

2022 Hybrid Corn Test Results: West Central Region (36,500 ppa)

| Company | Name | IST ¹ | GT ² | HT ³ | Relative Maturity | Regional Results ⁵ | | Monmouth | | Perry | | New Berlin | | 2-yr Avg. bu/a | 3-yr Avg. bu/a | |
|------------------------|------------------------|------------------|-----------------|-----------------|-------------------|-------------------------------|------------|------------|------------|------------|------------|------------|------------|----------------|----------------|-----|
| | | | | | | Yield bu/a | Moisture % | Yield bu/a | Moisture % | Yield bu/a | Moisture % | Yield bu/a | Moisture % | | | |
| Early RM | | | | | | | | | | | | | | | | |
| Cornelius | C6724SS | M | C | R | L | B | 107 | 241 | 13.7 | 265 | 14.4 | 184 | 13.8 | 272 | 12.8 | |
| Cornelius | C6847TRE | L | C | | L | G | 108 | 255 | 13.8 | 258 | 14.2 | 214 | 14.2 | 294 | 12.9 | |
| NuTech | 68A7AM | M | C2 | | | B | 108 | 252 | 13.9 | 275 | 14.6 | 203 | 13.4 | 278 | 13.7 | 242 |
| Pioneer | P0720Q | M | C2 | R2 | | B | 107 | 268 | 13.7 | 285 | 14.7 | 223 | 13.5 | 296 | 12.9 | |
| Pioneer | P0924Q | M | C2 | R2 | | B | 109 | 263 | 14.4 | 276 | 15.3 | 217 | 14.2 | 295 | 13.8 | |
| Non-GMO Hybrids | | | | | | | | | | | | | | | | |
| Prairie | 3259 | | | | | | 105 | 243 | 12.9 | 246 | 13.9 | 211 | 12.7 | 271 | 12.1 | 234 |
| Prairie | 4273 | | | | | | 107 | 226 | 15.5 | 240 | 15.5 | 174 | 13.7 | 264 | 17.3 | |
| Prairie | 5142 | | | | | | 109 | 254 | 14.3 | 268 | 15.7 | 212 | 13.6 | 283 | 13.5 | |
| Prairie | 5883 | | | | | | 109 | 275 | 13.6 | 273 | 15.2 | 262 | 12.8 | 288.4 | 12.9 | |
| | Average | | | | | | | 253 | 14.0 | 265 | 14.8 | 211 | 13.5 | 282 | 13.5 | |
| | L.S.D 25% Level | | | | | | | 12 | 0.8 | 21 | 0.3 | 8 | 0.7 | 12 | 1.6 | |
| | CV (%) | | | | | | | 8 | 10.2 | 8 | 2.3 | 4 | 5.1 | 4 | 12.2 | |
| Any RM | | | | | | | | | | | | | | | | |
| Beck's | 6128V2P | M | C2 | L2 | G | | 111 | 259 | 14.9 | 280 | 14.5 | 215 | 15.9 | 282 | 14.3 | |
| Beck's | 6374V2P | M | C2 | L2 | G | | 113 | 277 | 15.8 | 317 | 16.0 | 232 | 15.9 | 283 | 15.5 | 264 |
| Beck's | 6585TCV2P | M | C2 | L3 | G | | 115 | 272 | 16.5 | 273 | 15.0 | 263 | 17.9 | 280 | 16.7 | |
| Beck's | XL® 6081AM™ | M | C2 | L1 | B | | 110 | 266 | 14.5 | 302 | 15.5 | 206 | 13.8 | 291 | 14.2 | 252 |
| Beck's | XL® 6381AM™ | M | C2 | L1 | B | | 113 | 280 | 15.8 | 309 | 16.2 | 222 | 16.0 | 309 | 15.1 | |
| Burrus | 5A84 VT2P | M | C2 | | | G | 111 | 258 | 15.3 | 251 | 14.4 | 233 | 17.2 | 289 | 14.3 | |
| Burrus | 7F33 VT2P | M | C2 | | | G | 114 | 258 | 16.7 | 286 | 15.9 | 203 | 18.3 | 284 | 15.9 | |
| Channel | 206-16SSPRIB | M | C2 | R3 | | B | 106 | 242 | 13.6 | 247 | 14.3 | 210 | 14.1 | 270 | 12.3 | |
| Channel | 210-46VT2PRIB | M | C2 | | | G | 110 | 259 | 14.0 | 269 | 14.4 | 225 | 13.7 | 283 | 13.9 | |
| Channel | 211-11SSPRIB | M | C2 | R3 | | B | 111 | 276 | 14.6 | 297 | 15.3 | 231 | 15.3 | 299 | 13.3 | |
| Channel | 212-52SSPRIB | M | C2 | R3 | | B | 112 | 266 | 15.3 | 277 | 15.2 | 245 | 15.5 | 274 | 15.1 | |
| Channel | 214-22STXRIB | M | C2 | R3 | | B | 114 | 243 | 16.1 | 234 | 15.2 | 196 | 16.1 | 299 | 17.0 | 245 |
| Channel | 214-78DGV2PRIB | M | C2 | | | G | 114 | 275 | 16.2 | 318 | 16.1 | 211 | 16.3 | 297 | 16.0 | 264 |
| Channel | 217-01STXRIB | M | C2 | R3 | | B | 117 | 274 | 16.7 | 296 | 16.3 | 239 | 17.8 | 289 | 16.1 | |
| Cornelius | C7021DP | L | C | | L | G | 110 | 259 | 14.9 | 276 | 14.0 | 223 | 16.8 | 278 | 13.8 | |
| Cornelius | C7124SS | M | C | R | L | B | 111 | 257 | 15.0 | 283 | 14.5 | 218 | 16.6 | 271 | 14.0 | |
| Cornelius | C7308SS | M | C | R | L | B | 113 | 263 | 16.2 | 286 | 16.3 | 213 | 16.3 | 290 | 15.9 | 254 |
| Cornelius | C7357DP | L | C | | L | G | 113 | 260 | 15.6 | 254 | 14.8 | 242 | 16.6 | 283 | 15.5 | |
| Cornelius | C7366DGDP | L | C | | L | G | 113 | 275 | 16.3 | 298 | 16.3 | 232 | 17.7 | 294 | 15.0 | 259 |
| Cornelius | C7373SSP | M | C | R | L | B | 113 | 271 | 15.4 | 300 | 15.2 | 238 | 16.4 | 273 | 14.7 | |
| Cornelius | C7400 | L | | | | | 114 | 258 | 16.5 | 310 | 16.8 | 192 | 17.9 | 271 | 14.9 | |
| Cornelius | C7450SS | M | C | R | L | B | 114 | 280 | 16.2 | 314 | 16.4 | 224 | 16.7 | 302 | 15.4 | |
| Cornelius | C7590DP | L | C | | L | G | 115 | 272 | 16.6 | 304 | 16.3 | 216 | 17.9 | 295 | 15.7 | |
| Dekalb | DKC111-35RIB | H | C2 | | | G | 111 | 266 | 15.0 | 283 | 14.5 | 215 | 16.1 | 298 | 14.4 | |
| Dekalb | DKC59-82RIB | H | C2 | | | G | 109 | 258 | 13.5 | 273 | 13.8 | 222 | 13.4 | 279 | 13.2 | 254 |
| Dekalb | DKC62-70RIB | H | C2 | | | G | 112 | 238 | 17.1 | 240 | 14.5 | 240 | 18.9 | 232 | 17.9 | 241 |
| Dekalb | DKC64-22RIB | H | C2 | | | G | 114 | 267 | 15.4 | 267 | 16.1 | 227 | 15.3 | 308 | 14.8 | |
| Dekalb | DKC65-95RIB | H | C2 | | | G | 115 | 273 | 17.4 | 310 | 16.8 | 216 | 19.2 | 292 | 16.1 | 261 |

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| Company | Name | IST ¹ | GT ² | HT ³ | Relative Maturity | Regional Results ⁵ | | Monmouth | | Perry | | New Berlin | | 2-yr Avg. bu/a | 3-yr Avg. bu/a |
|------------------------|----------------|------------------|-----------------|-----------------|-------------------|-------------------------------|-------------|------------|-------------|------------|-------------|------------|-------------|----------------|----------------|
| | | | | | | Yield bu/a | Moisture % | Yield bu/a | Moisture % | Yield bu/a | Moisture % | Yield bu/a | Moisture % | | |
| Dekalb | DKC66-06RIB | H | C2 R2 L2 | B | 116 | 274 | 16.9 | 296 | 17.0 | 213 | 17.7 | 313 | 16.1 | | |
| Dekalb | DKC66-18RIB | H | C2 | G | 116 | 281 | 16.1 | 314 | 16.4 | 231 | 15.9 | 299 | 16.0 | 262 | 260 |
| Dekalb | DKC67-94RIB | H | C2 R2 L2 | B | 117 | 270 | 16.1 | 296 | 15.5 | 219 | 15.9 | 293 | 16.8 | 259 | |
| Dyna-Gro | D52DC82 | H | C | G | 112 | 273 | 14.9 | 309 | 15.3 | 227 | 15.4 | 285 | 14.1 | | |
| Dyna-Gro | D54VC34 | H | C | G | 114 | 258 | 16.2 | 283 | 16.8 | 223 | 16.5 | 267 | 15.1 | | |
| Dyna-Gro | D55VC80 | H | C | G | 115 | 278 | 17.1 | 318 | 16.9 | 214 | 17.2 | 302 | 17.0 | | |
| NuTech | 69B9Q | M | C2 R2 | B | 109 | 267 | 14.4 | 300 | 14.8 | 216 | 14.3 | 286 | 14.2 | 260 | |
| NuTech | 70A8AM | M | C2 | B | 110 | 248 | 14.9 | 299 | 16.1 | 195 | 14.3 | 249 | 14.4 | 250 | 250 |
| NuTech | 70B4AM | M | C2 | B | 110 | 281 | 14.5 | 291 | 15.2 | 242 | 14.3 | 309 | 13.8 | | |
| NuTech | 70F6Q | M | C2 R2 | B | 110 | 255 | 15.3 | 264 | 15.3 | 207 | 15.8 | 292 | 14.8 | | |
| NuTech | 72A5Q | M | C2 R2 | B | 112 | 261 | 15.5 | 283 | 15.9 | 220 | 16.1 | 279 | 14.6 | | |
| NuTech | 72D4Q | M | C2 R2 | B | 112 | 260 | 16.4 | 272 | 17.1 | 214 | 16.9 | 293 | 15.3 | | |
| NuTech | 73A6Q | M | C2 R2 | B | 113 | 259 | 15.6 | 304 | 16.2 | 195 | 15.7 | 278 | 15.0 | | |
| NuTech | 74A9AM | M | C2 | B | 114 | 265 | 15.7 | 284 | 15.7 | 205 | 15.9 | 305 | 15.6 | | |
| NuTech | 74B6AM | M | C2 | B | 114 | 248 | 16.4 | 279 | 17.0 | 175 | 16.3 | 291 | 16.0 | 248 | 250 |
| NuTech | 74C4AM | M | C2 | B | 114 | 276 | 15.5 | 295 | 16.0 | 231 | 15.5 | 302 | 15.0 | | |
| NuTech | 77A5AM | M | C2 | B | 117 | 289 | 17.3 | 320 | 18.5 | 244 | 17.1 | 304 | 16.3 | 260 | |
| Pioneer | P0720Q | M | C2 R2 | B | 107 | 265 | 14.4 | 306 | 15.0 | 214 | 14.8 | 275 | 13.4 | | |
| Pioneer | P0924Q | M | C2 R2 | B | 109 | 276 | 15.3 | 303 | 15.8 | 225 | 15.7 | 299 | 14.3 | | |
| Pioneer | P1108Q | M | C2 R2 | B | 111 | 271 | 15.4 | 279 | 16.4 | 218 | 15.3 | 315 | 14.4 | 258 | 261 |
| Pioneer | P1185Q | M | C2 R2 | B | 111 | 267 | 15.5 | 303 | 16.1 | 200 | 16.0 | 298 | 14.4 | | |
| Pioneer | P1222AM | M | C2 | B | 112 | 281 | 15.5 | 310 | 15.9 | 229 | 15.9 | 304 | 14.8 | | |
| Pioneer | P1278Q | M | C2 R2 | B | 112 | 281 | 16.2 | 310 | 17.1 | 238 | 16.5 | 293 | 14.9 | | |
| Pioneer | P1359AM | M | C2 | B | 113 | 278 | 15.5 | 325 | 16.7 | 214 | 15.1 | 295 | 14.7 | 261 | |
| Power Plus | 6W81 AM | M | C2 | B | 113 | 276 | 15.5 | 310 | 16.2 | 219 | 15.4 | 298 | 15.1 | | |
| Renk | RK805VT2P | L | C2 | L G | 110 | 244 | 14.2 | 248 | 14.6 | 203 | 14.5 | 282 | 13.7 | | |
| Renk | RK826VT2P | L | C2 | L G | 111 | 254 | 14.6 | 271 | 14.8 | 198 | 14.9 | 293 | 14.2 | 248 | |
| Renk | RK895DGVT2P | L | C2 | L G | 113 | 262 | 16.1 | 276 | 16.7 | 217 | 15.4 | 293 | 16.1 | | |
| Renk | RK907SSTX | M | C2 R2 | B | 115 | 254 | 16.6 | 268 | 16.1 | 209 | 17.4 | 285 | 16.3 | 240 | |
| Renk | RK915VT2P | L | C2 | L G | 115 | 270 | 16.1 | 320 | 17.1 | 232 | 16.4 | 259 | 14.8 | 255 | |
| Renk | RK940SSTX | M | C2 R2 | B | 115 | 282 | 17.4 | 314 | 17.1 | 235 | 18.2 | 297 | 16.8 | | |
| Stone Seed | 0931SS | M | C3 R3 L2 | B | 109 | 241 | 15.3 | 221 | 14.9 | 213 | 16.6 | 289 | 14.3 | 245 | 246 |
| Stone Seed | 1103SS | M | C3 R3 L2 | B | 111 | 276 | 15.3 | 308 | 16.6 | 215 | 14.9 | 305 | 14.4 | | |
| Stone Seed | 1132TRE | M | C2 | L3 G | 111 | 270 | 14.1 | 287 | 13.7 | 226 | 15.4 | 298 | 13.2 | | |
| Stone Seed | 1332SS | M | C3 R3 L2 | B | 113 | 250 | 16.0 | 252 | 16.1 | 211 | 17.0 | 287 | 15.0 | 243 | |
| Stone Seed | 1403TRE | M | C2 | L3 G | 114 | 271 | 16.3 | 315 | 16.1 | 205 | 16.6 | 294 | 16.1 | | |
| Stone Seed | 1521SS | M | C3 R3 L2 | B | 115 | 269 | 17.2 | 295 | 17.3 | 231 | 18.4 | 281 | 15.8 | 251 | 248 |
| Non-GMO Hybrids | | | | | | | | | | | | | | | |
| Prairie | 6590 | | | | 111 | 259 | 14.7 | 265 | 14.4 | 230 | 15.6 | 284 | 14.0 | | |
| Prairie | 6878 | | | | 112 | 252 | 15.4 | 270 | 15.6 | 209 | 16.1 | 276 | 14.6 | 243 | 247 |
| Prairie | 8290 | | | | 114 | 261 | 18.7 | 283 | 19.3 | 223 | 19.0 | 278 | 17.8 | 244 | 247 |
| Prairie | 8681 | | | | 115 | 263 | 16.1 | 312 | 16.6 | 199 | 15.4 | 279 | 16.3 | | |
| Prairie | 8759 | | | | 114 | 239 | 16.3 | 262 | 15.4 | 197 | 17.0 | 259 | 16.7 | 240 | 238 |
| Prairie | 8960 | | | | 115 | 270 | 16.5 | 311 | 16.9 | 202 | 17.3 | 298 | 15.3 | 256 | 251 |
| | Average | | | | | 264 | 15.6 | 287 | 15.8 | 218 | 16.1 | 286 | 15.0 | | |

2022 Hybrid Corn Test Results: West Central Region (36,500 ppa)

| Company | Name | IST ¹ | GT ² | HT ³ | Relative Maturity | Regional Results ⁵ | | Monmouth | | Perry | | New Berlin | | 2-yr Avg. bu/a | 3-yr Avg. bu/a |
|---------|------------------------|------------------|-----------------|-----------------|-------------------|-------------------------------|------------|------------|------------|------------|------------|------------|------------|----------------|----------------|
| | | | | | | Yield bu/a | Moisture % | Yield bu/a | Moisture % | Yield bu/a | Moisture % | Yield bu/a | Moisture % | | |
| | L.S.D 25% Level | | | | | 16 | 0.7 | 18 | 0.5 | 13 | 1.2 | 13 | 0.7 | | |
| | CV (%) | | | | | 11 | 8.6 | 6 | 3.3 | 6 | 7.8 | 5 | 5.1 | | |
| | Average | | | | | | | | | | | | | | |

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

| | Monmouth | Perry | New Berlin |
|-------------------------|----------------------------------|----------------------------------|---|
| Location | Warren | Pike | Sangamon |
| County | Warren | Pike | Sangamon |
| Site Location | Click to see map | Click to see map | Click to see map |
| Host | Greg Steckel | Luke Merritt | Leahy Bennett |
| Soil type | Sabbe silty clay loam | Ipava silt loam | Sabbe silty clay loam |
| Planting date | May 2, 2022 | April 27, 2022 | April 27, 2022 |
| Harvest date | October 13, 2022 | October 3, 2022 | October 5, 2022 |
| Nitrogen applied | 175 lbs. as PPI UAN | 200 lbs as PPI UAN | 175 lbs as fall NH3 10 lbs. as PPI UAN |

Pesticides

| | | | |
|------------------|-----------------|-----------------------|------------------|
| PRE | Harness Xtra | Resicore and Atrazine | Parallel Plus |
| POST | Armezon Pro | Impact | Impact |
| Fungicide | None | None | Headline AMP |
| Tillage | | | |
| Spring | Field cultivate | Field cultivate | Field cultivator |
| Fall | Disk ripper | None | Disk ripper |
| Latitude | 40.92619716 | 39.80296428 | 39.81979871 |
| Longitude | -90.72482985 | -90.82250034 | -89.94720407 |

RainFall

| | | | |
|------------------|------|------|------|
| April | 3.0 | 3.7 | 3.1 |
| May | 3.8 | 4.0 | 5.1 |
| June | 3.1 | 5.5 | 3.3 |
| July | 3.5 | 5.4 | 6.1 |
| August | 2.5 | 0.5 | 3.9 |
| September | 4.2 | 3.3 | 3.8 |
| Total | 20.1 | 22.3 | 25.3 |