

Performance of Field Corn Hybrids In Alabama, 2016



Feed grinder in Opelika 1925

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“The mission of the Alabama Variety Testing Program is to provide research-based, unbiased results on the performance of various crop hybrids, cultivars, and varieties to the agricultural community in our state. We are intent on conducting these trials in a manner that will result in maximum biological yield through methods common to the top-producing farms in Alabama. We are committed to providing this information in a rapid, timely manner for its use during the decision-making process. The success of the program rests upon our ability to help Alabama producers provide a safe, dependable source of food and fiber for all families as well as economic sustainability for theirs.”

Field corn hybrids were evaluated in 2016 by the Alabama Agricultural Experiment Station as a service to producers, crop advisors, and industry. Field trials on corn hybrid performance were conducted on experiment stations throughout the state to evaluate yield performance under different climatic factors and soil types. Non-irrigated, conventional tillage trials were conducted at two locations in the northern region, two locations in the central region, and two locations in the southern region. The non-irrigated location at E.V. Smith Field Crops Unit in central Alabama was “no-till”. In addition, an irrigated, conventional tillage corn hybrid test was conducted in the northern region at Belle Mina (TVREC), and in the central region at Prattville (PARU).

Methods

Field trials at all locations were conducted with hybrids arranged in a “randomized complete block design” with four replications. Plots were 2, 30- or 36-inch wide rows that were 20 to 30 feet long, according to the location (Table 1). Planting rate was 28,000 or 32,000 seeds/acre. The entire plot was machine-harvested for yield and grain moisture content recorded. Grain yields were adjusted to 15.5% moisture and converted to yield (bushels/acre). No significant lodging was noted at any location.

Tables

**Abbreviations: REC, Research and Extension Center; ARU, Agricultural Research Unit*

2016 Field Corn Hybrid Yield Performance

Table 1. Locations and cultural practices for the Alabama 2015 field corn hybrid trials.

Northern Region

Table 2. Performance of non-irrigated field corn hybrids in North Alabama, TVREC, Belle Mina

Table 3. Performance of irrigated field corn hybrids in North Alabama, TVREC, Belle Mina

Table 4. Performance of non-irrigated field corn hybrids in Northeast Alabama, SMREC, Crossville

Central Region

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Table 11. 2016 Rainfall measurements at Alabama research sites

Table 12. Soil types for Alabama field corn trials, 2016

Table 13. Sources of 2016 Field Corn Hybrid Trial Seed

Table 1. Locations and Cultural Practices for the 2016 Corn Hybrid Trials

| Location | Planting date | Nitrogen rate * | Plant pop. | Date harvested | Herbicides used |
|---|---------------|-----------------|------------|----------------|-----------------|
| | | (lbs/ac) | (seeds/ac) | | |
| North Alabama | | | | | |
| Tennessee Valley REC (Belle Mina) | | | | | |
| Regular test (Non-Irrigated) | April 5 | 175 | 28,000 | September 6 | Atrazine/Dual |
| Regular test (Irrigated) 8.9 inches total | April 5 | 250 | 32,000 | September 12 | Atrazine/Dual |
| Sand Mountain REC (Crossville) | | | | | |
| Regular test | April 19 | 120 | 28,000 | September 14 | Atrazine/Dual |
| Central Alabama | | | | | |
| E.V. Smith Research Center (Shorter) | | | | | |
| No-till test | April 11 | 140 | 32,000 | August 29 | Atrazine/Dual |
| Prattville Agricultural Res. Unit (Prattville) | | | | | |
| Regular test (Non-Irrigated) | April 5 | 120 | 28,000 | Not harvested | Atrazine/Dual |
| Regular test (Irrigated) 3.1 inches total | April 5 | 250 | 32,000 | September 8 | Atrazine/Dual |
| South Alabama | | | | | |
| Brewton Agricultural Res. Unit (Brewton) | | | | | |
| Regular test | April 6 | 180 | 28,000 | August 26 | Atrazine/Dual |
| Gulf Coast REC (Fairhope) | | | | | |
| Regular test (Non-Irrigated) | April 6 | 150 | 28,000 | August 22 | Atrazine/Dual |
| Regular test (Irrigated) 4.0 inches total | April 6 | 200 | 32,000 | August 22 | Atrazine/Dual |

* Lime, phosphorus, potassium, zinc, and sulfur were applied according to soil test recommendations.

Table 2. Performance of Non-Irrigated Field Corn Hybrids in North Alabama, 2016

| Tennessee Valley Research & Extension Center - Belle Mina, AL | | | | |
|---|-------|-------------------------|---------------|--------|
| | Yield | Hybrid | Yield | Test |
| | rank | | bushels/acre | weight |
| | 1 | Mycogen 2D848 | 66 | 61.4 |
| | 2 | Mycogen X14730VH | 59 | 60.6 |
| | 3 | Mycogen X13813VH | 57 | 58.5 |
| | 4 | AgriGold A6572VT2PRO | 56 | 61.3 |
| | 5 | Terral REV 18BHR84 | 52 | 58.7 |
| | 6 | Dekalb DKC 64-35 | 52 | 61.1 |
| | 7 | Augusta 7766VT2PRO | 50 | 59.7 |
| | 8 | DynaGro D 54DC94 | 50 | 60.2 |
| | 9 | DynaGro D54VC52 | 49 | 60.3 |
| | 10 | Dekalb DKC 67-44 | 49 | 60.6 |
| | 11 | TA 787-30 | 47 | 59.5 |
| | 12 | Mycogen 2C786 | 44 | 57.0 |
| | 13 | AgriGold A6719VT2PRO | 44 | 62.6 |
| | 14 | Augusta A7767VT2PRO | 43 | 60.3 |
| | 15 | Augusta A7768GT3110 | 42 | 58.3 |
| | 16 | AgriGold A6711VT2PRO | 41 | 61.5 |
| | 17 | DynaGro D 57VP51 | 40 | 59.4 |
| | 18 | Dekalb DKC 66-75 | 38 | 59.9 |
| | 19 | Mycogen 2C797 | 38 | 59.8 |
| | 20 | AgriGold A6659VT2RIB | 38 | 60.1 |
| | 21 | Mycogen X13823S3 | 37 | 59.2 |
| | 22 | TA 774-22DPRIB | 36 | 60.4 |
| | 23 | DynaGro D 57VP75 | 36 | 60.0 |
| | 24 | AgriGold A6559VT2RIB | 35 | 59.9 |
| | 25 | AgriGold A6499VT2RIB | 35 | 60.8 |
| | 26 | Dekalb DKC 70-27 | 34 | 61.1 |
| | 27 | Mycogen X14677S2 | 34 | 58.7 |
| | 28 | AgriGold A6652VT2PRO | 34 | 59.7 |
| | 29 | Syngenta NK N68K-3111A | 33 | 53.8 |
| | 30 | Terral REV 24BHR93 | 32 | 61.7 |
| | 31 | Terral REV 25BHR26 | 32 | 62.4 |
| | 32 | Terral REV 26BHR50 | 32 | 61.7 |
| | 33 | Syngenta NK N69D-3000GT | 30 | 58.9 |
| | 34 | Terral REV 23BHR55 | 30 | 59.8 |
| | 35 | AgriGold A6687VT2PRO | 29 | 61.1 |
| | 36 | AgriGold A6544VT2PRO | 28 | 59.3 |
| | 37 | Terral-REV 28HR20 | 27 | 61.8 |
| | 38 | TA 765-30 | 15 | 60.7 |
| | | Grand mean | 40 | |
| | | CV (%) | 21 | |
| | | Pr>F | 0.0001 | |
| | | LSD (0.10) | 10 | |

Table 3. Performance of Irrigated Field Corn Hybrids in North Alabama, 2016

| Tennessee Valley Research & Extension Center - Belle Mina, AL | | | | |
|--|--------------|-------------------------|---------------------|---------------|
| | Yield | Hybrid | Yield | Test |
| | rank | | bushels/acre | weight |
| | 1 | Dekalb DKC 67-44 | 255 | 62.0 |
| | 2 | Terral REV 25BHR26 | 247 | 62.6 |
| | 3 | DynaGro D 54DC94 | 241 | 59.8 |
| | 4 | Dekalb DKC 66-75 | 241 | 60.2 |
| | 5 | Augusta A7767VT2PRO | 238 | 60.6 |
| | 6 | AgriGold A6719VT2PRO | 238 | 62.2 |
| | 7 | AgriGold A6652VT2PRO | 237 | 59.1 |
| | 8 | TA 787-30 | 236 | 60.6 |
| | 9 | Terral REV 26BHR50 | 231 | 63.5 |
| | 10 | Augusta A7768GT3110 | 231 | 61.1 |
| | 11 | AgriGold A6559VT2RIB | 229 | 61.8 |
| | 12 | AgriGold A6659VT2RIB | 229 | 61.6 |
| | 13 | AgriGold A6544VT2PRO | 229 | 60.4 |
| | 14 | AgriGold A6572VT2PRO | 228 | 62.2 |
| | 15 | Syngenta NK N69D-3000GT | 228 | 61.2 |
| | 16 | DynaGro D 57VP51 | 227 | 61.6 |
| | 17 | Terral REV 23BHR55 | 224 | 60.1 |
| | 18 | Mycogen X13813VH | 222 | 59.2 |
| | 19 | Terral REV 24BHR93 | 221 | 61.4 |
| | 20 | Mycogen X14730VH | 221 | 60.3 |
| | 21 | TA 765-30 | 220 | 62.5 |
| | 22 | Terral REV 18BHR84 | 220 | 60.0 |
| | 23 | Mycogen X14677S2 | 220 | 59.5 |
| | 24 | AgriGold A6711VT2PRO | 220 | 61.3 |
| | 25 | Dekalb DKC 64-35 | 219 | 61.3 |
| | 26 | AgriGold A6499VT2RIB | 214 | 62.1 |
| | 27 | Augusta 7766VT2PRO | 212 | 60.0 |
| | 28 | Mycogen 2C797 | 212 | 60.0 |
| | 29 | Mycogen 2C786 | 211 | 59.6 |
| | 30 | TA 774-22DPRIB | 209 | 60.7 |
| | 31 | Terral-REV 28HR20 | 205 | 62.2 |
| | 32 | Dekalb DKC 70-27 | 204 | 61.4 |
| | 33 | DynaGro D 57VP75 | 204 | 60.0 |
| | 34 | Mycogen 2D848 | 204 | 61.5 |
| | 35 | DynaGro D54VC52 | 202 | 61.1 |
| | 36 | AgriGold A6687VT2PRO | 198 | 61.7 |
| | 37 | Mycogen X13823S3 | 196 | 61.2 |
| | 38 | Syngenta NK N68K-3111A | 192 | 55.6 |
| | | Grand mean | 222 | |
| | | CV (%) | 9.3 | |
| | | Pr>F | 0.0020 | |
| | | LSD (0.10) | 24 | |

Table 4. Performance of Non-Irrigated Field Corn Hybrids in Northeast Alabama, 2016

| Sand Mountain Research & Extension Center - Crossville, AL | | | | |
|---|--------------|-------------------------|---------------------|---------------|
| | Yield | Hybrid | Yield | Test |
| | rank | | bushels/acre | weight |
| | 1 | Mycogen X14730VH | 155 | 55.7 |
| | 2 | AgriGold A6711VT2PRO | 140 | 57.7 |
| | 3 | TA 787-30 | 138 | 58.3 |
| | 4 | AgriGold A6572VT2PRO | 134 | 59.7 |
| | 5 | DynaGro D 54DC94 | 132 | 57.3 |
| | 6 | Mycogen 2D848 | 132 | 58.5 |
| | 7 | Dekalb DKC 66-75 | 131 | 58.1 |
| | 8 | TA 774-22DPRIB | 131 | 58.5 |
| | 9 | AgriGold A6499VT2RIB | 129 | 58.7 |
| | 10 | DynaGro D 57VP51 | 129 | 57.6 |
| | 11 | Mycogen 2C786 | 129 | 55.9 |
| | 12 | AgriGold A6544VT2PRO | 128 | 57.5 |
| | 13 | Augusta 7766VT2PRO | 127 | 57.3 |
| | 14 | Dekalb DKC 70-27 | 127 | 58.5 |
| | 15 | Mycogen X13813VH | 126 | 55.9 |
| | 16 | Augusta A7768GT3110 | 126 | 57.2 |
| | 17 | Dekalb DKC 67-44 | 126 | 59.0 |
| | 18 | AgriGold A6719VT2PRO | 126 | 58.9 |
| | 19 | Dekalb DKC 64-35 | 125 | 59.1 |
| | 20 | Terral REV 25BHR26 | 122 | 59.9 |
| | 21 | AgriGold A6659VT2RIB | 122 | 57.8 |
| | 22 | DynaGro D 57VP75 | 122 | 58.0 |
| | 23 | Mycogen X13823S3 | 120 | 57.1 |
| | 24 | Mycogen 2C797 | 120 | 56.6 |
| | 25 | Mycogen X14677S2 | 120 | 54.6 |
| | 26 | DynaGro D54VC52 | 119 | 58.5 |
| | 27 | AgriGold A6687VT2PRO | 118 | 59.1 |
| | 28 | Augusta A7767VT2PRO | 118 | 58.6 |
| | 29 | Terral REV 18BHR84 | 117 | 55.5 |
| | 30 | Syngenta NK N68K-3111A | 116 | 51.5 |
| | 31 | AgriGold A6652VT2PRO | 110 | 55.8 |
| | 32 | Terral REV 26BHR50 | 109 | 59.7 |
| | 33 | Terral REV 23BHR55 | 107 | 56.9 |
| | 34 | AgriGold A6559VT2RIB | 107 | 58.1 |
| | 35 | Terral-REV 28HR20 | 103 | 59.7 |
| | 36 | Terral REV 24BHR93 | 103 | 58.2 |
| | 37 | TA 765-30 | 103 | 59.9 |
| | 38 | Syngenta NK N69D-3000GT | 96 | 56.5 |
| | | Grand mean | 122 | |
| | | CV (%) | 9.7 | |
| | | Pr>F | 0.0001 | |
| | | LSD (0.10) | 14 | |

Table 5. Performance of Non-Irrigated Field Corn Hybrids in Central Alabama, 2016

E.V. Smith Research & Extension Center - Shorter, AL

There was no data reported for this location in the non-irrigated test due to poor yields resulting from drought conditions.

Table 6. Performance of Non-Irrigated Field Corn Hybrids in Central Alabama, 2016

Prattville Agricultural Research Unit - Prattville, AL

There was no data reported for this location in the non-irrigated test due to poor stand and drought conditions.

Table 7. Performance of Irrigated Field Corn Hybrids in Central Alabama, 2016

| Prattville Agricultural Research Unit - Prattville, AL | | | | |
|--|-------|-------------------------|---------------|--------|
| | Yield | Hybrid | Yield | Test |
| | rank | | bushels/acre | weight |
| 1 | | AgriGold A6711VT2PRO | 192 | 57.3 |
| 2 | | AgriGold A6499VT2RIB | 190 | 59.1 |
| 3 | | Mycogen X14730VH | 186 | 54.5 |
| 4 | | Terral REV 23BHR55 | 183 | 54.0 |
| 5 | | Mycogen 2D848 | 174 | 57.8 |
| 6 | | DynaGro D 54DC94 | 174 | 55.8 |
| 7 | | Augusta A5565VT2PRO | 169 | 57.9 |
| 8 | | TA 765-30 | 168 | 57.8 |
| 9 | | Syngenta NK N68K-3111A | 168 | 51.1 |
| 10 | | TA 774-22DPRIB | 167 | 56.2 |
| 11 | | DynaGro D 57VP75 | 167 | 55.3 |
| 12 | | Augusta A7768GT3110 | 167 | 57.1 |
| 13 | | AgriGold A6544VT2PRO | 166 | 56.8 |
| 14 | | AgriGold A6572VT2PRO | 165 | 55.8 |
| 15 | | AgriGold A6652VT2PRO | 165 | 55.3 |
| 16 | | Terral REV 26BHR50 | 164 | 58.2 |
| 17 | | DynaGro D 57VP51 | 162 | 55.6 |
| 18 | | AgriGold A6559VT2RIB | 161 | 58.2 |
| 19 | | AgriGold A6687VT2PRO | 161 | 57.0 |
| 20 | | Dekalb DKC 66-75 | 161 | 55.0 |
| 21 | | Mycogen X13813VH | 161 | 52.6 |
| 22 | | Syngenta NK N69D-3000GT | 160 | 55.5 |
| 23 | | Mycogen 2C797 | 160 | 57.0 |
| 24 | | Augusta 7766VT2PRO | 159 | 57.1 |
| 25 | | Dekalb DKC 64-35 | 158 | 57.7 |
| 26 | | Mycogen X13823S3 | 157 | 54.0 |
| 27 | | Mycogen 2C786 | 156 | 55.1 |
| 28 | | Terral REV 25BHR26 | 155 | 58.1 |
| 29 | | DynaGro D54VC52 | 149 | 55.6 |
| 30 | | AgriGold A6719VT2PRO | 142 | 55.1 |
| 31 | | Dekalb DKC 67-44 | 142 | 56.4 |
| 32 | | AgriGold A6659VT2RIB | 141 | 55.6 |
| 33 | | Dekalb DKC 70-27 | 140 | 55.5 |
| 34 | | Terral-REV 28HR20 | 139 | 55.8 |
| 35 | | TA 787-30 | 129 | 57.6 |
| 36 | | Mycogen X14677S2 | 128 | 52.5 |
| | | | | |
| | | Grand mean | 161 | |
| | | CV (%) | 16.4 | |
| | | Pr>F | 0.1533 | |
| | | LSD (0.10) | 31 | |

Table 8. Performance of Non-Irrigated Field Corn Hybrids in South Central Alabama, 2016

| Brewton Agricultural Research Unit - Brewton, AL | | | | |
|---|--------------|-------------------------|---------------------|---------------|
| | Yield | Hybrid | Yield | Test |
| | rank | | bushels/acre | weight |
| | 1 | Mycogen 2D848 | 174 | 54.3 |
| | 2 | Dekalb DKC 67-44 | 171 | 56.3 |
| | 3 | Mycogen X13813VH | 164 | 55.3 |
| | 4 | Augusta A7768GT3110 | 158 | 54.5 |
| | 5 | TA 765-30 | 158 | 55.4 |
| | 6 | Augusta 7766VT2PRO | 157 | 55.6 |
| | 7 | Dekalb DKC 70-27 | 156 | 54.1 |
| | 8 | Mycogen X14730VH | 155 | 55.2 |
| | 9 | TA 774-22DPRIB | 155 | 55.1 |
| | 10 | DynaGro D 57VP51 | 155 | 55.2 |
| | 11 | Terral REV 26BHR50 | 152 | 55.0 |
| | 12 | DynaGro D58VC65 | 152 | 55.7 |
| | 13 | Mycogen X14677S2 | 152 | 56.3 |
| | 14 | Mycogen 2C797 | 151 | 56.0 |
| | 15 | Dekalb DKC 66-75 | 150 | 55.8 |
| | 16 | Terral-REV 28HR20 | 149 | 54.3 |
| | 17 | Mycogen 2C786 | 144 | 55.9 |
| | 18 | Terral REV 25BHR26 | 140 | 55.7 |
| | 19 | Mycogen X13823S3 | 140 | 54.6 |
| | 20 | Terral REV 23BHR55 | 140 | 56.3 |
| | 21 | TA 787-30 | 139 | 54.0 |
| | 22 | Dekalb DKC 64-35 | 135 | 56.2 |
| | 23 | Syngenta NK N69D-3000GT | 135 | 55.8 |
| | 24 | Syngenta NK N68K-3111A | 130 | 55.8 |
| | | | | |
| | | Grand mean | 151 | |
| | | CV (%) | 9.4 | |
| | | Pr>F | 0.0020 | |
| | | LSD (0.10) | 17 | |

Table 9. Performance of Non-Irrigated Field Corn Hybrids in Southwest Alabama, 2016

| Gulf Coast Research & Extension Center - Fairhope, AL | | | | |
|---|-------|-------------------------|---------------|--------|
| | Yield | Hybrid | Yield | Test |
| | rank | | bushels/acre | weight |
| | 1 | Mycogen X13813VH | 199 | 56.2 |
| | 2 | Dekalb DKC 67-44 | 197 | 55.8 |
| | 3 | DynaGro D 57VP51 | 197 | 56.6 |
| | 4 | DynaGro D58VC65 | 199 | 55.8 |
| | 5 | Mycogen X14730VH | 195 | 55.7 |
| | 6 | Dekalb DKC 66-75 | 192 | 56.5 |
| | 7 | Dekalb DKC 70-27 | 192 | 55.3 |
| | 8 | Augusta A7768GT3110 | 185 | 56.7 |
| | 9 | Terral REV 23BHR55 | 185 | 57.2 |
| | 10 | TA 774-22DPRIB | 184 | 56.2 |
| | 11 | Terral-REV 28HR20 | 184 | 55.9 |
| | 12 | Augusta 7766VT2PRO | 188 | 56.0 |
| | 13 | Mycogen X14677S2 | 185 | 57.2 |
| | 14 | Mycogen X13823S3 | 183 | 56.4 |
| | 15 | Terral REV 26BHR50 | 181 | 55.9 |
| | 16 | Mycogen 2D848 | 184 | 54.9 |
| | 17 | Mycogen 2C797 | 180 | 56.6 |
| | 18 | TA 765-30 | 177 | 56.8 |
| | 19 | Terral REV 25BHR26 | 172 | 57.2 |
| | 20 | Syngenta NK N68K-3111A | 177 | 56.7 |
| | 21 | TA 787-30 | 173 | 53.8 |
| | 22 | Mycogen 2C786 | 171 | 56.7 |
| | 23 | Dekalb DKC 64-35 | 164 | 57.0 |
| | 24 | Syngenta NK N69D-3000GT | 159 | 57.7 |
| | | Grand mean | 184 | |
| | | CV (%) | 5 | |
| | | Pr>F | 0.0001 | |
| | | LSD (0.10) | 13 | |

Table 10. Performance of Irrigated Field Corn Hybrids in Southwest Alabama, 2016

| Gulf Coast Research & Extension Center - Fairhope, AL | | | | |
|--|--------------|-------------------------|---------------------|---------------|
| | Yield | Hybrid | Yield | Test |
| | rank | | bushels/acre | weight |
| | 1 | Terral REV 26BHR50 | 257 | 55.1 |
| | 2 | Dekalb DKC 70-27 | 251 | 55.1 |
| | 3 | Dekalb DKC 67-44 | 249 | 56.6 |
| | 4 | Terral-REV 28HR20 | 246 | 55.8 |
| | 5 | DynaGro D58VC65 | 242 | 56.9 |
| | 6 | DynaGro D 57VP51 | 239 | 56.2 |
| | 7 | TA 765-30 | 239 | 56.2 |
| | 8 | Augusta 7766VT2PRO | 239 | 55.8 |
| | 9 | Terral REV 25BHR26 | 236 | 56.5 |
| | 10 | Mycogen X14730VH | 236 | 55.3 |
| | 11 | Terral REV 23BHR55 | 234 | 56.5 |
| | 12 | Mycogen 2D848 | 233 | 54.9 |
| | 13 | Mycogen X13813VH | 232 | 55.8 |
| | 14 | Mycogen 2C797 | 231 | 56.2 |
| | 15 | Mycogen X14677S2 | 228 | 56.7 |
| | 16 | Dekalb DKC 66-75 | 228 | 56.4 |
| | 17 | Dekalb DKC 64-35 | 220 | 56.9 |
| | 18 | TA 787-30 | 217 | 54.5 |
| | 19 | Syngenta NK N69D-3000GT | 215 | 56.1 |
| | 20 | Mycogen X13823S3 | 214 | 55.9 |
| | 21 | TA 774-22DPRIB | 211 | 56.4 |
| | 22 | Mycogen 2C786 | 206 | 56.4 |
| | 23 | Syngenta NK N68K-3111A | 206 | 56.5 |
| | 24 | Augusta A7768GT3110 | 201 | 54.9 |
| | | | | |
| | | Grand mean | 230 | |
| | | CV (%) | 8.1 | |
| | | Pr>F | 0.0008 | |
| | | LSD (0.10) | 22 | |

Table 11. 2016 Rainfall Measurements at Alabama Research Sites

| Location | Year | Monthly rainfall in inches | | | | | | | 7-month |
|-------------------|------|----------------------------|------|-----|------|------|------|-------|---------|
| | | Mar. | Apr. | May | June | July | Aug. | Sept. | total |
| Belle Mina | | | | | | | | | |
| | 2016 | 3.2 | 3.8 | 1.6 | 1.9 | 3.1 | 6.6 | 0.2 | 20.4 |
| | 2015 | 5.7 | 8.4 | 5.0 | 4.1 | 4.7 | 7.9 | 1.6 | 37.4 |
| | 2014 | 2.7 | 6.1 | 2.7 | 6.9 | 4.6 | 2.1 | 1.3 | 26.4 |
| Crossville | | | | | | | | | |
| | 2016 | 4.0 | 3.6 | 2.9 | 3.0 | 4.7 | 2.7 | 1.2 | 22.1 |
| | 2015 | 3.9 | 8.3 | 2.4 | 1.5 | 4.9 | 7.7 | 1.9 | 30.6 |
| | 2014 | 3.9 | 8.9 | 3.7 | 5.8 | 6.8 | 1.8 | 1.6 | 32.5 |
| Shorter | | | | | | | | | |
| | 2016 | 5.6 | 8.6 | 1.7 | 2.6 | 4.4 | 3.9 | 1.2 | 28.0 |
| | 2015 | 1.7 | 4.9 | 8.0 | 4.5 | 4.8 | 4.4 | 1.4 | 29.7 |
| | 2014 | 6.0 | 9.6 | 6.2 | 6.0 | 3.9 | 2.5 | 2.0 | 36.2 |
| Prattville | | | | | | | | | |
| | 2016 | 3.2 | 12.1 | 2.1 | 4.2 | 1.3 | 5.3 | 1.4 | 29.6 |
| | 2015 | 4.2 | 5.5 | 4.6 | 6.8 | 7.9 | 3.0 | 3.1 | 35.1 |
| | 2014 | 6.8 | 8.0 | 5.2 | 4.2 | 4.4 | 4.1 | 2.5 | 35.2 |
| Brewton | | | | | | | | | |
| | 2016 | 8.2 | 11.2 | 3.9 | 3.9 | 7.4 | 5.8 | 2.9 | 43.3 |
| | 2015 | 2.4 | 5.9 | 5.6 | 2.9 | 7.9 | 4.9 | 3.9 | 33.5 |
| | 2014 | 9.3 | 11.9 | 8.1 | 8.3 | 7.5 | 6.7 | 4.4 | 56.2 |
| Fairhope | | | | | | | | | |
| | 2016 | 10.1 | 6.7 | 2.9 | 4.4 | 5.1 | 7.9 | 4.1 | 41.2 |
| | 2015 | 7.2 | 10.5 | 2.7 | 4.9 | 6.7 | 5.4 | 3.6 | 41.0 |
| | 2014 | 8.5 | 27.0 | 8.2 | 8.7 | 6.4 | 1.7 | 5.8 | 66.3 |

Table 12. Soil Types for Corn trials, 2016

| Trial Location | Soil Type |
|-----------------------|----------------------------|
| North | |
| Belle Mina | Decatur silt loam |
| Crossville | Wynnvillev fine sandy loam |
| Central | |
| Shorter | Norfolk sandy loam |
| Prattville | Lucedale fine sandy loam |
| South | |
| Brewton | Benndale fine sandy loam |
| Fairhope | Malbis fine sandy loam |

Table 13. Sources of 2016 Corn Hybrid Trial Seed

| Seed Company | Brand | Seed Company | Brand |
|---|--------------|---|--------------|
| AgriGold Hybrids 5381 Akin Road St. Francisville, IL 62460 | AgriGold | Mycogen Seeds 253 Avondale Road Greenville, MS 38703 | Mycogen |
| Augusta Seed P.O. Box 899 Verona, VA 24482 | Augusta | Syngenta NK Brand Seed 215 Seville Place Starkville, MS 39756 | NK |
| Crop Production Services 720 Hwy 52 South Kinston, AL 36453 | DynaGro | T.A. Seeds 39 Seeds Lane Jersey Shore, PA 17740 | TA |
| Monsanto Company 800 N. Lindbergh Blvd St. Louis, MO 63167 | Dekalb DKC | Terral Seed, Inc. 117 Ellington Dr. Rayville, LA 71269 | REV |

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Alabama Agricultural Experiment Station Outlying Units Conducting Row Crop Variety Trials

Northern Region

Sand Mountain Research and Extension Center, Crossville

William Clements, Director

Clint McElmoyl, Assoc. Director

Tennessee Valley Research and Extension Center, Belle Mina

Chet Norris, Director

David Harkins, Assoc. Director



Central Region

Black Belt Research and Extension Center, Marion Junction

Jamie Yeager, Director

Gene Pegues, Assoc. Director

E.V. Smith Research and Extension Center, Field Crops & Plant Breeding Unit, Tallassee

Greg Pate, Director

Shawn Scott, Assoc. Director

Jason Burkett, Assoc. Director

Prattville Agricultural Research Unit, Prattville

Don Moore, Director



Southern Region

Brewton Agricultural Research Unit, Brewton

Malcomb Pegues, Director

Brad Miller, Assoc. Director

Gulf Coast Research and Extension Center, Fairhope

Malcomb Pegues, Director

Jarrod Jones, Assoc. Director

Wiregrass Research and Extension Center, Headland

Larry Wells, Director

Brian Gamble, Assoc. Director



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