

2021 Hybrid Corn Test Results: North Region (36,500 ppa)

| Company | Name | IST ¹ | GT ² | HT ³ | Relative Maturity | Regional Results ⁵ | | | DeKalb | | | Fenton | | | 2-yr Avg. bu/a | 3-yr Avg. bu/a | DeKalb Grain Quality | | |
|------------------------|------------------------|------------------|-----------------|-----------------|-------------------|-------------------------------|------------|----------------------|------------|------------|----------------------|------------|------------|----------------------|----------------|----------------|----------------------|-------------|------------|
| | | | | | | Yield bu/a | Moisture % | Ldg ⁴ 0-9 | Yield bu/a | Moisture % | Ldg ⁴ 0-9 | Yield bu/a | Moisture % | Ldg ⁴ 0-9 | | | Oil @0% | Protein @0% | Starch @0% |
| Early RM | | | | | | | | | | | | | | | | | | | |
| Beck's | 5393V2P | M | C2 | G | 103 | 259 | 16.4 | 0.0 | 254 | 16.2 | 0.0 | 265 | 16.6 | 0.0 | | | | | |
| Beck's | 5699V2P | M | C2 | G | 106 | 250 | 17.0 | 0.0 | 251 | 16.5 | 0.0 | 249 | 17.5 | 0.0 | | | | | |
| Beck's | XL® 5202AM™ | M | C2 | L B | 102 | 265 | 16.6 | 0.3 | 263 | 16.9 | 0.0 | 268 | 16.3 | 0.7 | | | | | |
| Beck's | XL® 5507AM™ | M | C2 | L B | 105 | 254 | 17.6 | 0.0 | 257 | 17.9 | 0.0 | 251 | 17.3 | 0.0 | | | | | |
| Cornelius | C6400DGDGP | M | C2 | G | 104 | 264 | 16.9 | 0.0 | 260 | 17.0 | 0.0 | 268 | 16.8 | 0.0 | | | | | |
| Cornelius | C6401SS | M | C2 | R2 L B | 104 | 256 | 16.7 | 0.0 | 251 | 16.5 | 0.0 | 261 | 16.9 | 0.0 | 251 | | | | |
| Cornelius | C6438DP | M | C2 | G | 104 | 265 | 16.5 | 0.3 | 263 | 17.2 | 0.0 | 267 | 15.8 | 0.7 | 255 | | | | |
| Cornelius | C6552PC | M | C2 | L O | 105 | 254 | 18.3 | 0.0 | 251 | 17.7 | 0.0 | 256 | 18.9 | 0.0 | | | | | |
| Dairyland | DS-4310AM | M | C2 | B | 103 | 253 | 18.0 | 0.0 | 255 | 17.8 | 0.0 | 251 | 18.2 | 0.0 | 247 | | | | |
| Dairyland | DS-4510Q | M | C2 | R2 L B | 105 | 275 | 18.0 | 0.0 | 274 | 18.1 | 0.0 | 276 | 18.0 | 0.0 | | | | | |
| Dairyland | HiDF-3802Q | M | C2 | R2 L B | 105 | 264 | 17.1 | 0.0 | 260 | 16.9 | 0.0 | 267 | 17.3 | 0.0 | | | | | |
| NuTech | 60A2Q | M | C2 | R2 B | 100 | 249 | 16.9 | 0.2 | 258 | 17.1 | 0.0 | 239 | 16.7 | 0.3 | | | | | |
| NuTech | 63C4Q | M | C2 | R2 L B | 103 | 249 | 17.8 | 1.3 | 256 | 17.4 | 0.0 | 243 | 18.3 | 2.7 | | | | | |
| Pioneer | P0075Q | M | C2 | R2 L B | 100 | 257 | 16.7 | 0.0 | 259 | 17.0 | 0.0 | 255 | 16.4 | 0.0 | | | | | |
| Pioneer | P0306Q | M | C2 | R2 L B | 103 | 257 | 16.5 | 0.0 | 267 | 16.6 | 0.0 | 247 | 16.5 | 0.0 | 249 | | | | |
| Renk | RK700SSTX | M | C2 | R2 L B | 107 | 265 | 19.7 | 0.3 | 264 | 19.4 | 0.0 | 267 | 20.0 | 0.7 | | | | | |
| Sun Prairie Seeds | SP2378 | M | C2 | G | 103 | 242 | 15.7 | 0.0 | 245 | 16.0 | 0.0 | 239 | 15.5 | 0.0 | | | | | |
| Wyffels Hybrids | W4196RIB | L | C2 | G | 105 | 249 | 17.6 | 0.3 | 259 | 17.3 | 0.0 | 240 | 17.9 | 0.7 | | | | | |
| Non-GMO Hybrids | | | | | | | | | | | | | | | | | | | |
| Hi Fidelity | HFG1051 | M | | | 105 | 258 | 18.7 | 0.0 | 257 | 18.1 | 0.0 | 258 | 19.2 | 0.0 | | | | | |
| Hi Fidelity | HFG1071 | M | | | 105 | 256 | 17.2 | 0.0 | 253 | 17.6 | 0.0 | 258 | 16.7 | 0.0 | | | | | |
| Prairie | 3259 | | | | 105 | 252 | 16.2 | 0.3 | 255 | 16.1 | 0.0 | 249 | 16.2 | 0.7 | 248 | | | | |
| Prairie | 4470 | | | | 106 | 267 | 17.8 | 0.0 | 272 | 17.0 | 0.0 | 261 | 18.7 | 0.0 | | | | | |
| Viking | 84-05 | L | | | 105 | 263 | 16.7 | 0.0 | 259 | 16.6 | 0.0 | 267 | 16.9 | 0.0 | | | | | |
| Viking | O.46-02 | L | | | 102 | 245 | 15.7 | 0.0 | 254 | 16.2 | 0.0 | 236 | 15.2 | 0.0 | | | | | |
| Viking | O.51-04P | L | | | 104 | 254 | 18.4 | 0.0 | 256 | 19.0 | 0.0 | 252 | 17.8 | 0.0 | 247 | | | | |
| | Average | | | | | 257 | 17.2 | | 258 | 17.2 | | 256 | 17.3 | | | | | | |
| | L.S.D 25% Level | | | | | 8 | 0.7 | | 11 | 0.6 | | 11 | 1.0 | | | | | | |
| | CV (%) | | | | | 5 | 5.8 | | 4 | 3.7 | | 5 | 5.8 | | | | | | |
| Any RM | | | | | | | | | | | | | | | | | | | |
| AXIS | 59R27RIB | L | C2 | G | 106 | 257 | 20.2 | 0.0 | 247 | 19.7 | 0.0 | 266 | 20.7 | 0.0 | | | | | |
| AXIS | 62A58RIB | M | C2 | R2 L B | 112 | 246 | 23.4 | 0.2 | 238 | 21.4 | 0.0 | 254 | 25.4 | 0.4 | 245 | | | | |
| AXIS | 62B56RIB | M | C2 | R2 L B | 110 | 266 | 22.9 | 0.0 | 254 | 21.2 | 0.0 | 278 | 24.7 | 0.0 | | | | | |
| AXIS | 62V29RIB | L | C2 | G | 113 | 246 | 23.1 | 0.0 | 242 | 22.8 | 0.0 | 250 | 23.4 | 0.0 | | | | | |
| Beck's | 5899SX | M | C3 | R2 L3 B | 108 | 252 | 21.9 | 0.0 | 243 | 20.5 | 0.0 | 261 | 23.3 | 0.0 | | | | | |
| Beck's | 6374V2P | M | C2 | G | 113 | 255 | 23.4 | 0.0 | 255 | 21.7 | 0.0 | 254 | 25.0 | 0.0 | 253 | | | | |
| Beck's | XL® 5909AM™ | M | C2 | L B | 109 | 256 | 20.8 | 0.3 | 239 | 20.6 | 0.0 | 272 | 21.1 | 0.7 | | | | | |
| Beck's | XL® 6081AM™ | M | C2 | L B | 110 | 248 | 21.3 | 0.0 | 235 | 21.4 | 0.0 | 260 | 21.2 | 0.0 | | | | | |
| Beck's | XL® 6256AM™ | M | C2 | L B | 112 | 262 | 21.2 | 0.7 | 253 | 21.1 | 0.0 | 272 | 21.2 | 1.4 | | | | | |
| Channel | 202-24STXRIB | M | C2 | R2 L B | 102 | 248 | 16.3 | 0.0 | 241 | 17.7 | 0.0 | 255 | 14.9 | 0.0 | | | | | |
| Channel | 207-87VT2PRIB | M | C2 | G | 107 | 255 | 19.1 | 0.0 | 247 | 19.4 | 0.0 | 263 | 18.8 | 0.0 | | | | | |
| Channel | 210-46STXRIB | M | C2 | R2 L B | 110 | 246 | 21.7 | 0.0 | 220 | 20.1 | 0.0 | 272 | 23.2 | 0.0 | | | | | |
| Channel | 212-04STXRIB | M | C2 | R2 L B | 112 | 254 | 23.7 | 0.0 | 247 | 23.0 | 0.0 | 261 | 24.4 | 0.0 | 252 | | | | |
| Channel | 214-22STXRIB | M | C2 | R2 L B | 114 | 262 | 23.1 | 0.0 | 250 | 21.9 | 0.0 | 275 | 24.3 | 0.0 | | | | | |
| Cornelius | 7228VT2P | M | C2 | G | 112 | 247 | 21.9 | 1.3 | 243 | 20.5 | 0.0 | 251 | 23.3 | 2.7 | | | | | |
| Cornelius | C575DP | M | C2 | G | 109 | 271 | 20.7 | 0.0 | 272 | 19.7 | 0.0 | 269 | 21.6 | 0.0 | | | | | |
| Cornelius | C6708DP | M | C2 | G | 107 | 257 | 20.4 | 0.0 | 254 | 19.6 | 0.0 | 261 | 21.2 | 0.0 | | | | | |

Coming Soon

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| Company | Name | IST ¹ | GT ² | HT ³ | Relative Maturity | Regional Results ⁵ | | | DeKalb | | | Fenton | | | 2-yr Avg. | 3-yr Avg. | DeKalb Grain Quality | | | |
|-----------|---------|------------------|-----------------|-----------------|-------------------|-------------------------------|------------|----------------------|------------|------------|----------------------|------------|------------|----------------------|-----------|-----------|----------------------|-------------|------------|--|
| | | | | | | Yield bu/a | Moisture % | Ldg ⁴ 0-9 | Yield bu/a | Moisture % | Ldg ⁴ 0-9 | Yield bu/a | Moisture % | Ldg ⁴ 0-9 | | | Oil @0% | Protein @0% | Starch @0% | |
| Cornelius | C6812DP | M | C2 | G | 108 | 254 | 20.3 | 0.0 | 242 | 20.2 | 0.0 | 265 | 20.4 | 0.0 | | | | | | |

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| Company | Name | IST ¹ | GT ² | HT ³ | Regional Results ⁵ | | | | DeKalb | | | Fenton | | | 2-yr Avg. bu/a | 3-yr Avg. bu/a | DeKalb Grain Quality | | |
|------------------------|------------------------|------------------|-----------------|-----------------|-------------------------------|------------|------------|----------------------|------------|------------|----------------------|------------|------------|----------------------|----------------|----------------|----------------------|-------------|------------|
| | | | | | Relative Maturity | Yield bu/a | Moisture % | Ldg ⁴ 0-9 | Yield bu/a | Moisture % | Ldg ⁴ 0-9 | Yield bu/a | Moisture % | Ldg ⁴ 0-9 | | | Oil @0% | Protein @0% | Starch @0% |
| Non-GMO Hybrids | | | | | | | | | | | | | | | | | | | |
| Cappel Seed | 4720 | | | | 107 | 225 | 18.4 | 0.0 | 215 | 19.1 | 0.0 | 236 | 17.6 | 0.0 | 221 | | | | |
| Cappel Seed | 4920 | | | | 109 | 233 | 21.8 | 0.0 | 216 | 21.4 | 0.0 | 250 | 22.3 | 0.0 | | | | | |
| Cappel Seed | 5320 | | | | 112 | 249 | 21.5 | 0.5 | 256 | 20.2 | 0.0 | 241 | 22.7 | 1.0 | 246 | | | | |
| Hi Fidelity | HFG1111 | M | | | 111 | 243 | 21.9 | 0.0 | 230 | 22.1 | 0.0 | 257 | 21.6 | 0.0 | 250 | | | | |
| Prairie | 5142 | | | | 109 | 244 | 21.1 | 0.0 | 235 | 21.5 | 0.0 | 254 | 20.8 | 0.0 | | | | | |
| Prairie | 5787 | | | | 108 | 244 | 20.1 | 0.0 | 237 | 19.6 | 0.0 | 252 | 20.6 | 0.0 | 246 | | | | |
| Prairie | 5900 | | | | 108 | 237 | 18.5 | 0.0 | 236 | 17.5 | 0.0 | 239 | 19.4 | 0.0 | 239 | | | | |
| Prairie | 6590 | | | | 111 | 251 | 19.7 | 0.0 | 247 | 18.3 | 0.0 | 256 | 21.1 | 0.0 | 249 | | | | |
| Prairie | 6878 | | | | 112 | 247 | 23.8 | 0.0 | 238 | 22.7 | 0.0 | 256 | 24.9 | 0.0 | 260 | | | | |
| Prairie | 8904 | | | | 113 | 249 | 22.5 | 0.0 | 235 | 21.9 | 0.0 | 263 | 23.1 | 0.0 | | | | | |
| Viking | 58-11 | L | | | 111 | 246 | 21.0 | 0.0 | 242 | 20.7 | 0.0 | 251 | 21.4 | 0.0 | | | | | |
| Viking | O.48-08P | L | | | 108 | 250 | 20.6 | 0.0 | 252 | 20.3 | 0.0 | 248 | 20.9 | 0.0 | 248 | | | | |
| Viking | O.72-06 | L | | | 106 | 261 | 19.2 | 0.0 | 263 | 18.3 | 0.0 | 260 | 20.1 | 0.0 | | | | | |
| | Average | | | | | 253 | 20.8 | | 245 | 20.2 | | 260 | 21.4 | | | | | | |
| | L.S.D 25% Level | | | | | 10 | 1.4 | | 14 | 1.0 | | 11 | 1.2 | | | | | | |
| | CV (%) | | | | | 6 | 10.1 | | 6 | 5.3 | | 5 | 5.8 | | | | | | |

¹Insecticide Seed Treatment: L = Low rate, M = Medium rate, H = High rate

²Genetic Traits: C= Corn Borer, R= Root Worm, L= Other Lepidoptera, Number following the letter indicates how many traits are expressed

³Herbicide Traits: G= Glyphosate, U= Glufosinate, B= Both

⁴Lodging: 0= none, 9= All

⁵Freeport was not harvested due to a herbicide application error.

| | Freepport | DeKalb | Fenton |
|-------------------------|----------------------------------|----------------------------------|----------------------------------|
| Location | | | |
| County | Stephenson | DeKalb | Whiteside |
| Site Location | Click to see map | Click to see map | Click to see map |
| Host | Highland Community Col | John and Jim Boesche | Ron and Dave Mickley |
| Soil type | Fayette silt loam | Drummer silty clay loam | Coffeen silt loam |
| Planting date | April 27, 2021 | April 27, 2021 | April 26, 2021 |
| Harvest date | Did not harvest | October 9, 2021 | September 23, 2021 |
| Nitrogen applied | 182 lbs. as PPI UAN | 200 lbs as PPI UAN | 160 lbs as PPI NH3 |

Pesticides

| | | | |
|------------------|------------------|------------------|------------------|
| PRE | | Tripleflex | Resicore |
| POST | Impact | Impact | Impact |
| Fungicide | None | Yes | |
| Tillage | | | |
| Spring | Field cultivator | Field cultivator | Field cultivator |
| Fall | None | None | Chisel |
| Latitude | 42.28843372 | 41.86826876 | 41.74691467 |
| Longitude | -89.681558 | -88.82629283 | -90.0166284 |