-569-8591<br>channel.com                               | 205-17VT2PRIB  | 7E              | RR,CB                 | Acceleron                   | Poncho 500 / Votivo                           |
|                     |                                                                                                                            | 205-19STXRIB   | 4E              | RR,CB,RW,LL           | Acceleron                   | Poncho 500 / Votivo                           |
|                     |                                                                                                                            | 207-27STXRIB   | 1E, 4E, 7E, 10  | RR,CB,RW,LL           | Acceleron                   | Poncho 500 / Votivo                           |
|                     |                                                                                                                            | 209-15VT2PRIB  | 1E, 4L, 7L, 10  | RR,CB                 | Acceleron                   | Poncho 500 / Votivo                           |
|                     |                                                                                                                            | 210-26VT2PRIB  | 1E, 7L          | RR,CB                 | Acceleron                   | Poncho 500 / Votivo                           |
|                     |                                                                                                                            | 210-26STXRIB   | 4L              | RR,CB,RW,LL           | Acceleron                   | Poncho 500 / Votivo                           |
|                     |                                                                                                                            | 212-20STXRIB   | 1L, 4L, 7L, 10  | RR,CB,RW,LL           | Acceleron                   | Poncho 500 / Votivo                           |
|                     |                                                                                                                            | 213-19STXRIB   | 4L, 7L          | RR,CB,RW,LL           | Acceleron                   | Poncho 500 / Votivo                           |
|                     |                                                                                                                            | 213-19VT2PRIB  | 1L              | RR,CB                 | Acceleron                   | Poncho 500 / Votivo                           |
|                     |                                                                                                                            | 214-45DGV2PRIB | 1L, 4L, 10      | RR,CB,DT              | Acceleron                   | Poncho 500 / Votivo                           |
|                     |                                                                                                                            | 216-36DGV2PRIB | 1L              | RR,CB,DT              | Acceleron                   | Poncho 500 / Votivo                           |
|                     |                                                                                                                            | 217-92VT2PRIB  | 1L              | RR,CB                 | Acceleron                   | Poncho 500 / Votivo                           |
| DAIRYLAND<br>SEED   | DAIRYLAND SEED<br>P.O. BOX 958<br>WEST BEND, WI 53095<br>800-236-0163<br>dairylandseed.com                                 | DS-7513        | 4L              | RR,CB,LL              | Intego                      | Cruiser 500                                   |
|                     |                                                                                                                            | DS-9412SSX     | 4L              | RR,CB,RW,LL           | Intego                      | Cruiser 500                                   |
|                     |                                                                                                                            | DS-9508RA      | 4E              | RR,CB,RW,LL           | Intego                      | Cruiser 500                                   |
|                     |                                                                                                                            | DS-9510SSX     | 4L              | RR,CB,RW,LL           | Intego                      | Cruiser 500                                   |
| DEKALB              | MONSANTO<br>800 N. LINDBERGH BLVD.<br>ST. LOUIS, MO 63167<br>800-768-6387<br>aganytime.com                                 | DKC53-56RIB    | 4E, 7E          | RR,CB,RW,LL,CEW       | Acceleron                   | Poncho 500 / Votivo                           |
|                     |                                                                                                                            | DKC54-38RIB    | 4E, 7E          | RR,CB,RW,LL,CEW       | Acceleron                   | Poncho 500 / Votivo                           |
|                     |                                                                                                                            | DKC55-20RIB    | 1E, 4E, 7E, 10  | RR,CB,RW,LL,CEW       | Acceleron                   | Poncho 500 / Votivo                           |
|                     |                                                                                                                            | DKC57-97RIB    | 1E, 4E, 7E, 10  | RR,CB,RW,LL,CEW       | Acceleron                   | Poncho 500 / Votivo                           |
|                     |                                                                                                                            | DKC58-06RIB    | 1E, 4E, 7E, 10  | RR,CB,RW,LL,CEW       | Acceleron                   | Poncho 500 / Votivo                           |
|                     |                                                                                                                            | DKC59-50RIB    | 1E, 4L, 7L, 10  | RR,CB                 | Acceleron                   | Poncho 500 / Votivo                           |
|                     |                                                                                                                            | DKC61-54RIB    | 1E, 4L, 7L, 10  | RR,CB,RW,LL,CEW       | Acceleron                   | Poncho 500 / Votivo                           |
|                     |                                                                                                                            | DKC62-20RIB    | 1L, 4L, 7L, 10  | RR,CB                 | Acceleron                   | Poncho 500 / Votivo                           |
|                     |                                                                                                                            | DKC63-60RIB    | 1L, 4L, 7L, 10  | RR,CB,RW,LL,CEW       | Acceleron                   | Poncho 500 / Votivo                           |
|                     |                                                                                                                            | DKC64-34RIB    | 1L, 4L, 7L, 10  | RR,CB,RW,LL,CEW       | Acceleron                   | Poncho 500 / Votivo                           |
|                     |                                                                                                                            | DKC64-87RIB    | 1L, 4L, 7L, 10  | RR,CB,RW,LL,CEW       | Acceleron                   | Poncho 500 / Votivo                           |
| DOEBLER'S           | DOEBLER'S PA HYBRIDS INC.<br>1000 COMMERCE PARK DR.,<br>SUITE 106<br>WILLIAMSPORT, PA 17701<br>570-753-3210<br>doebler.com | RPM® 4115AMXT™ | 7E              | RR,CB,RW,LL           | Maxim Quattro               | Cruiser 250                                   |
|                     |                                                                                                                            | RPM® 4318AM™   | 7E              | RR,CB,LL              | Maxim Quattro               | Cruiser 250                                   |
|                     |                                                                                                                            | RPM® 4417AMXT™ | 7E              | RR,CB,RW,LL           | Maxim Quattro               | Cruiser 250                                   |
|                     |                                                                                                                            | RPM® 4917AM™   | 7L              | RR,CB,LL              | Maxim Quattro               | Cruiser 250                                   |
|                     |                                                                                                                            | RPM® 5018AM™   | 7L              | RR,CB,LL              | Maxim Quattro               | Poncho 500 / Votivo                           |
|                     |                                                                                                                            | RPM® 5125AM™   | 7L              | RR,CB,LL              | Maxim Quattro               | Poncho 500 / Votivo                           |
|                     |                                                                                                                            | RPM® 5518AM™   | 7L              | RR,CB,LL              | Maxim Quattro               | Poncho 500 / Votivo                           |
| DYNA-GRO            | DYNA-GRO SEED<br>40 EXECUTIVE DRIVE, SUITE E<br>CARMEL, IN 46032<br>317-844-5967<br>dynagroseed.com                        | D47VC29        | 4E              | RR,CB                 | Acceleron                   | Poncho 500 / Votivo                           |
|                     |                                                                                                                            | D48SS38        | 4E, 7E          | RR,CB,RW,LL           | Acceleron                   | Poncho 500 / Votivo                           |
|                     |                                                                                                                            | D49VC39        | 1E, 7L          | RR,CB                 | Acceleron                   | Poncho 500 / Votivo                           |
|                     |                                                                                                                            | D50VC30        | 1E, 4L, 10      | RR,CB                 | Acceleron                   | Poncho 500 / Votivo                           |
|                     |                                                                                                                            | D51SS54        | 1E, 4L, 7L, 10  | RR,CB,RW,LL           | Acceleron                   | Poncho 500 / Votivo                           |
|                     |                                                                                                                            | D54VC14        | 1L              | RR,CB                 | Acceleron                   | Poncho 500 / Votivo                           |
|                     |                                                                                                                            | D54VC52        | 1L              | RR,CB                 | Acceleron                   | Poncho 500 / Votivo                           |
| EBBERTS             | EBBERTS FIELD SEEDS, INC.<br>6840 NORTH St. Rt. 48<br>COVINGTON, OH 45318<br>937-473-2521<br>ebbertsseeds.com              | 6121VT2P       | 1E, 4L, 10      | RR,CB,CEW             | Acceleron                   | Poncho 500 / Votivo                           |
|                     |                                                                                                                            | 628SSX RIB     | 1L, 4L, 10      | RR,CB,RW,LL,CEW       | Acceleron                   | Poncho 500 / Votivo                           |
|                     |                                                                                                                            | 6466VT2P RIB   | 4E              | RR,CB,CEW             | Acceleron                   | Poncho 250                                    |
|                     |                                                                                                                            | 6770VT2P RIB   | 1E, 4L, 10      | RR,CB,CEW             | Acceleron                   | Poncho 250                                    |
|                     |                                                                                                                            | 6899VT2P       | 1E, 4L, 10      | RR,CB,CEW             | Acceleron                   | Poncho 500 / Votivo                           |
|                     |                                                                                                                            | 6933VT2P RIB   | 1L, 4L, 10      | RR,CB,CEW             | Acceleron                   | Poncho 250                                    |
|                     |                                                                                                                            | 9137SSX RIB    | 1E, 4E, 10      | RR,CB,RW,LL,CEW       | Acceleron                   | Poncho 500 / Votivo                           |
|                     |                                                                                                                            | 9292SSX RIB    | 1L, 4L, 10      | RR,CB,RW,LL,CEW       | Acceleron                   | Poncho 500 / Votivo                           |
|                     |                                                                                                                            | 9577SSX        | 1E, 4E, 10      | RR,CB,RW,LL,CEW       | Acceleron                   | Poncho 500 / Votivo                           |

\*CB, RW, CEW - Corn Borer, Rootworm, Ear Worm Resistance; RR, GT - Glyphosate Tolerant; LL - Liberty Link; VIP - Viptera; DT - Drought Tolerant; NON-GMO - No Transgenic Traits

TABLE 11. Seed source, table location, technology traits and seed treatments for hybrids tested in 2017. Continued

| Brand                | Seed Source                                                                                                           | Hybrid No.    | ---Table No.--- | Technology Traits* | Fungicide Seed Treatment   | Insecticide/Nematicide Seed Treatment/Rate |
|----------------------|-----------------------------------------------------------------------------------------------------------------------|---------------|-----------------|--------------------|----------------------------|--------------------------------------------|
| FS INVISION          | GROWMARK, INC.<br>1701 TOWANDA AVE.<br>BLOOMINGTON, IL 61701<br>309-557-6234<br>growmark.com                          | FS 52RL0 EZR  | 4E, 7E          | GT,CB              | Cruiser / Vibrance         | Cruiser 250 / Avicta                       |
|                      |                                                                                                                       | FS 54ZX1 RIB  | 4E, 7E          | RR,CB,RW,LL,CEW    | Acceleron                  | Poncho 500 / Votivo                        |
|                      |                                                                                                                       | FS 55TX1 RIB  | 4E, 7E          | RR,CB,RW,LL,CEW    | Acceleron                  | Poncho 500 / Votivo                        |
|                      |                                                                                                                       | FS 57TX1 RIB  | 1E, 4E, 7E, 10  | RR,CB,RW,LL,CEW    | Acceleron                  | Poncho 500 / Votivo                        |
|                      |                                                                                                                       | FS 59VL1 EZR  | 1E, 4L, 7L, 10  | GT,CB,VIP          | Cruiser / Vibrance         | Cruiser 250                                |
|                      |                                                                                                                       | FS 60QV1 RIB  | 1E, 4L, 7L, 10  | RR,CB,CEW          | Acceleron                  | Poncho 250                                 |
|                      |                                                                                                                       | FS 60ZX1 RIB  | 1E, 4L, 7L, 10  | RR,CB,RW,LL,CEW    | Acceleron                  | Poncho 500 / Votivo                        |
|                      |                                                                                                                       | FS 61SX1 RIB  | 1E, 4L, 7L, 10  | RR,CB,RW,LL,CEW    | Acceleron                  | Poncho 500 / Votivo                        |
|                      |                                                                                                                       | FS 62R44      | 1L, 4L, 7L, 10  | GT,CB,RW,LL        | Cruiser / Vibrance         | Cruiser 500 / Avicta                       |
|                      |                                                                                                                       | FS 63ZX1 RIB  | 1L, 4L, 7L, 10  | RR,CB,RW,LL,CEW    | Acceleron                  | Poncho 500 / Votivo                        |
|                      |                                                                                                                       | FS 64SX1 RIB  | 1L              | RR,CB,RW,LL,CEW    | Acceleron                  | Poncho 500 / Votivo                        |
|                      |                                                                                                                       |               |                 |                    |                            |                                            |
| GOLDEN HARVEST BRAND | GOLDEN HARVEST BRAND<br>7934 BEARS PASS<br>CHURUBUSCO, IN 46723<br>800-445-0956<br>syngenta.com                       | G03C84-3120   | 4E, 7E          | GT,CB,LL           | Avicta Complete w/Vibrance | Cruiser 250 / Avicta                       |
|                      |                                                                                                                       | G05B91-3010   | 4E, 7E          | GT,CB,LL           | Avicta Complete w/Vibrance | Cruiser 250 / Avicta                       |
|                      |                                                                                                                       | G07F23-3111   | 4E, 7E          | GT,CB,RW,LL,VIP    | Avicta Complete w/Vibrance | Cruiser 250 / Avicta                       |
|                      |                                                                                                                       | G09A86-3111   | 4L, 7L          | GT,CB,RW,LL,VIP    | Avicta Complete w/Vibrance | Cruiser 500 / Avicta                       |
|                      |                                                                                                                       | G09Y24-3220A  | 4L, 7L          | GT,CB,LL,VIP, DT   | Avicta Complete w/Vibrance | Cruiser 500 / Avicta                       |
|                      |                                                                                                                       | G10T63-3120   | 1E, 4L, 7L, 10  | GT,CB,LL           | Avicta Complete w/Vibrance | Cruiser 500 / Avicta                       |
|                      |                                                                                                                       | G12W66-3000GT | 1L, 4L, 7L, 10  | GT,CB,RW,LL        | Avicta Complete w/Vibrance | Cruiser 500 / Avicta                       |
|                      |                                                                                                                       | G14R38-3120   | 1L              | GT,CB,LL           | Avicta Complete w/Vibrance | Cruiser 500 / Avicta                       |
|                      |                                                                                                                       | G14Y81-3000GT | 1L              | GT,CB,RW,LL        | Avicta Complete w/Vibrance | Cruiser 500 / Avicta                       |
|                      |                                                                                                                       | G15L32-3111   | 1L              | GT,CB,RW,LL,VIP    | Avicta Complete w/Vibrance | Cruiser 500 / Avicta                       |
|                      |                                                                                                                       |               |                 |                    |                            |                                            |
|                      |                                                                                                                       |               |                 |                    |                            |                                            |
| GREAT LAKES HYBRIDS  | GREAT LAKES HYBRIDS<br>9915 W. M-21<br>OVID, MI 48866<br>800-257-SEED<br>greatlakeshybrids.com                        | 5556VT2PRIB   | 4E, 7E          | RR,CB,CEW          | Acceleron                  | Poncho 500 / Votivo                        |
|                      |                                                                                                                       | 5626VT2PRO    | 4E, 7E          | RR,CB,CEW          | Acceleron                  | Poncho 500 / Votivo                        |
|                      |                                                                                                                       | 5824STXRIB    | 1E, 4E, 10      | RR,CB,RW,LL,CEW    | Acceleron                  | Poncho 500 / Votivo                        |
|                      |                                                                                                                       | 5910VT2PRO    | 1E, 4L, 7L, 10  | RR,CB,CEW          | Acceleron                  | Poncho 500 / Votivo                        |
|                      |                                                                                                                       | 5935STX       | 1E, 4L, 7L, 10  | RR,CB,RW,LL,CEW    | Acceleron                  | Poncho 500 / Votivo                        |
|                      |                                                                                                                       | 6185STXRIB    | 1E              | RR,CB,RW,LL,CEW    | Acceleron                  | Poncho 500 / Votivo                        |
|                      |                                                                                                                       | 6224STX       | 1L, 4L, 10      | RR,CB,RW,LL,CEW    | Acceleron                  | Poncho 500 / Votivo                        |
|                      |                                                                                                                       | 6401STXRIB    | 1L, 4L, 7L, 10  | RR,CB,RW,LL,CEW    | Acceleron                  | Poncho 500 / Votivo                        |
|                      |                                                                                                                       | 6571VT2PRIB   | 1L              | RR,CB,CEW          | Acceleron                  | Poncho 500 / Votivo                        |
|                      |                                                                                                                       |               |                 |                    |                            |                                            |
|                      |                                                                                                                       |               |                 |                    |                            |                                            |
|                      |                                                                                                                       |               |                 |                    |                            |                                            |
| GRO-MOR              | LUCKEY FARMERS, INC.<br>1200 W. MAIN ST., PO BOX 217<br>WOODVILLE, OH 43469<br>419-849-2711<br>luckeyfarmers.com      | 58V76         | 4E              | GT,CB,LL,VIP       | Cruiser Max                | Cruiser 500                                |
|                      |                                                                                                                       | 60V86EZ       | 4L              | GT,CB,LL,VIP       | Cruiser Max                | Cruiser 500                                |
|                      |                                                                                                                       | 62G17         | 4L              | GT                 | Cruiser Max                | Cruiser 500                                |
|                      |                                                                                                                       |               |                 |                    |                            |                                            |
| HUBNER SEED          | HUBNER SEED<br>306 N. MAIN ST.<br>MONTICELLO, IN 47960<br>800-328-4428<br>hubnerseed.com                              | H6257RCSS     | 7E              | RR,CB,RW,LL,CEW    | Acceleron                  | Poncho 500 / Votivo                        |
|                      |                                                                                                                       | H6394RCSS     | 7E              | RR,CB,RW,LL,CEW    | Acceleron                  | Poncho 500 / Votivo                        |
|                      |                                                                                                                       | H6663RCSS     | 7L              | RR,CB,RW,LL,CEW    | Acceleron                  | Poncho 500 / Votivo                        |
|                      |                                                                                                                       | H6755RCSS     | 7L              | RR,CB,RW,LL,CEW    | Acceleron                  | Poncho 500 / Votivo                        |
| LG SEEDS             | LG SEEDS<br>22827 SHISSLER RD.<br>ELMWOOD, IL 61529<br>800-752-6847<br>lgseeds.com                                    | LG5520STXRIB  | 4E, 7E          | RR,CB,RW,LL,CEW    | Acceleron                  | Poncho 500 / Votivo                        |
|                      |                                                                                                                       | LG5525VTPro   | 4E, 7E          | RR,CB,CEW          | Acceleron                  | Poncho 500 / Votivo                        |
|                      |                                                                                                                       | LG5530VT2Pro  | 1E, 4E, 7E, 10  | RR,CB,CEW          | Acceleron                  | Poncho 500 / Votivo                        |
|                      |                                                                                                                       | LG5548STXRIB  | 1E, 4L, 7L, 10  | RR,CB,RW,LL,CEW    | Acceleron                  | Poncho 500 / Votivo                        |
|                      |                                                                                                                       | LG5565STXRIB  | 4E, 7E          | RR,CB,RW,LL,CEW    | Acceleron                  | Poncho 500 / Votivo                        |
|                      |                                                                                                                       | LG5590VT2Pro  | 1E, 4L, 7L, 10  | RR,CB,CEW          | Acceleron                  | Poncho 500 / Votivo                        |
|                      |                                                                                                                       | LG5606STX     | 1E, 4L, 7L, 10  | RR,CB,RW,LL,CEW    | Acceleron                  | Poncho 500 / Votivo                        |
|                      |                                                                                                                       | LG5618STXRIB  | 1L, 4L, 7L, 10  | RR,CB,RW,LL,CEW    | Acceleron                  | Poncho 500 / Votivo                        |
|                      |                                                                                                                       | LG5624STX     | 1L, 4L, 10      | RR,CB,RW,LL,CEW    | Acceleron                  | Poncho 500 / Votivo                        |
|                      |                                                                                                                       | LG5643VT2RIB  | 1L              | RR,CB,CEW          | Acceleron                  | Poncho 500 / Votivo                        |
|                      |                                                                                                                       | LG5650VT2RIB  | 1L, 4L, 10      | RR,CB,CEW          | Acceleron                  | Poncho 500 / Votivo                        |
|                      |                                                                                                                       |               |                 |                    |                            |                                            |
| NK BRAND             | NK BRAND<br>7934 BEARS PASS<br>CHURUBUSCO, IN 46723<br>800-445-0956<br>syngenta.com                                   | NK0327-3120   | 4E, 7E          | GT,CB,LL           | Avicta Complete w/Vibrance | Cruiser 250 / Avicta                       |
|                      |                                                                                                                       | NK0760-3111   | 4E, 7E          | GT,CB,RW,LL,VIP    | Avicta Complete w/Vibrance | Cruiser 250 / Avicta                       |
|                      |                                                                                                                       | NK1066-3120   | 1E, 4L, 7L, 10  | GT,CB,LL           | Avicta Complete w/Vibrance | Cruiser 500 / Avicta                       |
|                      |                                                                                                                       | NK1284-3000GT | 1L, 4L, 7L, 10  | GT,CB,RW,LL        | Avicta Complete w/Vibrance | Cruiser 500 / Avicta                       |
|                      |                                                                                                                       | NK1452-3120   | 1L, 4L, 7L, 10  | GT,CB,LL           | Avicta Complete w/Vibrance | Cruiser 500 / Avicta                       |
|                      |                                                                                                                       |               |                 |                    |                            |                                            |
| NUTECH SEED          | NUTECH SEED, LLC<br>2321 NORTH LOOP DRIVE<br>AMES, IA 50010<br>800-942-6748<br>nutechseed.com                         | 5F-308™       | 4E, 7E          | RR,CB,LL           | Maxim                      | Poncho 500 / Votivo                        |
|                      |                                                                                                                       | 5F-504™       | 4E, 7E          | RR,CB,LL           | Maxim                      | Poncho 500 / Votivo                        |
|                      |                                                                                                                       | 5F-510™       | 1E, 4L, 7L, 10  | RR,CB,LL           | Maxim                      | Poncho 500 / Votivo                        |
|                      |                                                                                                                       | 5F-709™       | 4L, 7L          | RR,CB,LL           | Maxim                      | Poncho 500 / Votivo                        |
|                      |                                                                                                                       | 5F-713™       | 1L, 4L, 7L, 10  | RR,CB,LL           | Maxim                      | Poncho 500 / Votivo                        |
|                      |                                                                                                                       | 5FB-1010™     | 1E, 4L, 7L, 10  | RR,CB,LL           | Maxim                      | Poncho 500 / Votivo                        |
|                      |                                                                                                                       | 5H-806™       | 4E, 7E          | RR,CB,LL           | Maxim                      | Poncho 500 / Votivo                        |
|                      |                                                                                                                       | 5VN-4707™     | 4E, 7E          | GT,CB,RW,LL        | Maxim                      | Poncho 500 / Votivo                        |
|                      |                                                                                                                       | X5FN0909      | 4L, 7L          | RR,CB,LL           | Maxim                      | Cruiser 250                                |
|                      |                                                                                                                       | X5FN1305      | 1L, 4L, 7L, 10  | RR,CB,LL           | Maxim                      | Poncho 1250                                |
|                      |                                                                                                                       | X5FN1306      | 1L, 4L, 7L, 10  | RR,CB,LL           | Maxim                      | Poncho 1250                                |
|                      |                                                                                                                       | X5NN1212      | 1L, 4L, 7L, 10  | RR,CB,LL           | Maxim                      | Poncho 1250                                |
|                      |                                                                                                                       |               |                 |                    |                            |                                            |
|                      |                                                                                                                       |               |                 |                    |                            |                                            |
| RUPP                 | RUPP SEEDS, INC.<br>17919 CO. RD. B<br>WAUSEON, OH 43567<br>877-591-7333<br>ruppseeds.com                             | XR D00-51     | 7E              | RR,CB              | Maxim XL                   | Poncho 250                                 |
|                      |                                                                                                                       | XR D02-93     | 4E, 7E          | RR,CB              | Maxim XL                   | Poncho 250                                 |
|                      |                                                                                                                       | XR D06-70     | 4E, 7E          | RR,CB              | Maxim XL                   | Poncho 250                                 |
|                      |                                                                                                                       | XR D07-72     | 4E, 7E          | RR,CB              | Maxim XL                   | Poncho 250                                 |
|                      |                                                                                                                       | XR D09-35     | 4L              | RR,CB              | Maxim XL                   | Poncho 250                                 |
|                      |                                                                                                                       | XR D10-01     | 1E, 4L, 10      | RR,CB              | Maxim XL                   | Poncho 250                                 |
|                      |                                                                                                                       | XR D11-57     | 1E, 4L, 10      | RR,CB              | Maxim XL                   | Poncho 250                                 |
|                      |                                                                                                                       | XR D12-49     | 1L, 4L, 10      | RR,CB              | Maxim XL                   | Poncho 250                                 |
|                      |                                                                                                                       | XR D14-48     | 1L, 4L, 7L, 10  | RR,CB              | Maxim XL                   | Poncho 250                                 |
|                      |                                                                                                                       | XR J05-75     | 4E, 7E          | RR,CB,RW,LL        | Maxim XL                   | Poncho 500 / Votivo                        |
|                      |                                                                                                                       | XR J99-70     | 7E              | RR,CB,RW,LL        | Maxim XL                   | Poncho 500 / Votivo                        |
|                      |                                                                                                                       |               |                 |                    |                            |                                            |
|                      |                                                                                                                       |               |                 |                    |                            |                                            |
|                      |                                                                                                                       |               |                 |                    |                            |                                            |
| SEED CONSULTANTS     | SEED CONSULTANTS, INC.<br>648 MIAMI TRACE RD. SW<br>WASHINGTON C. H., OH 43160<br>800-708-2676<br>seedconsultants.com | SC 11AQ17™    | 1E              | GT,CB,RW,LL        |                            |                                            |
|                      |                                                                                                                       | SCS 1037YHR™  | 4E, 7E          | RR,CB,LL           |                            |                                            |
|                      |                                                                                                                       | SCS 1067YHR™  | 4E, 7E          | RR,CB,LL           |                            |                                            |
|                      |                                                                                                                       | SCS 1086YHR™  | 4E              | RR,CB,LL           |                            |                                            |
|                      |                                                                                                                       | SCS 1087YHR™  | 1E, 4E, 7E, 10  | RR,CB,LL           |                            |                                            |
|                      |                                                                                                                       | SCS 10HR43™   | 4E, 7E          | RR,CB,LL           |                            |                                            |
|                      |                                                                                                                       | SCS 1125YHR™  | 1L              | RR,CB,LL           |                            |                                            |
|                      |                                                                                                                       | SCS 1136YR™   | 1L              | RR,CB,LL           |                            |                                            |
|                      |                                                                                                                       | SCS 1158YHR™  | 1L              | RR,CB,LL           |                            |                                            |
|                      |                                                                                                                       | SCS 1168YHR™  | 1L              | RR,CB,LL           |                            |                                            |

\*CB, RW, CEW - Corn Borer, Rootworm, Ear Worm Resistance; RR, GT - Glyphosate Tolerant; LL - Liberty Link; VIP - Viptera; DT - Drought Tolerant; NON-GMO - No Transgenic Traits

TABLE 11. Seed source, table location, technology traits and seed treatments for hybrids tested in 2017. Continued

| Brand         | Seed Source                                                                                                | Hybrid No.    | ---Table No.--- | Technology  | Fungicide       | Insecticide/Nematicide |
|---------------|------------------------------------------------------------------------------------------------------------|---------------|-----------------|-------------|-----------------|------------------------|
|               |                                                                                                            |               |                 | Traits*     | Seed Treatment  | Seed Treatment/Rate    |
| SHUR GROW     | SHUR GROW<br>11177 TWP. RD. 133<br>WEST MANSFIELD, OH 43358<br>800-231-SEED<br>heritagecooperative.com     | SG 636VT2PRIB | 4E              | RR,CB       | Acceleron       | Poncho 250             |
|               |                                                                                                            | SG 657VT2PRIB | 4E              | RR,CB       | Acceleron       | Poncho 250             |
|               |                                                                                                            | SG 668SSRIB   | 1E              | RR,CB,RW,LL | Acceleron       | Poncho 250             |
|               |                                                                                                            | SG 677VT2PRIB | 4E              | RR,CB       | Acceleron       | Poncho 250             |
|               |                                                                                                            | SG 688VT2PRIB | 4L, 7E          | RR,CB       | Acceleron       | Poncho 250             |
|               |                                                                                                            | SG 695SSRIB   | 1E, 7L          | RR,CB,RW,LL | Acceleron       | Poncho 250             |
|               |                                                                                                            | SG 716VT2PRIB | 1E, 4L, 10      | RR,CB       | Acceleron       | Poncho 250             |
|               |                                                                                                            | SG 723VT2PRIB | 1E, 7L          | RR,CB       | Acceleron       | Poncho 250             |
|               |                                                                                                            | SG 727VT2PRIB | 1E, 4L, 10      | RR,CB       | Acceleron       | Poncho 250             |
|               |                                                                                                            | SG 734VT3PRIB | 1L, 7L          | RR,CB,RW    | Acceleron       | Poncho 250             |
|               |                                                                                                            | SG 748SSRIB   | 1L, 7L          | RR,CB,RW,LL | Acceleron       | Poncho 250             |
| STEWART SEEDS | STEWART SEEDS<br>2230 EAST CR 300 NORTH<br>GREENSBURG, IN 47240<br>800-365-SEED<br>stewartseeds.com        | 04SS288       | 4E              | RR,CB,RW,LL | Acceleron Elite | Poncho 500             |
|               |                                                                                                            | 06DP308       | 4E              | RR,CB       | Acceleron Elite | Poncho 500             |
|               |                                                                                                            | 08SS527       | 4E              | RR,CB,RW,LL | Acceleron Elite | Poncho 500             |
|               |                                                                                                            | 10DP457       | 1E              | RR,CB       | Acceleron Elite | Poncho 500             |
|               |                                                                                                            | 10SS457       | 4L              | RR,CB,RW,LL | Acceleron Elite | Poncho 500             |
|               |                                                                                                            | 11DP718       | 1E              | RR,CB       | Acceleron Elite | Poncho 500             |
|               |                                                                                                            | 11SS718       | 4L              | RR,CB,RW,LL | Acceleron Elite | Poncho 500             |
|               |                                                                                                            | 15DP438       | 1L              | RR,CB       | Acceleron Elite | Poncho 500             |
|               |                                                                                                            | 7A259RIB      | 4E              | RR,CB,RW,LL | Acceleron Elite | Poncho 500             |
|               |                                                                                                            | 7A837RIB      | 4L              | RR,CB,RW,LL | Acceleron Elite | Poncho 500             |
|               |                                                                                                            | 7E224RIB      | 4L              | RR,CB       | Acceleron Elite | Poncho 500             |
|               |                                                                                                            | 8A305RIB      | 4L              | RR,CB,RW,LL | Acceleron Elite | Poncho 500             |
|               |                                                                                                            | 8D503RIB      | 1L              | RR,CB,DT    | Acceleron Elite | Poncho 500             |
|               |                                                                                                            | 8E623RIB      | 1L, 4L, 10      | RR,CB       | Acceleron Elite | Poncho 500             |
|               |                                                                                                            | 8E663RIB      | 1L              | RR,CB       | Acceleron Elite | Poncho 500             |
| T.A. SEEDS    | T.A. SEEDS<br>39 SEEDS LANE<br>JERSEY SHORE, PA 17740<br>570-753-5503<br>taseeds.com                       | TA536-22DPRIB | 7E              | RR,CB       | Avicta Complete | Cruiser 500            |
|               |                                                                                                            | TA547-22DPRIB | 1E, 7E          | RR,CB       | Avicta Complete | Cruiser 500            |
|               |                                                                                                            | TA583-28RIB   | 1E              | RR,CB,RW,LL | Avicta Complete | Cruiser 500            |
|               |                                                                                                            | TA598-22DPRIB | 1E              | RR,CB       | Avicta Complete | Cruiser 500            |
| VIKING        | ALBERT LEA SEED<br>1414 W. MAIN, PO BOX 127<br>ALBERT LEA, MN 56007<br>800-352-5247<br>alseed.com          | O.42-08       | 1E, 4E, 10      | NonGMO      |                 | Cruiser 250            |
|               |                                                                                                            | O.51-04GS     | 4E, 7E          | NonGMO      |                 | Cruiser 250            |
|               |                                                                                                            | O.68-06       | 4E, 7E          | NonGMO      |                 | Cruiser 250            |
|               |                                                                                                            | O.69-99       | 7E              | NonGMO      |                 | Cruiser 250            |
|               |                                                                                                            | O.74-10GS     | 1E, 4L, 10      | NonGMO      |                 | Cruiser 250            |
|               |                                                                                                            | O.86-03UP     | 4E, 7E          | NonGMO      |                 | Cruiser 250            |
| WELLMAN SEEDS | WELLMAN SEEDS, INC.<br>23778 DELPHOS JENNINGS RD.<br>DELPHOS, OH 45833<br>800-717-7333<br>wellmanseeds.com | W 2609DP      | 1E, 4L, 7L, 10  | RR,CB       | ENCASE for Corn | VARNIMO                |
|               |                                                                                                            | W 2705DP      | 1E, 4E, 7E, 10  | RR,CB       | ENCASE for Corn | VARNIMO                |
|               |                                                                                                            | W 2708        | 1E, 4E, 7E, 10  | NonGMO      | ENCASE for Corn | VARNIMO                |
|               |                                                                                                            | W 2807DP      | 1E, 4E, 7E, 10  | RR,CB       | ENCASE for Corn | VARNIMO                |
|               |                                                                                                            | W 2812DP      | 1L, 4L, 7L, 10  | RR,CB       | ENCASE for Corn | VARNIMO                |

\*CB, RW, CEW - Corn Borer, Rootworm, Ear Worm Resistance; RR, GT - Glyphosate Tolerant; LL - Liberty Link; VIP - Viptera; DT - Drought Tolerant; NON-GMO - No Transgenic Traits