



## 2020 Rainfed Corn Hybrid Plot Results

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|                              |   |
|------------------------------|---|
| <b>County/Location:</b>      | Jefferson County, 2 miles east of Plymouth, ¼ miles north of Hwy 4 and 580 <sup>th</sup> Ave. intersection. GPS 40.308270, -96.953446 |
| <b>Plot Size:</b>            | 4 row plots, 9 check plots, 16 corn hybrids, 1080 feet length   |
| <b>Soil Type:</b>            | Wymore silty clay loam (0-2% slope)/Crete silt loam (1-3% slope)  |
| <b>Soil Test:</b>            | Not available   |
| <b>Previous Crop:</b>        | Corn silage and cereal rye cover crop terminated 2 weeks prior to plantings   |
| <b>Tillage/Residue Mngt:</b> | No-till   |
| <b>Herbicide Program:</b>    | 32 oz/ac Roundup, 16 oz/ac 2,4-D, 4 oz/ac Corus   |
| <b>Planting Date:</b>        | April 24, 2020  |
| <b>Seeding Rate:</b>         | 25,000 seeds per acres  |
| <b>Planting Equipment:</b>   | 12-row Kinze 3200   |
| <b>Fertilizer:</b>           | Spring preplant N of 160 lbs N/ac w/spring anhydrous ammonia and 5 gal/ac of 10-34-0 as starter.                                      |
| <b>Foliar Insecticide:</b>   | None  |
| <b>Foliar Fungicide:</b>     | None  |
| <b>Harvest Date:</b>         | October 11, 2020, all 4 rows of each hybrid, 1080 ft length   |
| <b>Rainfall:</b>             | April 10 – Sept. 10 = 23.5" (15-yr average = 23.3")   |
| <b>Other Plot Notes:</b>     | Some very minor green snap during July windstorm  |

## Southeast Nebraska Corn Growers Association: 2020 Rainfed Corn Hybrid Plot Results

| Company/Brand    | Hybrid<br>(hyperlink)       | Trait/Technology        | Relative<br>Maturity | Raw Plot<br>Weight<br>(lbs) | Moisture<br>(%) | Test<br>Weight<br>(lbs/bu) | Yield<br>at 15%<br>(bu/ac) | Adjusted <sup>a</sup><br>Yield<br>(bu/ac) | Rank |
|------------------|-----------------------------|-------------------------|----------------------|-----------------------------|-----------------|----------------------------|----------------------------|---|------|
| Brevant seeds    | <a href="#">B13C78SX</a>    | SS RA                   | 113                  | Rejected <sup>b</sup>       | 12.7            | 58.6                       | 163.3 <sup>b</sup>         |   |      |
| DeKalb           | <a href="#">DKC65-95RIB</a> | RIB VT2 PRIB Acceleron  | 115                  | 2,780 <sup>b</sup>          | 12.9            | 61.1                       | 205.2 <sup>b</sup>         | 208.3 <sup>b</sup>                        | -    |
| Midland Genetics | <a href="#">570</a>         | SSRIB                   | 112                  | 2,630                       | 12.5            | 59.5                       | 195.0                      | 198.0 <sup>b</sup>                        | 5    |
| Brevant seeds    | <a href="#">B13C78SX</a>    | SS RA                   | 113                  | 2,140                       | 12.7            | 58.8                       | 158.3                      |   |      |
| Pioneer          | <a href="#">P1563AM</a>     | AM LL RR2 LumiGEN       | 115                  | 2,615                       | 12.5            | 60.1                       | 193.9                      | 196.6                                     | 6    |
| Champion         | <a href="#">66A18</a>       | VT2PRIB Acceleron       | 116                  | 2,420                       | 13.4            | 60.9                       | 177.6                      | 180.1                                     | 13   |
| Brevant seeds    | <a href="#">B13C78SX</a>    | SS RA                   | 113                  | 2,210                       | 12.6            | 58.7                       | 163.7                      |   |      |
| Channel          | <a href="#">217-76</a>      | VT2PRIB                 | 117                  | 2,660                       | 12.7            | 60.0                       | 196.8                      | 194.0                                     | 9    |
| Golden Harvest   | <a href="#">G13T41-3120</a> | EZ1 AG Avicta Comp A500 | 113                  | 2,430                       | 12.8            | 59.8                       | 179.5                      | 177.0                                     | 14   |
| Brevant seeds    | <a href="#">B13C78SX</a>    | SS RA                   | 113                  | 2,265                       | 12.7            | 58.6                       | 167.5                      |   |      |
| Fontanelle       | <a href="#">16D826</a>      | VT2PRIB Acceleron       | 116                  | 2,580                       | 13.4            | 61.4                       | 189.3                      | 186.0                                     | 12   |
| Midland Genetics | <a href="#">429</a>         | SS RIB                  | 110                  | 2,585                       | 12.7            | 59.7                       | 191.2                      | 187.9                                     | 11   |
| Brevant seeds    | <a href="#">B13C78SX</a>    | SS RA                   | 113                  | 2,225                       | 12.6            | 58.9                       | 164.8                      |   |      |
| Pioneer          | <a href="#">P1244AM</a>     | AM LL RR2 LumiGEN       | 112                  | 2,490                       | 12.4            | 60.2                       | 184.8                      | 190.1                                     | 10   |
| Champion         | <a href="#">61A19</a>       | VT2 Pro RIB Acceleron   | 111                  | 2,555                       | 12.3            | 59.7                       | 189.9                      | 195.2                                     | 8    |
| Brevant seeds    | <a href="#">B13C78SX</a>    | SS RA                   | 113                  | 2,065                       | 12.7            | 58.6                       | 152.8                      |   |      |
| DeKalb           | <a href="#">DKC70-27RIB</a> | VT2PRIB                 | 120                  | 2,940                       | 13.4            | 60.4                       | 215.7                      | 220.7                                     | 1    |
| Channel          | <a href="#">218-44</a>      | VT2PRIB                 | 118                  | 2,725                       | 13.0            | 60.8                       | 200.9                      | 205.5                                     | 2    |
| Brevant seeds    | <a href="#">B13C78SX</a>    | SS RA                   | 113                  | 2,255                       | 12.9            | 58.6                       | 166.4                      |   |      |
| Golden Harvest   | <a href="#">G16K01-3111</a> | AG Viptera A500         | 116                  | 2,800                       | 13.3            | 58.5                       | 205.7                      | 200.4                                     | 4    |
| Fontanelle       | <a href="#">13D843</a>      | VT2PRIB Acceleron       | 113                  | 2,835                       | 12.6            | 58.6                       | 210.0                      | 204.6                                     | 3    |
| Brevant seeds    | <a href="#">B13C78SX</a>    | SS RA                   | 113                  | 2,275                       | 12.5            | 59.0                       | 168.7                      |   |      |
| Brevant seeds    | <a href="#">B14W91AM</a>    | AM LL RR2               | 114                  | 2,695                       | 12.9            | 60.0                       | 198.9                      | 195.3                                     | 7    |
| Brevant seeds    | <a href="#">B13C78SX</a>    | SS RA                   | 113                  | 2,210                       | 12.5            | 59.1                       | 163.9                      |   |      |
| Plot Average     |                             |                         |                      |                             | 12.8            | 59.6                       | 184.4                      |   |      |

<sup>a</sup> Adjusted yield formula is the average (163.3 bu/ac) of all check hybrids (B13C78SX) strips divided by the average of the two nearby checks strips multiplied by non-check hybrid. Check hybrid moisture and yield spread was 0.4% and 15.9 bu/ac.

<sup>b</sup> Double planted a portion of first two plots. First check strip data rejected and average of all check strip used instead. Likewise, DKC65-95RIB also had a portion of plot doubled planted, so removed from the ranking, but data still included.

Archived results including the past 5 years at [croptechcafe.org/corn/](http://croptechcafe.org/corn/)