

MSU Corn Hybrid Demonstration Program

2020 Grain Yield Summary (bu/a)

Irrigated Locations

| Brand | Hybrid | Itta Bena | Shaw | Greenwood | Philipp | MSU | Pontotoc | Stoneville | Average Yield |
|------------------|----------|------------|------------|------------|------------|------------|------------|------------|---------------|
| AgriGold | A6544 | 241 | 239 | 219 | 221 | 215 | 184 | 151 | 210 |
| AgriGold | A6659 | 232 | 240 | 212 | 211 | 241 | 186 | 199 | 217 |
| DEKALB | DKC65-99 | 239 | 246 | 216 | 222 | 218 | 205 | 198 | 221 |
| DEKALB | DKC67-44 | 247 | 243 | 222 | 232 | 231 | 197 | 214 | 226 |
| DEKALB | DKC70-27 | 232 | 239 | 207 | 227 | 229 | 191 | 186 | 216 |
| Dyna-Gro | D55VC80 | 214 | 234 | 211 | 208 | 215 | 197 | 191 | 210 |
| Dyna-Gro | D58VC65 | 242 | 239 | 204 | 223 | 214 | 180 | 172 | 210 |
| Great Heart | HT-7425 | 221 | 224 | 195 | 201 | 216 | 184 | 191 | 205 |
| Local Seed | LC1898 | 236 | 240 | 212 | 221 | 224 | 192 | 192 | 217 |
| Local Seed | LC1987 | 226 | 227 | 208 | 230 | 211 | 196 | 197 | 214 |
| Mission | A1548DG | 212 | 227 | 190 | 198 | 206 | 185 | 208 | 204 |
| Pioneer | P1077 | 215 | 236 | 187 | 207 | 210 | 163 | 189 | 201 |
| Pioneer | P1870 | 223 | 235 | 203 | 213 | 226 | 180 | 223 | 215 |
| Progeny | PGY 2015 | 216 | 221 | 185 | 217 | 195 | 179 | 185 | 200 |
| Location Average | | 228 | 235 | 205 | 216 | 218 | 187 | 192 | 212 |

| | | | | | | | |
|---------------|------------------------|----------------------|-----------------|------------|---------------------|-------------------|----------------------------|
| Soil Type | Tensas silty clay loam | Alligator silty clay | Adler silt loam | Dubbs loam | Marietta sandy loam | Falkner silt loam | Commerce v fine sandy loam |
| Planting Date | 6-Apr | 4-May | 11-Apr | 28-Apr | 28-Apr | 27-Apr | 28-Apr |



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Dryland Locations

| Brand | Hybrid | Canton | Natchez | West Point | Greenwood | Artesia Low Pop | Artesia High Pop | Pontotoc Exp Sta | Marianna | Bolton | MSU | Pontotoc | Shellmound | NMREC | Average Yield |
|------------------|------------|------------|------------|------------|------------|-----------------|------------------|------------------|------------|------------|------------|------------|------------|------------|---------------|
| AgriGold | A6544 | 220 | 199 | 185 | 164 | 189 | 206 | 158 | 176 | 190 | 187 | 201 | 130 | 140 | 180 |
| AgriGold | A6572 | 209 | 168 | 193 | 155 | 185 | 197 | 188 | 175 | 159 | 202 | 203 | 99 | 161 | 176 |
| AgriGold | A6659 | 209 | 199 | 191 | 167 | 179 | 193 | 158 | 182 | 171 | 176 | 203 | 136 | 163 | 179 |
| DEKALB | DKC65-99 | 212 | 206 | 198 | 171 | 190 | 207 | 174 | 195 | 189 | 187 | 213 | 140 | 157 | 188 |
| DEKALB | DKC67-44 | 216 | 144 | 204 | 169 | 200 | 215 | 179 | 202 | 186 | 190 | 215 | 139 | 154 | 186 |
| DEKALB | DKC68-69 | 222 | 199 | 189 | 185 | 204 | 218 | 170 | 207 | 188 | 189 | 221 | 136 | 152 | 191 |
| Dyna-Gro | D58VC65 | 218 | 192 | 186 | 167 | 199 | 200 | 172 | 183 | 193 | 190 | 217 | 85 | 144 | 180 |
| Great Heart | HT-7462 | 204 | 147 | 184 | 145 | 180 | 191 | 162 | 163 | 176 | 188 | 190 | 116 | 130 | 167 |
| Local Seed | LC1577 | 227 | 190 | 190 | 158 | 198 | 203 | 161 | 166 | 174 | 205 | 218 | 83 | 146 | 178 |
| Local Seed | LC1898 | 208 | 187 | 191 | 160 | 192 | 203 | 169 | 185 | 186 | 197 | 193 | 136 | 151 | 181 |
| Mission | A1548DG | 202 | 174 | 184 | 149 | 176 | 196 | 163 | 193 | 172 | 187 | 204 | 134 | 138 | 175 |
| Pioneer | P1464 | 197 | 148 | 175 | 150 | 188 | 192 | 168 | 187 | 183 | 207 | 212 | 109 | 138 | 173 |
| Progeny | PGY 8116SS | 192 | 185 | 179 | 150 | 186 | 197 | 162 | 185 | 168 | 188 | 188 | 129 | 146 | 173 |
| Progeny | PGY 9114 | 226 | 181 | 190 | 148 | 204 | 218 | 132 | 190 | 169 | 200 | 211 | 136 | 138 | 180 |
| Location Average | | 211 | 180 | 189 | 160 | 191 | 203 | 165 | 185 | 179 | 192 | 206 | 122 | 147 | 179 |

| Soil Type | Grenada silt loam | Convent silt loam | Griffith silty clay | Adler silt loam | Vaiden silty clay | Vaiden silty clay | Providence silt loam | Ochlocknee sandy loam | Loring silt loam | Leeper silty clay loam | Marietta loam | Dubbs loam | Leeper silty clay loam |
|---------------|-------------------|-------------------|---------------------|-----------------|-------------------|-------------------|----------------------|-----------------------|------------------|------------------------|---------------|------------|------------------------|
| Planting Date | 3-Apr | 18-Mar | 2-May | 6-May | 6-May | 6-May | 27-Apr | 4-May | 11-Apr | 6-Apr | 4-May | 5-May | 4-May |



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