



# PERFORMANCE OF COTTON VARIETIES IN ALABAMA, 2024

DEPT. SERIES NO. CSES2024: COTTON  
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 CROP, SOIL & ENVIRONMENTAL SCIENCES  
 AUBURN UNIVERSITY, AL  
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## MISSION

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.

## HOW TO INTERPRET RESULTS

The purpose of the variety trial data is to determine whether differences are due to genetic performance. These differences cannot be measured absolutely due to environmental field conditions (rainfall, temperatures, soil fertility, soil type, disease, insects, etc.). Yields may differ between plots of the same entry. This variation is accounted for using experimental design and statistics.

The least significant difference (LSD) is used to determine whether the observed differences between entries are real or are caused by random variation. When using the LSD, two entries may have numerically different values, but the values are not statistically different. When two entries are compared and the observed difference is larger than the LSD, the entries are considered statistically different. An alpha level of 0.10 is used, meaning that the differences observed are expected to be real 90% of the time.

The coefficient of variation (CV) is a measure used to compare the amount of random variation within a data set. The lower the CV, the more precise the data set.

Each table is organized in a manner that it is easy to read. The data is sorted from highest yielding to lowest. The bolded values are not statistically different from the highest yielding value.

A dark line in the table visually represents the test average. Any value above the line is equal to or greater than the test average. The numeric value for the test average is at the bottom of the tables.

**Test results do not imply recommendation or endorsement by the Auburn University Variety Testing Program.**

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Cody Fust, Associate Director

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## E.V. SMITH RESEARCH AND EXTENSION CENTER PLANT BREEDING UNIT, TALLASSEE, AL

Nic Stockdale, Associate Director

CONVENTIONAL

## PRATTVILLE AGRICULTURAL RESEARCH UNIT PRATTVILLE, AL

Josh Canterbury, Associate Director

IRRIGATED FULL SEASON  
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# NORTH REGION

David Harkins, Director, North Region

## TENNESSEE VALLEY RESEARCH AND EXTENSION CENTER BELLE MINA, AL

Cody Key, Associate Director

IRRIGATED FULL SEASON  
IRRIGATED SHORT SEASON  
NON-IRRIGATED FULL SEASON  
NON-IRRIGATED SHORT SEASON  
CONVENTIONAL

## MANAGEMENT

Two subsamples per variety are obtained from each trial. These subsamples are ginned on a small laboratory gin. Turnout rates from these gins are generally higher than those from commercial gins. However, the differences between varieties remain relative. Once ginned, the samples are sent to the USDA Cotton Classing Office for quality analysis.

Cotton Extension Agronomist, Dr. Steve Brown, and Assistant Extension Professor, Dr. Tyler Sandlin, produced an extension publication “[How to Think About Fiber Quality in Cotton](#)” which describes each quality characteristic and the factors that influence each.

TABLE 1 – LOCATION-SPECIFIC INFORMATION

| Research Center         | Tennessee Valley                                                                           | E.V. Smith                                                                                 | Prattville                                                                 | Wiregrass                                                                  | Brewton                                     | Gulf Coast                  |
|-------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|----------------------------------------------------------------------------|---------------------------------------------|-----------------------------|
| Location                | Belle Mina                                                                                 | Shorter<br>Tallassee                                                                       | Prattville                                                                 | Headland                                                                   | Brewton                                     | Fairhope                    |
| Region                  | North                                                                                      | Central                                                                                    | Central                                                                    | South                                                                      | South                                       | South                       |
| Environments            | Full Season Irr<br>Full Season Dry<br>Short Season Irr<br>Short Season Dry<br>Conventional | Full Season Irr<br>Full Season Dry<br>Short Season Irr<br>Short Season Dry<br>Conventional | Full Season Irr<br>Full Season Dry<br>Short Season Irr<br>Short Season Dry | Full Season Irr<br>Full Season Dry<br>Short Season Irr<br>Short Season Dry | Full Season<br>Short Season<br>Conventional | Full Season<br>Short Season |
| Soil Type               | Decatur Silt Loam                                                                          | Marvyn Sandy<br>Loam<br>Kalmia Loamy<br>Sand                                               | Lucedale Fine<br>Sandy Loam                                                | Dothan Sandy<br>Loam                                                       | Benndale Fine<br>Sandy Loam                 | Malbis Fine<br>Sandy Loam   |
| Row Spacing<br>(inches) | 40                                                                                         | 36                                                                                         | 36                                                                         | 36                                                                         | 36                                          | 38                          |
| Tillage                 | No-Till                                                                                    | Strip-Till                                                                                 | Strip-Till                                                                 | Strip-Till                                                                 | Strip-Till                                  | No-Till                     |
| Test Conducted<br>By    | C. Key                                                                                     | N. Stockdale<br>C. Fust                                                                    | J. Canterbury                                                              | C. Parker                                                                  | B. Miller                                   | T. Frank                    |

TABLE 2 – PLANT/HARVEST DATES

| Research Center            | Tennessee Valley     | E.V. Smith           | Prattville            | Wiregrass             | Brewton              | Gulf Coast          |
|----------------------------|----------------------|----------------------|-----------------------|-----------------------|----------------------|---------------------|
| Full Season Irrigated      | May 13<br>October 18 | NA                   | May 1<br>September 20 | May 22<br>October 24  | NA                   | NA                  |
| Full Season Non-Irrigated  | May 13<br>October 4  | May 16<br>October 10 | May 1<br>September 24 | May 22<br>October 25  | May 2<br>October 2   | May 6<br>October 17 |
| Short Season Irrigated     | May 23<br>October 30 | Not Reported         | May 20<br>October 17  | June 4<br>November 6  | NA                   | NA                  |
| Short Season Non-Irrigated | May 23<br>October 29 | Not Reported         | May 20<br>October 18  | June 4<br>November 19 | May 23<br>October 21 | June 17<br>Dec 4    |
| Conventional               | Not Reported         | Not Reported         | NA                    | NA                    | May 22<br>October 24 | NA                  |

TABLE 3 – RAINFALL &amp; IRRIGATION

| Research Center            | Tennessee Valley              | E.V. Smith                     | Prattville                     | Wiregrass                     | Brewton                       | Gulf Coast |
|----------------------------|-------------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|------------|
| Full Season Irrigated      | 17.1” Rain<br>5.7” Irrigation | Not Reported                   | 18.05” Rain<br>6.0” Irrigation | 26.0” Rain<br>8.1” Irrigation | NA                            | NA         |
| Full Season Non-Irrigated  | 17.1” Rain                    | 29.3” Rain                     | 18.05” Rain                    | 25.4” Rain<br>7.9” Irrigation | 23.39” Rain                   | 35.3” Rain |
| Short Season Irrigated     | 15.7” Rain<br>5.7” Irrigation | Not Reported                   | 14.85” Rain<br>5” Irrigation   | 25.4” Rain<br>7.9” Irrigation | NA                            | NA         |
| Short Season Non-Irrigated | 15.7” Rain                    | Not Reported                   | 14.85” Rain                    | 27.2” Rain                    | 18.3” Rain<br>0.5” Irrigation | 28.2” Rain |
| Conventional               | Not Reported                  | 26.04” Rain<br>1.0” Irrigation | NA                             | NA                            | 18.3” Rain<br>2.6” Irrigation | NA         |

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## SEED SOURCES

TABLE 4 – SEED SOURCE AND VARIETY NAME

| Source            | Variety                                                                                                                              |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Americot          | NG 3195 B3XF<br>NG 3457 B3XF<br>NG 4405 B3TXF<br>NG 5430 B3XF<br>AMX12507 B3TXF<br>AMX12572 B3TXF<br>AMX12526 B3XF<br>AMX12502 B3TXF |
| Auburn University | AU 17018-48-358<br>AU 17020-22-9-9<br>AU ACX 167-27-347<br>AU 87076<br>AU 17014-45-250<br>AU 90098-34-8-4                            |
| BASF - Stoneville | ST 6000AXTP<br>BX 2531AXTP<br>BX 2533AXTP<br>BX 2555AXTP<br>BX 2556AXTP<br>BX 2557AXTP                                               |

| Source               | Variety                                                                                                                                                                                                               |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Bayer Crop Science   | DP 2038 B3XF<br>DP 2127 B3XF<br>DP 1822 XF<br>DP 2211 B3TXF<br>DP 2333 B3XF<br>DP 2328 B3TXF<br>DP 2414 B3TXF<br>DP 2317 B3TXF<br>23R9918B3TXF<br>23R9822B3TXF<br>23R9143B3TXF<br>23R8029B3TXF<br>DP 2141NR B3TXF     |
| Corteva Agriscience  | PHY332W3FE<br>PHY360W3FE<br>PHY400W3FE<br>PHY411W3FE<br>PHY415W3FE<br>PHY443W3FE<br>PHY545W3FE<br>PHY475W3FE<br>1140F331-04<br>1140F330-04<br>1150F360-04<br>1150F361-04<br>1140F329-04<br>1130F309-04<br>1150F357-04 |
| Dyna-Gro             | DG 3615 B3XF<br>DG H959 B3XF<br>DG 4529 B3TXF<br>DG 4434 B3TXF<br>DG 4530 B3TXF                                                                                                                                       |
| Land O' Lakes        | Armor 9371 B3XF<br>Armor 9831 B3XF<br>Armor 24X955 B3TXF<br>Armor 24X951 B3TXF<br>Armor 24X954 B3TXF                                                                                                                  |
| Seed Source Genetics | UA 222<br>UA 248                                                                                                                                                                                                      |

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TABLE 5 – TARGET SPOT DISEASE RATING SCALE

| Rating<br>1-9 | Description                                                      |
|---------------|------------------------------------------------------------------|
| 1             | No disease                                                       |
| 2             | Very few leaf spots                                              |
| 3             | Few leaf spots in lower and upper canopy                         |
| 4             | Some leaf spotting and <10% defoliation                          |
| 5             | Leaf spots noticeable and <25% defoliation                       |
| 6             | Leaf spots numerous and < 50% defoliation                        |
| 7             | Leaf spots very numerous and <75% defoliation                    |
| 8             | Numerous leaf spots on few remaining leaves and <95% defoliation |
| 9             | Plants defoliated or dead                                        |

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FULL SEASON  
GULF COAST RESEARCH AND EXTENSION CENTER  
FAIRHOPE, AL

TABLE 6 – LOCATION-SPECIFIC DATA

| Variety            | Lint Yield<br>pounds per<br>acre | Lint<br>% | Micronaire<br>units | Length<br>inches | Strength<br>g/tex | Uniformity<br>% |
|--------------------|----------------------------------|-----------|---------------------|------------------|-------------------|-----------------|
| Armor 9831 B3XF    | 1653                             | 43.2%     | 4.9                 | 1.17             | 32.0              | 82.6            |
| BX 2555AXTP        | 1618                             | 47.1%     | 4.4                 | 1.22             | 33.9              | 84.1            |
| DP 2333 B3XF       | 1590                             | 44.5%     | 5.0                 | 1.19             | 31.0              | 83.6            |
| Armor 9371 B3XF    | 1565                             | 45.3%     | 4.7                 | 1.17             | 30.4              | 84.4            |
| ST 6000AXTP        | 1543                             | 47.0%     | 4.4                 | 1.26             | 33.7              | 86.0            |
| 1150F360-04        | 1509                             | 43.5%     | 4.9                 | 1.20             | 33.2              | 85.3            |
| DP 2038 B3XF       | 1507                             | 46.4%     | 4.7                 | 1.12             | 29.9              | 81.7            |
| 23R8029B3TXF       | 1496                             | 45.8%     | 5.5                 | 1.24             | 34.9              | 85.5            |
| 1140F330-04        | 1479                             | 43.6%     | 4.8                 | 1.19             | 33.3              | 84.9            |
| 1150F357-04        | 1469                             | 44.9%     | 4.8                 | 1.14             | 34.2              | 84.5            |
| BX 2533AXTP        | 1464                             | 42.2%     | 4.6                 | 1.19             | 30.9              | 83.4            |
| DP 2127 B3XF       | 1461                             | 46.2%     | 5.3                 | 1.13             | 30.4              | 83.6            |
| DG 3615 B3XF       | 1451                             | 42.5%     | 4.8                 | 1.20             | 33.8              | 84.4            |
| 1140F331-04        | 1431                             | 45.5%     | 4.0                 | 1.19             | 35.9              | 85.0            |
| PHY400W3FE         | 1423                             | 43.9%     | 4.6                 | 1.20             | 33.1              | 83.0            |
| BX 2531AXTP        | 1412                             | 42.6%     | 4.3                 | 1.25             | 33.7              | 84.7            |
| PHY415W3FE         | 1391                             | 42.2%     | 4.7                 | 1.19             | 32.2              | 83.5            |
| DP 2328 B3TXF      | 1386                             | 45.5%     | 4.8                 | 1.17             | 29.9              | 81.6            |
| AMX12502 B3TXF     | 1378                             | 42.8%     | 4.4                 | 1.20             | 31.0              | 83.7            |
| 1150F361-04        | 1375                             | 42.7%     | 4.9                 | 1.23             | 35.4              | 84.4            |
| PHY411W3FE         | 1365                             | 45.6%     | 4.5                 | 1.14             | 30.9              | 82.1            |
| DG 4529 B3TXF      | 1363                             | 43.2%     | 4.5                 | 1.21             | 34.4              | 83.8            |
| NG 5430 B3XF       | 1359                             | 42.3%     | 4.7                 | 1.20             | 32.2              | 84.4            |
| NG 3195 B3XF       | 1356                             | 43.1%     | 4.6                 | 1.18             | 32.0              | 83.1            |
| PHY475W3FE         | 1345                             | 42.1%     | 4.8                 | 1.12             | 32.8              | 81.5            |
| PHY443W3FE         | 1334                             | 43.9%     | 4.5                 | 1.16             | 33.3              | 83.9            |
| AMX12507 B3TXF     | 1333                             | 41.4%     | 4.6                 | 1.23             | 32.1              | 84.5            |
| PHY545W3FE         | 1324                             | 44.1%     | 4.6                 | 1.17             | 33.2              | 83.5            |
| BX 2557AXTP        | 1284                             | 44.5%     | 4.8                 | 1.21             | 33.3              | 84.6            |
| DG H959 B3XF       | 1278                             | 39.8%     | 4.9                 | 1.22             | 33.7              | 83.7            |
| 23R9918B3TXF       | 1273                             | 44.8%     | 4.3                 | 1.19             | 32.6              | 82.9            |
| AMX12572 B3TXF     | 1272                             | 45.3%     | 4.8                 | 1.16             | 32.4              | 84.1            |
| DG 4434 B3TXF      | 1266                             | 46.2%     | 4.6                 | 1.20             | 32.2              | 83.2            |
| AMX12526 B3XF      | 1265                             | 45.5%     | 4.8                 | 1.16             | 31.4              | 84.2            |
| Armor 24X954 B3TXF | 1264                             | 43.6%     | 4.5                 | 1.14             | 29.0              | 83.2            |
| NG 3457 B3XF       | 1246                             | 42.5%     | 4.7                 | 1.17             | 29.8              | 83.2            |
| DP 2141NR B3TXF    | 1220                             | 42.2%     | 4.9                 | 1.20             | 34.6              | 84.3            |
| 1130F309-04        | 1217                             | 43.0%     | 4.7                 | 1.16             | 32.6              | 83.7            |
| 1140F329-04        | 1212                             | 44.6%     | 4.7                 | 1.18             | 31.9              | 83.2            |
| PHY360W3FE         | 1205                             | 42.1%     | 4.7                 | 1.18             | 31.6              | 82.9            |
| BX 2556AXTP        | 1198                             | 42.2%     | 4.3                 | 1.24             | 34.5              | 83.0            |

| Variety          | Lint Yield<br>pounds per<br>acre | Lint<br>% | Micronaire<br>units | Length<br>inches | Strength<br>g/tex | Uniformity<br>% |
|------------------|----------------------------------|-----------|---------------------|------------------|-------------------|-----------------|
| 23R9143B3TXF     | 1191                             | 44.7%     | 4.3                 | 1.22             | 35.8              | 85.1            |
| 23R9822B3TXF     | 1190                             | 44.1%     | 4.5                 | 1.21             | 32.1              | 82.9            |
| DG 4530 B3TXF    | 1176                             | 43.6%     | 4.7                 | 1.20             | 30.5              | 83.7            |
| PHY332W3FE       | 1152                             | 42.4%     | 4.3                 | 1.24             | 34.5              | 83.4            |
| DP 1822 XF       | 1102                             | 40.3%     | 4.5                 | 1.23             | 34.2              | 83.7            |
| NG 4405 B3TXF    | 991                              | 40.2%     | 4.3                 | 1.16             | 31.3              | 83.8            |
|                  |                                  |           |                     |                  |                   |                 |
| Average          | 1345                             | 43.6%     | 4.6                 | 1.19             | 32.6              | 83.7            |
| LSD at 10% level | 175                              | 1.5%      |                     |                  |                   |                 |
| CV               | 11                               | 1.7       |                     |                  |                   |                 |
| Model R-Square   | 0.57                             | 0.89      |                     |                  |                   |                 |

**Bolded yields** are NOT statistically different from the highest yielding entry.

**Bolded line** in table indicates test average.

**N.S.** –differences are statistically non-significant.

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SHORT SEASON  
GULF COAST RESEARCH AND EXTENSION CENTER  
FAIRHOPE, AL

TABLE 7 – LOCATION-SPECIFIC DATA

| Variety            | Lint Yield<br>pounds per<br>acre | Lint<br>% | Micronaire<br>units | Length<br>inches | Strength<br>g/tex | Uniformity<br>% |
|--------------------|----------------------------------|-----------|---------------------|------------------|-------------------|-----------------|
| DP 2414 B3TXF      | <b>1485</b>                      | 45.8%     | 4.4                 | 1.26             | 30.3              | 83.7            |
| Armor 9371 B3XF    | <b>1436</b>                      | 43.9%     | 4.0                 | 1.18             | 29.3              | 83.9            |
| DP 2211 B3TXF      | <b>1397</b>                      | 44.5%     | 4.3                 | 1.20             | 30.1              | 84.2            |
| PHY475W3FE         | <b>1374</b>                      | 42.1%     | 4.7                 | 1.14             | 33.0              | 82.7            |
| NG 3195 B3XF       | <b>1343</b>                      | 42.7%     | 4.0                 | 1.19             | 30.6              | 83.6            |
| DP 2127 B3XF       | <b>1341</b>                      | 43.4%     | 4.5                 | 1.15             | 29.1              | 83.8            |
| AMX12526 B3XF      | <b>1336</b>                      | 45.0%     | 4.5                 | 1.20             | 31.0              | 85.3            |
| PHY400W3FE         | <b>1322</b>                      | 43.5%     | 4.3                 | 1.23             | 32.5              | 83.7            |
| NG 5430 B3XF       | <b>1316</b>                      | 43.5%     | 4.4                 | 1.22             | 30.7              | 83.5            |
| 1140F330-04        | <b>1315</b>                      | 43.2%     | 4.3                 | 1.22             | 32.3              | 82.8            |
| 1150F357-04        | 1276                             | 43.0%     | 4.6                 | 1.17             | 34.2              | 85.3            |
| DG 4529 B3TXF      | 1260                             | 43.6%     | 4.2                 | 1.19             | 31.6              | 82.3            |
| NG 3457 B3XF       | 1212                             | 42.5%     | 4.1                 | 1.19             | 30.6              | 83.7            |
| PHY443W3FE         | 1197                             | 42.9%     | 4.6                 | 1.16             | 31.0              | 83.7            |
| PHY360W3FE         | 1194                             | 42.0%     | 4.4                 | 1.18             | 31.3              | 82.8            |
| AMX12502 B3TXF     | 1194                             | 44.7%     | 3.7                 | 1.27             | 31.2              | 82.2            |
| DG 4434 B3TXF      | 1187                             | 45.5%     | 3.9                 | 1.20             | 29.0              | 82.6            |
| 1150F361-04        | 1175                             | 42.0%     | 4.2                 | 1.26             | 31.8              | 84.3            |
| 1140F329-04        | 1169                             | 44.6%     | 4.3                 | 1.21             | 32.1              | 82.6            |
| DG 3615 B3XF       | 1151                             | 43.2%     | 4.1                 | 1.20             | 33.0              | 83.1            |
| DG 4530 B3TXF      | 1148                             | 43.7%     | 3.8                 | 1.21             | 28.7              | 82.5            |
| Armor 24X955 B3TXF | 1146                             | 44.0%     | 3.9                 | 1.19             | 31.6              | 83.0            |
| DP 2317 B3TXF      | 1137                             | 42.8%     | 4.2                 | 1.24             | 31.3              | 84.8            |
| 1140F331-04        | 1137                             | 44.5%     | 4.7                 | 1.22             | 34.7              | 85.0            |
| DP 1822 XF         | 1134                             | 41.4%     | 4.1                 | 1.21             | 33.8              | 83.3            |
| 1130F309-04        | 1113                             | 42.3%     | 4.2                 | 1.18             | 32.1              | 83.7            |
| 23R9918B3TXF       | 1100                             | 45.8%     | 4.1                 | 1.18             | 29.6              | 82.7            |
| Armor 24X951 B3TXF | 1100                             | 44.3%     | 4.1                 | 1.23             | 29.5              | 83.7            |
| DG H959 B3XF       | 1090                             | 41.4%     | 4.3                 | 1.21             | 32.3              | 83.4            |
| PHY415W3FE         | 1073                             | 42.8%     | 4.3                 | 1.22             | 30.6              | 83.0            |
| AMX12507 B3TXF     | 1067                             | 39.3%     | 4.0                 | 1.23             | 31.0              | 84.7            |
| 23R9822B3TXF       | 1053                             | 43.7%     | 3.9                 | 1.17             | 29.1              | 82.7            |
| NG 4405 B3TXF      | 1027                             | 40.6%     | 3.8                 | 1.26             | 30.7              | 84.4            |
| PHY332W3FE         | 1016                             | 41.9%     | 4.4                 | 1.26             | 32.9              | 84.8            |
| 1150F360-04        | 1011                             | 42.8%     | 4.0                 | 1.25             | 32.3              | 83.0            |
| PHY411W3FE         | 992                              | 45.1%     | 4.4                 | 1.13             | 32.1              | 83.3            |
| AMX12572 B3TXF     | 959                              | 44.5%     | 4.4                 | 1.15             | 28.4              | 84.0            |
|                    |                                  |           |                     |                  |                   |                 |
| Average            | 1187                             | 43.2%     | 4.2                 | 1.20             | 31.3              | 83.5            |
| LSD at 10% level   | 181                              | 1.4%      |                     |                  |                   |                 |
| CV                 | 12                               | 1.4       |                     |                  |                   |                 |
| Model R-Square     | 0.52                             | 0.87      |                     |                  |                   |                 |

**Bolded yields** are NOT statistically different from the highest yielding entry.

**Bolded line** in table indicates test average.

**N.S.** –differences are statistically non-significant.

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FULL SEASON  
BREWTON AGRICULTURAL RESEARCH UNIT  
BREWTON, AL

TABLE 8 – LOCATION-SPECIFIC DATA

| Variety            | Lint Yield<br>pounds per<br>acre | Lint<br>% | Micronaire<br>units | Length<br>inches | Strength<br>g/tex | Uniformity<br>% |
|--------------------|----------------------------------|-----------|---------------------|------------------|-------------------|-----------------|
| 23R8029B3TXF       | 2240                             | 46.2%     | 4.9                 | 1.14             | 30.3              | 81.9            |
| 1140F330-04        | 2175                             | 44.0%     | 4.4                 | 1.18             | 32.3              | 82.1            |
| 1140F331-04        | 2159                             | 45.2%     | 4.4                 | 1.16             | 34.5              | 83.1            |
| DP 2333 B3XF       | 2140                             | 44.3%     | 4.7                 | 1.13             | 30.0              | 81.4            |
| 1150F360-04        | 2099                             | 43.6%     | 4.4                 | 1.23             | 35.2              | 82.9            |
| DP 2038 B3XF       | 2087                             | 47.4%     | 4.7                 | 1.11             | 29.7              | 80.2            |
| DG 3615 B3XF       | 2081                             | 43.0%     | 4.3                 | 1.17             | 30.8              | 81.8            |
| Armor 9371 B3XF    | 2061                             | 44.7%     | 4.3                 | 1.15             | 30.6              | 82.8            |
| DP 2127 B3XF       | 2050                             | 44.6%     | 4.7                 | 1.14             | 30.4              | 82.8            |
| Armor 9831 B3XF    | 2036                             | 43.8%     | 4.7                 | 1.13             | 30.7              | 81.5            |
| DP 2328 B3TXF      | 2030                             | 45.0%     | 4.4                 | 1.15             | 29.8              | 81.3            |
| 1140F329-04        | 2026                             | 45.7%     | 4.3                 | 1.17             | 33.3              | 82.7            |
| ST 6000AXTP        | 2014                             | 46.4%     | 4.1                 | 1.18             | 33.2              | 81.7            |
| AMX12502 B3TXF     | 1964                             | 45.5%     | 4.2                 | 1.17             | 29.4              | 81.1            |
| AMX12526 B3XF      | 1963                             | 45.2%     | 4.4                 | 1.16             | 30.5              | 83.4            |
| DG H959 B3XF       | 1953                             | 42.3%     | 4.6                 | 1.17             | 31.1              | 81.0            |
| 1150F361-04        | 1945                             | 42.9%     | 4.3                 | 1.22             | 36.5              | 84.1            |
| 1150F357-04        | 1933                             | 43.5%     | 4.6                 | 1.12             | 33.4              | 83.1            |
| BX 2533AXTP        | 1928                             | 41.0%     | 4.1                 | 1.16             | 31.6              | 82.5            |
| BX 2556AXTP        | 1898                             | 42.9%     | 4.0                 | 1.19             | 33.4              | 82.9            |
| NG 5430 B3XF       | 1888                             | 42.2%     | 4.7                 | 1.19             | 31.4              | 82.4            |
| 1130F309-04        | 1887                             | 44.1%     | 4.1                 | 1.16             | 32.3              | 83.2            |
| 23R9918B3TXF       | 1878                             | 45.3%     | 4.4                 | 1.14             | 30.7              | 81.4            |
| DG 4434 B3TXF      | 1872                             | 44.8%     | 4.3                 | 1.14             | 29.1              | 81.2            |
| NG 3195 B3XF       | 1861                             | 43.6%     | 4.5                 | 1.12             | 30.0              | 82.2            |
| PHY475W3FE         | 1859                             | 40.9%     | 4.2                 | 1.22             | 30.6              | 81.1            |
| BX 2555AXTP        | 1855                             | 45.3%     | 4.4                 | 1.20             | 32.6              | 82.6            |
| PHY443W3FE         | 1853                             | 45.1%     | 4.4                 | 1.10             | 31.7              | 81.1            |
| DG 4530 B3TXF      | 1850                             | 43.9%     | 4.2                 | 1.18             | 30.6              | 82.5            |
| PHY415W3FE         | 1842                             | 43.4%     | 4.4                 | 1.18             | 34.7              | 82.6            |
| PHY360W3FE         | 1816                             | 42.3%     | 4.1                 | 1.16             | 30.1              | 80.8            |
| BX 2557AXTP        | 1791                             | 44.5%     | 4.5                 | 1.20             | 35.0              | 84.1            |
| AMX12507 B3TXF     | 1780                             | 42.5%     | 4.4                 | 1.20             | 31.6              | 82.4            |
| PHY411W3FE         | 1772                             | 46.0%     | 4.6                 | 1.11             | 30.6              | 82.1            |
| 23R9822B3TXF       | 1764                             | 44.5%     | 4.3                 | 1.13             | 29.1              | 81.6            |
| PHY400W3FE         | 1763                             | 43.6%     | 4.1                 | 1.19             | 33.4              | 82.4            |
| BX 2531AXTP        | 1746                             | 40.0%     | 3.9                 | 1.17             | 33.0              | 81.8            |
| DG 4529 B3TXF      | 1710                             | 42.7%     | 4.1                 | 1.14             | 28.7              | 81.9            |
| Armor 24X954 B3TXF | 1698                             | 44.6%     | 4.5                 | 1.12             | 28.8              | 82.4            |
| 23R9143B3TXF       | 1673                             | 45.4%     | 4.8                 | 1.16             | 32.1              | 82.6            |
| NG 3457 B3XF       | 1641                             | 43.1%     | 4.2                 | 1.20             | 31.2              | 83.3            |
| DP 2141NR B3TXF    | 1611                             | 44.0%     | 4.5                 | 1.16             | 33.9              | 80.8            |
| AMX12572 B3TXF     | 1575                             | 46.2%     | 4.7                 | 1.14             | 29.3              | 82.1            |

| Variety          | Lint Yield<br>pounds per<br>acre | Lint<br>% | Micronaire<br>units | Length<br>inches | Strength<br>g/tex | Uniformity<br>% |
|------------------|----------------------------------|-----------|---------------------|------------------|-------------------|-----------------|
| PHY545W3FE       | 1570                             | 44.9%     | 4.3                 | 1.13             | 30.8              | 82.3            |
| NG 4405 B3TXF    | 1537                             | 42.6%     | 4.1                 | 1.15             | 30.4              | 82.1            |
| PHY332W3FE       | 1516                             | 41.4%     | 4.2                 | 1.21             | 34.2              | 81.2            |
| DP 1822 XF       | 1444                             | 40.7%     | 4.4                 | 1.21             | 33.7              | 82.5            |
|                  |                                  |           |                     |                  |                   |                 |
| Average          | 1859                             | 43.8%     | 4.3                 | 1.16             | 31.6              | 82.1            |
| LSD at 10% level | 198                              | 1.7%      |                     |                  |                   |                 |
| CV               | 8                                | 2         |                     |                  |                   |                 |
| Model R-Square   | 0.66                             | 0.85      |                     |                  |                   |                 |

**Bolded yields** are NOT statistically different from the highest yielding entry.

**Bolded line** in table indicates test average.

**N.S.** –differences are statistically non-significant.

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SHORT SEASON  
BREWTON AGRICULTURAL RESEARCH UNIT  
BREWTON, AL

TABLE 9 – LOCATION-SPECIFIC DATA

| Variety            | Lint Yield<br>pounds per<br>acre | Lint<br>% | Micronaire<br>units | Length<br>inches | Strength<br>g/tex | Uniformity<br>% |
|--------------------|----------------------------------|-----------|---------------------|------------------|-------------------|-----------------|
| NG 5430 B3XF       | 1655                             | 42.3%     | 4.8                 | 1.20             | 32.8              | 84.3            |
| DG 4434 B3TXF      | 1647                             | 45.8%     | 4.8                 | 1.15             | 29.9              | 83.4            |
| DG H959 B3XF       | 1618                             | 43.1%     | 4.5                 | 1.19             | 33.9              | 84.4            |
| 1150F360-04        | 1618                             | 44.6%     | 4.8                 | 1.17             | 35.0              | 83.7            |
| 1140F329-04        | 1599                             | 45.1%     | 4.8                 | 1.16             | 34.2              | 84.3            |
| 1140F331-04        | 1591                             | 44.5%     | 4.8                 | 1.16             | 32.9              | 84.5            |
| 1150F361-04        | 1542                             | 44.0%     | 4.7                 | 1.20             | 36.4              | 85.2            |
| DP 2127 B3XF       | 1526                             | 43.5%     | 4.8                 | 1.13             | 30.4              | 84.1            |
| 1140F330-04        | 1517                             | 44.4%     | 4.5                 | 1.14             | 31.9              | 82.7            |
| PHY415W3FE         | 1483                             | 44.2%     | 4.5                 | 1.16             | 34.4              | 84.0            |
| DP 2414 B3TXF      | 1482                             | 45.5%     | 4.3                 | 1.13             | 29.3              | 83.3            |
| AMX12507 B3TXF     | 1452                             | 41.2%     | 4.5                 | 1.21             | 31.9              | 84.5            |
| DG 3615 B3XF       | 1446                             | 42.2%     | 4.6                 | 1.16             | 32.9              | 82.4            |
| DP 2211 B3TXF      | 1438                             | 43.3%     | 4.4                 | 1.16             | 30.3              | 84.1            |
| Armor 9371 B3XF    | 1428                             | 44.1%     | 4.4                 | 1.12             | 29.0              | 82.7            |
| PHY475W3FE         | 1424                             | 42.4%     | 4.5                 | 1.09             | 30.6              | 82.2            |
| AMX12502 B3TXF     | 1403                             | 42.7%     | 4.5                 | 1.17             | 30.9              | 83.0            |
| 23R9918B3TXF       | 1376                             | 45.6%     | 4.6                 | 1.11             | 30.3              | 83.6            |
| PHY360W3FE         | 1371                             | 43.2%     | 4.4                 | 1.15             | 30.1              | 82.1            |
| AMX12526 B3XF      | 1361                             | 44.4%     | 4.5                 | 1.16             | 30.6              | 83.9            |
| NG 3195 B3XF       | 1355                             | 43.6%     | 4.4                 | 1.14             | 32.7              | 84.5            |
| PHY443W3FE         | 1339                             | 44.1%     | 4.7                 | 1.12             | 32.9              | 83.6            |
| Armor 24X951 B3TXF | 1335                             | 46.3%     | 4.6                 | 1.16             | 29.3              | 84.0            |
| DP 2317 B3TXF      | 1331                             | 43.3%     | 4.5                 | 1.15             | 31.6              | 82.8            |
| PHY400W3FE         | 1321                             | 43.6%     | 4.3                 | 1.16             | 32.7              | 83.6            |
| PHY332W3FE         | 1317                             | 42.2%     | 4.5                 | 1.19             | 33.0              | 82.7            |
| Armor 24X955 B3TXF | 1316                             | 45.8%     | 4.1                 | 1.14             | 29.9              | 82.5            |
| DG 4530 B3TXF      | 1290                             | 43.8%     | 4.4                 | 1.17             | 30.3              | 85.0            |
| PHY411W3FE         | 1271                             | 45.1%     | 4.7                 | 1.07             | 30.6              | 82.5            |
| 1150F357-04        | 1260                             | 42.5%     | 4.6                 | 1.12             | 34.9              | 83.3            |
| DP 1822 XF         | 1255                             | 41.4%     | 4.4                 | 1.19             | 33.5              | 83.6            |
| 1130F309-04        | 1250                             | 43.0%     | 4.2                 | 1.15             | 33.7              | 84.2            |
| DG 4529 B3TXF      | 1218                             | 41.8%     | 4.7                 | 1.16             | 31.8              | 83.9            |
| 23R9822B3TXF       | 1218                             | 44.0%     | 4.2                 | 1.15             | 29.5              | 83.8            |
| NG 3457 B3XF       | 1191                             | 43.3%     | 4.3                 | 1.16             | 30.7              | 83.3            |
| NG 4405 B3TXF      | 1046                             | 41.8%     | 4.0                 | 1.15             | 31.5              | 83.4            |
| AMX12572 B3TXF     | 867                              | 44.7%     | 4.9                 | 1.12             | 29.5              | 83.3            |

| Variety          | Lint Yield<br>pounds per<br>acre | Lint<br>% | Micronaire<br>units | Length<br>inches | Strength<br>g/tex | Uniformity<br>% |
|------------------|----------------------------------|-----------|---------------------|------------------|-------------------|-----------------|
|                  |                                  |           |                     |                  |                   |                 |
| Average          | 1378                             | 43.6%     | 4.5                 | 1.15             | 31.8              | 83.5            |
| LSD at 10% level | 162                              | 1.6%      |                     |                  |                   |                 |
| CV               | 9                                | 2         |                     |                  |                   |                 |
| Model R-Square   | 0.66                             | 0.81      |                     |                  |                   |                 |

**Bolded yields** are NOT statistically different from the highest yielding entry.

**Bolded line** in table indicates test average.

**N.S.** –differences are statistically non-significant.

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CONVENTIONAL  
BREWTON AGRICULTURAL RESEARCH UNIT  
BREWTON, AL

TABLE 10 – LOCATION-SPECIFIC DATA

| Variety           | Lint Yield<br>Lbs per Acre | Lint<br>% | Micronaire<br>units | Length<br>inches | Strength<br>g/tex | Uniformity<br>% |
|-------------------|----------------------------|-----------|---------------------|------------------|-------------------|-----------------|
| DG 3615 B3XF      | 1582                       | 42.2%     | 4.8                 | 1.14             | 30.9              | 82.4            |
| NG 3195 B3XF      | 1564                       | 42.5%     | 4.5                 | 1.14             | 31.8              | 83.3            |
| DP 1822 XF        | 1525                       | 43.0%     | 4.8                 | 1.14             | 32.1              | 83.0            |
| UA 222            | 1498                       | 44.9%     | 5.0                 | 1.13             | 31.8              | 82.9            |
| PHY400W3FE        | 1477                       | 43.9%     | 4.4                 | 1.22             | 35.8              | 83.9            |
| AU ACX 167-27-347 | 1460                       | 43.0%     | 4.6                 | 1.18             | 33.8              | 82.8            |
| ST 6000AXTP       | 1444                       | 44.0%     | 4.5                 | 1.20             | 35.6              | 84.0            |
| AU 17018-48-358   | 1442                       | 38.8%     | 4.6                 | 1.20             | 33.6              | 82.4            |
| AU 17020-22-9-9   | 1439                       | 39.4%     | 4.4                 | 1.19             | 33.9              | 82.3            |
| AU 90098-34-8-4   | 1438                       | 42.2%     | 4.5                 | 1.17             | 33.7              | 83.2            |
| AU 17014-45-250   | 1435                       | 41.4%     | 4.4                 | 1.16             | 33.1              | 83.7            |
| AU 87076          | 1411                       | 40.2%     | 4.5                 | 1.24             | 34.5              | 84.1            |
| DP 2038 B3XF      | 1403                       | 40.3%     | 4.5                 | 1.15             | 33.3              | 82.0            |
| Armor 9371 B3XF   | 1369                       | 39.4%     | 4.2                 | 1.16             | 34.0              | 82.0            |
| UA 248            | 1327                       | 37.5%     | 4.3                 | 1.20             | 33.1              | 82.9            |
| DP 2127 B3XF      | 1326                       | 38.8%     | 4.2                 | 1.20             | 33.9              | 82.5            |
|                   |                            |           |                     |                  |                   |                 |
| Average           | 1443                       | 41.3%     | 4.5                 | 1.18             | 33.5              | 83.0            |
| LSD at 10% level  | N.S.                       | N.S.      |                     |                  |                   |                 |
| CV                | 8                          | 5         |                     |                  |                   |                 |
| Model R-Square    | 0.38                       | 0.64      |                     |                  |                   |                 |

**Bolded yields** are NOT statistically different from the highest yielding entry.

**Bolded line** in table indicates test average.

**N.S.** –differences are statistically non-significant.

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IRRIGATED FULL SEASON  
WIREGRASS RESEARCH AND EXTENSION CENTER  
HEADLAND, AL

TABLE 11 – LOCATION-SPECIFIC DATA

| Variety            | Lint Yield<br>pounds per<br>acre | Lint<br>% | Micronaire<br>units | Length<br>inches | Strength<br>g/tex | Uniformity<br>% |
|--------------------|----------------------------------|-----------|---------------------|------------------|-------------------|-----------------|
| NG 5430 B3XF       | 1749                             | 42.6%     | 4.9                 | 1.20             | 31.5              | 84.6            |
| DG H959 B3XF       | 1737                             | 41.5%     | 4.9                 | 1.20             | 34.4              | 83.9            |
| DG 3615 B3XF       | 1731                             | 43.9%     | 5.0                 | 1.15             | 31.8              | 83.1            |
| ST 6000AXTP        | 1681                             | 47.2%     | 4.4                 | 1.18             | 34.0              | 84.3            |
| DG 4529 B3TXF      | 1670                             | 43.9%     | 4.9                 | 1.16             | 31.2              | 84.0            |
| 1150F360-04        | 1666                             | 43.4%     | 4.7                 | 1.20             | 33.7              | 84.6            |
| 1140F329-04        | 1627                             | 44.1%     | 4.5                 | 1.17             | 32.3              | 83.7            |
| DP 2127 B3XF       | 1603                             | 44.1%     | 5.3                 | 1.11             | 30.0              | 83.5            |
| 1140F331-04        | 1599                             | 44.4%     | 4.9                 | 1.15             | 33.4              | 83.2            |
| 1140F330-04        | 1593                             | 44.4%     | 4.8                 | 1.16             | 33.2              | 85.0            |
| DP 2328 B3TXF      | 1590                             | 45.7%     | 4.9                 | 1.15             | 29.7              | 83.8            |
| 23R8029B3TXF       | 1571                             | 46.1%     | 5.5                 | 1.12             | 31.8              | 83.5            |
| PHY475W3FE         | 1566                             | 44.0%     | 4.9                 | 1.11             | 31.1              | 81.9            |
| BX 2555AXTP        | 1561                             | 47.2%     | 4.6                 | 1.16             | 32.5              | 84.2            |
| PHY415W3FE         | 1552                             | 43.0%     | 4.6                 | 1.18             | 34.6              | 85.1            |
| BX 2533AXTP        | 1545                             | 42.1%     | 4.9                 | 1.19             | 32.0              | 85.6            |
| AMX12502 B3TXF     | 1543                             | 44.7%     | 4.7                 | 1.16             | 29.5              | 83.6            |
| Armor 9371 B3XF    | 1542                             | 44.5%     | 5.1                 | 1.15             | 29.4              | 85.1            |
| DG 4434 B3TXF      | 1520                             | 45.9%     | 4.7                 | 1.16             | 30.4              | 84.5            |
| Armor 9831 B3XF    | 1478                             | 44.1%     | 5.1                 | 1.12             | 31.8              | 83.2            |
| 1150F361-04        | 1474                             | 42.9%     | 4.9                 | 1.16             | 33.7              | 84.2            |
| BX 2531AXTP        | 1473                             | 43.5%     | 4.3                 | 1.20             | 32.9              | 84.9            |
| 1130F309-04        | 1452                             | 43.9%     | 4.7                 | 1.12             | 32.1              | 84.3            |
| DP 2333 B3XF       | 1439                             | 45.6%     | 5.1                 | 1.13             | 29.0              | 83.7            |
| 23R9918B3TXF       | 1431                             | 46.6%     | 4.7                 | 1.10             | 28.1              | 82.6            |
| DP 2038 B3XF       | 1431                             | 46.7%     | 5.0                 | 1.08             | 29.4              | 82.5            |
| PHY443W3FE         | 1427                             | 43.7%     | 4.8                 | 1.13             | 33.4              | 84.5            |
| AMX12507 B3TXF     | 1410                             | 40.9%     | 4.4                 | 1.19             | 30.6              | 83.9            |
| 1150F357-04        | 1399                             | 43.9%     | 4.9                 | 1.09             | 33.6              | 84.5            |
| DG 4530 B3TXF      | 1398                             | 44.3%     | 4.7                 | 1.16             | 29.3              | 84.0            |
| BX 2556AXTP        | 1378                             | 43.3%     | 4.6                 | 1.18             | 33.7              | 83.7            |
| Armor 24X954 B3TXF | 1374                             | 44.1%     | 4.7                 | 1.12             | 28.3              | 82.5            |
| PHY400W3FE         | 1373                             | 43.8%     | 4.5                 | 1.16             | 32.4              | 83.8            |
| 23R9822B3TXF       | 1354                             | 45.6%     | 4.8                 | 1.13             | 29.8              | 82.4            |
| PHY545W3FE         | 1354                             | 44.8%     | 4.8                 | 1.12             | 31.3              | 83.8            |
| NG 3457 B3XF       | 1351                             | 44.1%     | 4.6                 | 1.17             | 30.6              | 84.1            |
| DP 2141NR B3TXF    | 1345                             | 44.8%     | 5.0                 | 1.16             | 35.3              | 83.5            |
| PHY360W3FE         | 1341                             | 41.5%     | 4.7                 | 1.15             | 29.1              | 83.7            |
| NG 3195 B3XF       | 1330                             | 43.0%     | 5.1                 | 1.11             | 31.1              | 83.4            |
| BX 2557AXTP        | 1295                             | 45.6%     | 5.1                 | 1.18             | 35.5              | 85.1            |

| Variety          | Lint Yield<br>pounds per<br>acre | Lint<br>% | Micronaire<br>units | Length<br>inches | Strength<br>g/tex | Uniformity<br>% |
|------------------|----------------------------------|-----------|---------------------|------------------|-------------------|-----------------|
| PHY332W3FE       | 1286                             | 43.2%     | 4.6                 | 1.15             | 30.8              | 82.4            |
| 23R9143B3TXF     | 1237                             | 45.7%     | 5.0                 | 1.13             | 31.1              | 84.7            |
| DP 1822 XF       | 1196                             | 41.5%     | 4.5                 | 1.22             | 34.4              | 84.3            |
| PHY411W3FE       | 1194                             | 43.9%     | 4.7                 | 1.09             | 31.1              | 83.2            |
| NG 4405 B3TXF    | 1163                             | 42.3%     | 4.2                 | 1.12             | 28.2              | 82.3            |
| AMX12526 B3XF    | 1151                             | 44.6%     | 4.7                 | 1.15             | 31.2              | 84.3            |
| AMX12572 B3TXF   | 1089                             | 45.5%     | 5.3                 | 1.09             | 27.6              | 83.1            |
|                  |                                  |           |                     |                  |                   |                 |
| Average          | 1448                             | 44.1%     | 4.8                 | 1.15             | 31.6              | 83.8            |
| LSD at 10% level | 188                              | 1.3%      |                     |                  |                   |                 |
| CV               | 11                               | 2         |                     |                  |                   |                 |
| Model R-Square   | 0.59                             | 0.90      |                     |                  |                   |                 |

**Bolded yields** are NOT statistically different from the highest yielding entry.

**Bolded line** in table indicates test average.

**N.S.** –differences are statistically non-significant.

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NON-IRRIGATED FULL SEASON  
WIREGRASS RESEARCH AND EXTENSION CENTER  
HEADLAND, AL

TABLE 12 – LOCATION-SPECIFIC DATA

| Variety            | Lint Yield<br>pounds per<br>acre | Lint<br>% | Micronaire<br>units | Length<br>inches | Strength<br>g/tex | Uniformity<br>% |
|--------------------|----------------------------------|-----------|---------------------|------------------|-------------------|-----------------|
| DP 2127 B3XF       | 1148                             | 44.9%     | 5.1                 | 1.05             | 29.4              | 82.6            |
| DG 3615 B3XF       | 1058                             | 44.2%     | 4.9                 | 1.12             | 31.0              | 82.4            |
| AMX12502 B3TXF     | 1032                             | 44.2%     | 4.8                 | 1.14             | 30.6              | 81.6            |
| NG 5430 B3XF       | 1012                             | 42.4%     | 4.5                 | 1.18             | 31.8              | 81.2            |
| Armor 9831 B3XF    | 982                              | 44.7%     | 4.9                 | 1.05             | 30.3              | 81.3            |
| PHY475W3FE         | 975                              | 42.5%     | 4.4                 | 1.10             | 31.1              | 82.2            |
| DG 4529 B3TXF      | 970                              | 44.0%     | 4.6                 | 1.13             | 31.5              | 82.7            |
| 1140F330-04        | 960                              | 43.1%     | 4.8                 | 1.10             | 33.2              | 83.4            |
| 23R8029B3TXF       | 948                              | 45.4%     | 5.3                 | 1.15             | 34.2              | 83.1            |
| 1140F331-04        | 938                              | 44.0%     | 4.7                 | 1.12             | 34.6              | 83.8            |
| 1150F361-04        | 938                              | 43.1%     | 4.8                 | 1.14             | 36.6              | 83.8            |
| 1150F360-04        | 933                              | 43.7%     | 4.7                 | 1.12             | 34.4              | 83.1            |
| NG 3195 B3XF       | 931                              | 42.9%     | 4.6                 | 1.08             | 29.8              | 82.7            |
| DG H959 B3XF       | 923                              | 41.2%     | 4.8                 | 1.13             | 33.0              | 82.0            |
| PHY415W3FE         | 923                              | 42.7%     | 4.5                 | 1.11             | 33.9              | 83.4            |
| 1140F329-04        | 900                              | 44.0%     | 4.7                 | 1.08             | 31.5              | 82.3            |
| Armor 9371 B3XF    | 898                              | 45.0%     | 4.9                 | 1.08             | 29.2              | 83.6            |
| PHY443W3FE         | 892                              | 43.8%     | 4.6                 | 1.09             | 32.4              | 82.7            |
| DG 4530 B3TXF      | 882                              | 44.5%     | 4.6                 | 1.13             | 29.5              | 82.7            |
| BX 2533AXTP        | 880                              | 42.1%     | 4.7                 | 1.11             | 29.1              | 82.3            |
| BX 2531AXTP        | 879                              | 42.5%     | 3.9                 | 1.11             | 30.4              | 82.4            |
| PHY545W3FE         | 874                              | 44.8%     | 4.7                 | 1.07             | 29.7              | 82.8            |
| ST 6000AXTP        | 851                              | 47.1%     | 4.5                 | 1.11             | 31.4              | 82.3            |
| DP 2333 B3XF       | 850                              | 44.7%     | 4.7                 | 1.08             | 30.4              | 82.2            |
| PHY400W3FE         | 849                              | 43.9%     | 4.3                 | 1.13             | 33.0              | 82.1            |
| PHY332W3FE         | 845                              | 42.3%     | 4.5                 | 1.13             | 32.8              | 82.9            |
| DP 2328 B3TXF      | 843                              | 44.7%     | 4.6                 | 1.10             | 29.6              | 82.2            |
| 1130F309-04        | 825                              | 43.1%     | 4.5                 | 1.10             | 31.1              | 82.0            |
| AMX12507 B3TXF     | 821                              | 40.4%     | 4.4                 | 1.16             | 31.6              | 82.8            |
| PHY411W3FE         | 819                              | 44.1%     | 4.4                 | 1.04             | 30.6              | 82.1            |
| 1150F357-04        | 818                              | 43.2%     | 4.6                 | 1.04             | 32.1              | 83.3            |
| DP 1822 XF         | 799                              | 40.8%     | 4.6                 | 1.18             | 36.6              | 83.4            |
| BX 2555AXTP        | 798                              | 47.6%     | 4.4                 | 1.12             | 31.0              | 82.3            |
| BX 2556AXTP        | 798                              | 44.0%     | 4.4                 | 1.11             | 31.8              | 81.8            |
| DP 2038 B3XF       | 797                              | 46.5%     | 4.9                 | 1.01             | 27.4              | 79.5            |
| PHY360W3FE         | 779                              | 42.3%     | 4.4                 | 1.08             | 28.3              | 81.4            |
| DP 2141NR B3TXF    | 756                              | 44.3%     | 5.4                 | 1.10             | 34.4              | 82.7            |
| Armor 24X954 B3TXF | 745                              | 43.7%     | 4.6                 | 1.08             | 28.4              | 82.0            |

| Variety          | Lint Yield<br>pounds per<br>acre | Lint<br>% | Micronaire<br>units | Length<br>inches | Strength<br>g/tex | Uniformity<br>% |
|------------------|----------------------------------|-----------|---------------------|------------------|-------------------|-----------------|
| 23R9143B3TXF     | 737                              | 45.5%     | 4.8                 | 1.13             | 32.5              | 83.8            |
| BX 2557AXTP      | 734                              | 44.6%     | 4.6                 | 1.11             | 33.6              | 82.3            |
| DG 4434 B3TXF    | 720                              | 45.7%     | 4.6                 | 1.14             | 30.5              | 82.5            |
| 23R9822B3TXF     | 695                              | 44.3%     | 4.5                 | 1.10             | 28.8              | 81.1            |
| NG 3457 B3XF     | 680                              | 43.8%     | 4.8                 | 1.12             | 32.1              | 83.2            |
| 23R9918B3TXF     | 641                              | 45.5%     | 4.7                 | 1.07             | 29.7              | 81.9            |
| NG 4405 B3TXF    | 620                              | 42.8%     | 4.1                 | 1.09             | 28.6              | 81.8            |
| AMX12572 B3TXF   | 600                              | 45.9%     | 5.1                 | 1.03             | 27.7              | 82.5            |
| AMX12526 B3XF    | 588                              | 45.5%     | 4.8                 | 1.10             | 29.3              | 83.3            |
|                  |                                  |           |                     |                  |                   |                 |
| Average          | 845                              | 43.9%     | 4.6                 | 1.10             | 31.3              | 82.4            |
| LSD at 10% level | 120                              | 1.0%      |                     |                  |                   |                 |
| CV               | 11                               | 1         |                     |                  |                   |                 |
| Model R-Square   | 0.65                             | 0.93      |                     |                  |                   |                 |

**Bolded yields** are NOT statistically different from the highest yielding entry.

**Bolded line** in table indicates test average.

**N.S.** –differences are statistically non-significant.

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IRRIGATED SHORT SEASON  
WIREGRASS RESEARCH AND EXTENSION CENTER  
HEADLAND, AL

TABLE 13 – LOCATION-SPECIFIC DATA

| Variety            | Lint<br>Yield<br>pounds<br>per acre | Lint<br>% | Micronaire<br>units | Length<br>inches | Strength<br>g/tex | Uniformity<br>% |
|--------------------|-------------------------------------|-----------|---------------------|------------------|-------------------|-----------------|
| DG 4529 B3TXF      | <b>1873</b>                         | 43.9%     | 4.9                 | 1.22             | 34.5              | 84.5            |
| Armor 9371 B3XF    | <b>1769</b>                         | 45.9%     | 5.1                 | 1.14             | 29.7              | 84.2            |
| PHY415W3FE         | 1722                                | 43.9%     | 4.9                 | 1.19             | 35.8              | 84.0            |
| 1140F329-04        | 1708                                | 43.0%     | 5.1                 | 1.20             | 34.5              | 85.9            |
| 1140F330-04        | 1686                                | 43.6%     | 5.1                 | 1.16             | 33.5              | 84.0            |
| 1150F361-04        | 1677                                | 42.4%     | 4.9                 | 1.21             | 36.1              | 84.7            |
| 1150F360-04        | 1672                                | 42.7%     | 5.3                 | 1.22             | 35.0              | 85.6            |
| AMX12507 B3TXF     | 1648                                | 42.3%     | 4.7                 | 1.23             | 32.7              | 84.6            |
| 1140F331-04        | 1645                                | 43.4%     | 5.2                 | 1.19             | 35.5              | 85.3            |
| 1130F309-04        | 1622                                | 43.4%     | 5.2                 | 1.14             | 36.1              | 85.0            |
| NG 5430 B3XF       | 1612                                | 43.2%     | 5.2                 | 1.19             | 33.0              | 83.4            |
| DP 2317 B3TXF      | 1603                                | 43.5%     | 4.9                 | 1.19             | 31.8              | 84.6            |
| AMX12502 B3TXF     | 1601                                | 44.6%     | 4.8                 | 1.22             | 35.5              | 84.1            |
| PHY400W3FE         | 1557                                | 45.3%     | 4.6                 | 1.17             | 34.4              | 83.2            |
| 1150F357-04        | 1554                                | 43.3%     | 4.8                 | 1.12             | 35.2              | 84.5            |
| PHY475W3FE         | 1544                                | 41.9%     | 5.1                 | 1.11             | 35.2              | 83.2            |
| DP 2127 B3XF       | <b>1539</b>                         | 45.1%     | 5.5                 | 1.12             | 31.4              | 84.4            |
| NG 3195 B3XF       | 1534                                | 45.0%     | 5.1                 | 1.17             | 34.6              | 83.8            |
| PHY443W3FE         | 1527                                | 43.7%     | 4.9                 | 1.12             | 34.5              | 84.3            |
| DP 2211 B3TXF      | 1502                                | 44.9%     | 5.0                 | 1.17             | 31.4              | 83.7            |
| Armor 24X955 B3TXF | 1499                                | 45.6%     | 4.7                 | 1.15             | 32.3              | 82.6            |
| PHY332W3FE         | 1496                                | 43.2%     | 5.1                 | 1.18             | 33.7              | 84.1            |
| DG 4530 B3TXF      | 1486                                | 46.6%     | 4.8                 | 1.16             | 30.5              | 83.7            |
| PHY411W3FE         | 1480                                | 44.6%     | 5.2                 | 1.11             | 35.1              | 84.2            |
| DP 1822 XF         | 1466                                | 40.7%     | 5.0                 | 1.23             | 33.4              | 85.2            |
| DG 3615 B3XF       | 1441                                | 43.5%     | 5.2                 | 1.19             | 35.5              | 84.7            |
| DP 2414 B3TXF      | 1418                                | 45.2%     | 4.9                 | 1.16             | 30.4              | 84.1            |
| DG H959 B3XF       | 1406                                | 40.2%     | 5.1                 | 1.22             | 34.9              | 84.3            |
| Armor 24X951 B3TXF | 1405                                | 46.4%     | 4.9                 | 1.17             | 30.8              | 83.6            |
| PHY360W3FE         | 1396                                | 43.6%     | 5.2                 | 1.13             | 31.0              | 83.4            |
| AMX12526 B3XF      | 1358                                | 46.0%     | 5.3                 | 1.18             | 32.4              | 84.6            |
| DG 4434 B3TXF      | 1348                                | 46.8%     | 5.0                 | 1.20             | 30.9              | 83.3            |
| NG 3457 B3XF       | 1342                                | 43.7%     | 5.0                 | 1.19             | 32.5              | 84.2            |
| 23R9918B3TXF       | 1310                                | 47.2%     | 5.1                 | 1.16             | 33.1              | 84.0            |
| NG 4405 B3TXF      | 1259                                | 43.3%     | 4.4                 | 1.18             | 31.6              | 84.1            |
| 23R9822B3TXF       |                                     |           |                     |                  |                   |                 |
| AMX12572 B3TXF     |                                     |           |                     |                  |                   |                 |
|                    |                                     |           |                     |                  |                   |                 |
| Average            | 1535                                | 44.0%     | 5.0                 | 1.17             | 33.4              | 84.2            |
| LSD at 10% level   | 149                                 | 1.2%      |                     |                  |                   |                 |
| CV                 | 8                                   | 1.4       |                     |                  |                   |                 |
| Model R-Square     | 0.62                                | 0.92      |                     |                  |                   |                 |

**Bolded yields** are NOT statistically different from the highest yielding entry.

**Bolded line** in table indicates test average.

**N.S.** –differences are statistically non-significant.

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NON-IRRIGATED SHORT SEASON  
WIREGRASS RESEARCH AND EXTENSION CENTER  
HEADLAND, AL

TABLE 14 – LOCATION-SPECIFIC DATA

| Variety            | Lint<br>Yield<br>pounds<br>per acre | Lint<br>% | Micronaire<br>units | Length<br>inches | Strength<br>g/tex | Uniformity<br>% |
|--------------------|-------------------------------------|-----------|---------------------|------------------|-------------------|-----------------|
| 1140F330-04        | <b>1271</b>                         | 43.3%     | 5.4                 | 1.12             | 34.6              | 83.3            |
| DP 2127 B3XF       | <b>1216</b>                         | 44.2%     | 5.6                 | 1.11             | 30.2              | 83.3            |
| 1140F331-04        | <b>1211</b>                         | 44.0%     | 5.5                 | 1.11             | 35.4              | 83.9            |
| Armor 9371 B3XF    | <b>1205</b>                         | 45.1%     | 5.4                 | 1.10             | 31.1              | 83.7            |
| 1150F360-04        | <b>1192</b>                         | 43.5%     | 5.4                 | 1.14             | 34.8              | 84.0            |
| DG 4529 B3TXF      | <b>1189</b>                         | 43.7%     | 5.1                 | 1.11             | 32.5              | 82.7            |
| 1150F361-04        | <b>1158</b>                         | 43.1%     | 5.3                 | 1.10             | 33.5              | 83.6            |
| PHY415W3FE         | <b>1154</b>                         | 42.7%     | 5.4                 | 1.13             | 33.6              | 83.7            |
| NG 5430 B3XF       | <b>1112</b>                         | 42.3%     | 5.3                 | 1.12             | 32.7              | 83.1            |
| DP 2211 B3TXF      | 1091                                | 44.4%     | 5.1                 | 1.10             | 29.6              | 82.8            |
| DG 3615 B3XF       | 1069                                | 42.6%     | 5.5                 | 1.11             | 34.3              | 82.5            |
| DP 2317 B3TXF      | 1048                                | 43.6%     | 5.1                 | 1.14             | 31.5              | 83.1            |
| PHY400W3FE         | 1047                                | 43.6%     | 5.1                 | 1.12             | 33.1              | 83.1            |
| DG 4434 B3TXF      | 1047                                | 46.7%     | 4.9                 | 1.15             | 32.0              | 81.6            |
| 1130F309-04        | 1023                                | 42.3%     | 5.3                 | 1.11             | 33.6              | 84.4            |
| 1140F329-04        | 1016                                | 43.4%     | 5.4                 | 1.12             | 33.0              | 83.8            |
| PHY332W3FE         | 1015                                | 42.0%     | 5.1                 | 1.14             | 34.1              | 83.6            |
| PHY475W3FE         | 987                                 | 41.6%     | 5.0                 | 1.08             | 34.1              | 80.8            |
| AMX12507 B3TXF     | 987                                 | 41.4%     | 5.1                 | 1.16             | 32.8              | 83.6            |
| PHY411W3FE         | 980                                 | 43.9%     | 5.3                 | 1.05             | 32.3              | 82.6            |
| DP 1822 XF         | 978                                 | 40.9%     | 5.2                 | 1.20             | 36.0              | 84.3            |
| AMX12502 B3TXF     | 970                                 | 44.3%     | 5.1                 | 1.11             | 30.6              | 82.7            |
| NG 3195 B3XF       | 966                                 | 42.8%     | 5.3                 | 1.09             | 31.0              | 83.6            |
| NG 3457 B3XF       | 961                                 | 43.6%     | 5.2                 | 1.13             | 31.3              | 82.5            |
| 1150F357-04        | 952                                 | 42.9%     | 5.2                 | 1.09             | 35.8              | 83.0            |
| DP 2414 B3TXF      | 936                                 | 45.3%     | 5.1                 | 1.10             | 29.7              | 83.1            |
| DG H959 B3XF       | 892                                 | 40.4%     | 5.4                 | 1.14             | 33.3              | 82.9            |
| PHY443W3FE         | 860                                 | 42.4%     | 5.3                 | 1.08             | 33.4              | 83.3            |
| AMX12526 B3XF      | 803                                 | 45.4%     | 5.2                 | 1.12             | 32.2              | 84.3            |
| PHY360W3FE         | 794                                 | 43.2%     | 5.1                 | 1.10             | 29.8              | 82.7            |
| NG 4405 B3TXF      | 763                                 | 42.4%     | 4.2                 | 1.17             | 32.4              | 83.4            |
| 23R9822B3TXF       |                                     |           |                     |                  |                   |                 |
| 23R9918B3TXF       |                                     |           |                     |                  |                   |                 |
| AMX12572 B3TXF     |                                     |           |                     |                  |                   |                 |
| Armor 24X951 B3TXF |                                     |           |                     |                  |                   |                 |
| Armor 24X955 B3TXF |                                     |           |                     |                  |                   |                 |
| DG 4530 B3TXF      |                                     |           |                     |                  |                   |                 |
|                    |                                     |           |                     |                  |                   |                 |
| Average            | 1025                                | 43.5%     | 5.1                 | 1.1              | 32.5              | 83.2            |
| LSD at 10% level   | 166                                 | 1.1%      |                     |                  |                   |                 |
| CV                 | 13                                  | 1.2       |                     |                  |                   |                 |
| Model R-Square     | 0.54                                | 0.92      |                     |                  |                   |                 |

**Bolded yields** are NOT statistically different from the highest yielding entry.

**Bolded line** in table indicates test average.

**N.S.** –differences are statistically non-significant.

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IRRIGATED FULL SEASON  
E.V. SMITH RESEARCH AND EXTENSION CENTER  
FIELD CROPS UNIT - SHORTER, AL

TABLE 15 – LOCATION-SPECIFIC DATA

No results are available for this trial due to a poor stand.

[illegible]

**Bolded yields** are NOT statistically different from the highest yielding entry.

**Bolded line** in table indicates test average.

N.S. –differences are statistically non-significant.

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NON-IRRIGATED FULL SEASON  
E.V. SMITH RESEARCH AND EXTENSION CENTER  
FIELD CROPS UNIT - SHORTER, AL

TABLE 16 – LOCATION-SPECIFIC DATA

| Variety            | Lint Yield<br>Lbs per Acre | Lint<br>% | Micronaire<br>units | Length<br>inches | Strength<br>g/tex | Uniformity<br>% |
|--------------------|----------------------------|-----------|---------------------|------------------|-------------------|-----------------|
| 1150F357-04        | 1323                       | 41.2%     | 3.9                 | 1.20             | 31.8              | 1323            |
| DP 2038 B3XF       | 1320                       | 41.0%     | 3.6                 | 1.19             | 32.6              | 1320            |
| BX 2556AXTP        | 1289                       | 41.2%     | 4.2                 | 1.18             | 31.7              | 1289            |
| BX 2555AXTP        | 1277                       | 44.5%     | 4.4                 | 1.14             | 30.3              | 1277            |
| DP 2333 B3XF       | 1245                       | 41.3%     | 4.0                 | 1.17             | 33.0              | 1245            |
| PHY475W3FE         | 1215                       | 40.1%     | 3.8                 | 1.18             | 32.6              | 1215            |
| 1150F361-04        | 1205                       | 40.0%     | 3.9                 | 1.18             | 32.5              | 1205            |
| Armor 9831 B3XF    | 1186                       | 41.6%     | 3.8                 | 1.15             | 30.8              | 1186            |
| 1150F360-04        | 1176                       | 39.8%     | 3.7                 | 1.20             | 32.5              | 1176            |
| NG 3457 B3XF       | 1175                       | 38.9%     | 4.0                 | 1.19             | 29.6              | 1175            |
| PHY545W3FE         | 1164                       | 41.2%     | 4.2                 | 1.13             | 30.2              | 1164            |
| Armor 24X954 B3TXF | 1140                       | 40.4%     | 3.7                 | 1.19             | 30.2              | 1140            |
| DG H959 B3XF       | 1134                       | 40.6%     | 3.5                 | 1.18             | 33.5              | 1134            |
| NG 5430 B3XF       | 1124                       | 40.2%     | 3.6                 | 1.17             | 31.8              | 1124            |
| DG 4434 B3TXF      | 1112                       | 39.8%     | 3.8                 | 1.21             | 32.6              | 1112            |
| DP 1822 XF         | 1110                       | 41.5%     | 3.9                 | 1.15             | 30.3              | 1110            |
| DG 4529 B3TXF      | 1109                       | 39.8%     | 4.0                 | 1.18             | 31.9              | 1109            |
| 1140F330-04        | 1108                       | 39.7%     | 4.0                 | 1.21             | 34.4              | 1108            |
| BX 2531AXTP        | 1098                       | 40.0%     | 3.9                 | 1.15             | 31.4              | 1098            |
| PHY332W3FE         | 1097                       | 42.0%     | 3.3                 | 1.19             | 33.3              | 1097            |
| 1130F309-04        | 1095                       | 42.0%     | 4.2                 | 1.16             | 29.9              | 1095            |
| BX 2557AXTP        | 1094                       | 38.6%     | 3.8                 | 1.22             | 34.2              | 1094            |
| 1140F329-04        | 1087                       | 40.3%     | 3.8                 | 1.15             | 35.4              | 1087            |
| PHY411W3FE         | 1086                       | 40.6%     | 3.6                 | 1.16             | 30.0              | 1086            |
| Armor 9371 B3XF    | 1086                       | 42.5%     | 4.1                 | 1.21             | 33.4              | 1086            |
| ST 6000AXTP        | 1076                       | 40.0%     | 3.9                 | 1.18             | 34.3              | 1076            |
| 23R9143B3TXF       | 1067                       | 39.0%     | 4.0                 | 1.20             | 33.5              | 1067            |
| 23R8029B3TXF       | 1066                       | 40.2%     | 4.0                 | 1.16             | 32.3              | 1066            |
| DG 4530 B3TXF      | 1049                       | 41.3%     | 4.1                 | 1.14             | 28.2              | 1049            |
| DP 2328 B3TXF      | 1020                       | 41.0%     | 3.9                 | 1.17             | 30.3              | 1020            |
| AMX12507 B3TXF     | 1017                       | 40.2%     | 4.2                 | 1.16             | 32.9              | 1017            |
| DP 2141NR B3TXF    | 1017                       | 39.8%     | 4.1                 | 1.19             | 32.7              | 1017            |
| PHY360W3FE         | 1013                       | 39.6%     | 4.2                 | 1.21             | 32.4              | 1013            |
| DG 3615 B3XF       | 1011                       | 38.4%     | 4.1                 | 1.17             | 32.2              | 1011            |
| BX 2533AXTP        | 1006                       | 40.4%     | 4.1                 | 1.16             | 31.8              | 1006            |
| NG 4405 B3TXF      | 993                        | 39.7%     | 4.1                 | 1.19             | 31.1              | 993             |
| 23R9918B3TXF       | 992                        | 42.6%     | 3.6                 | 1.17             | 31.0              | 992             |
| NG 3195 B3XF       | 985                        | 41.7%     | 4.4                 | 1.13             | 29.9              | 985             |
| AMX12572 B3TXF     | 977                        | 39.9%     | 3.9                 | 1.22             | 31.4              | 977             |

| Variety          | Lint Yield<br>Lbs per Acre | Lint<br>% | Micronaire<br>units | Length<br>inches | Strength<br>g/tex | Uniformity<br>% |
|------------------|----------------------------|-----------|---------------------|------------------|-------------------|-----------------|
| PHY400W3FE       | 966                        | 37.6%     | 3.7                 | 1.24             | 33.1              | 966             |
| 1140F331-04      | 948                        | 40.7%     | 4.1                 | 1.16             | 32.6              | 948             |
| 23R9822B3TXF     | 947                        | 39.0%     | 4.0                 | 1.17             | 32.0              | 947             |
| AMX12526 B3XF    | 936                        | 37.9%     | 3.6                 | 1.22             | 33.2              | 936             |
| AMX12502 B3TXF   | 913                        | 38.5%     | 4.3                 | 1.21             | 31.7              | 913             |
| PHY443W3FE       | 893                        | 39.8%     | 4.4                 | 1.20             | 33.9              | 893             |
| PHY415W3FE       | 833                        | 40.4%     | 4.4                 | 1.17             | 32.7              | 833             |
| DP 2127 B3XF     | 806                        | 38.8%     | 3.8                 | 1.23             | 33.4              | 806             |
|                  |                            |           |                     |                  |                   |                 |
| Average          | 1078                       | 40.3%     | 3.9                 | 1.18             | 32.0              | 1078            |
| LSD at 10% level | 229                        | 2.4%      |                     |                  |                   | 229             |
| CV               | 19                         | 3         |                     |                  |                   | 19              |
| Model R-Square   | 0.43                       | 0.64      |                     |                  |                   | 0.43            |

**Bolded yields** are NOT statistically different from the highest yielding entry.

**Bolded line** in table indicates test average.

**N.S.** –differences are statistically non-significant.

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IRRIGATED SHORT SEASON  
E.V. SMITH RESEARCH AND EXTENSION CENTER  
FIELD CROPS UNIT - SHORTER, AL

No results are available for this trial due to a poor stand.

TABLE 17 – LOCATION-SPECIFIC DATA

[illegible]

**Bolded yields** are NOT statistically different from the highest yielding entry.

**Bolded line** in table indicates test average.

N.S. –differences are statistically non-significant.

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NON-IRRIGATED SHORT SEASON  
E.V. SMITH RESEARCH AND EXTENSION CENTER  
FIELD CROPS UNIT - SHORTER, AL

No results are available for this trial due to a poor stand.

## TABLE 18 – LOCATION-SPECIFIC DATA

[illegible]

**Bolded yields** are NOT statistically different from the highest yielding entry.

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**Bolded line** in table indicates test average.

N.S. –differences are statistically non-significant.

CONVENTIONAL  
E.V. SMITH RESEARCH AND EXTENSION CENTER  
PLANT BREEDING UNIT - SHORTER, AL

TABLE 19 – LOCATION-SPECIFIC DATA

| Variety           | Lint Yield<br>pounds per<br>acre | Lint<br>% | RKN Gall<br>Ratings | Micronaire<br>units | Length<br>inches | Strength<br>g/tex | Uniformity<br>% |
|-------------------|----------------------------------|-----------|---------------------|---------------------|------------------|-------------------|-----------------|
| UA 222            | <b>1231</b>                      | 40.7%     | 5.8                 | 4.6                 | 1.20             | 31.1              | 83.6            |
| AU ACX 167-27-347 | <b>1198</b>                      | 43.4%     | 7.3                 | 4.8                 | 1.17             | 31.3              | 84.4            |
| AU 90098-34-8-4   | <b>1107</b>                      | 40.7%     | 7.8                 | 4.6                 | 1.22             | 32.6              | 83.7            |
| NG 3195 B3XF      | <b>1089</b>                      | 44.1%     | 6.0                 | 4.8                 | 1.15             | 31.4              | 84.2            |
| PHY400W3FE        | <b>1081</b>                      | 45.3%     | 4.0                 | 4.4                 | 1.14             | 31.7              | 83.5            |
| UA 248            | <b>1053</b>                      | 39.8%     | 8.5                 | 4.6                 | 1.19             | 32.6              | 83.8            |
| AU 17018-48-358   | <b>1039</b>                      | 42.8%     | 8.0                 | 5.0                 | 1.15             | 30.9              | 84.8            |
| DP 2038 B3XF      | <b>1024</b>                      | 47.5%     | 7.0                 | 4.8                 | 1.15             | 31.1              | 83.5            |
| DP 2127 B3XF      | <b>897</b>                       | 45.1%     | 7.0                 | 4.8                 | 1.12             | 30.1              | 84.0            |
| DP 1822 XF        | <b>851</b>                       | 41.5%     | 6.0                 | 4.8                 | 1.20             | 32.1              | 84.2            |
| ST 6000AXTP       | <b>851</b>                       | 45.8%     | 5.0                 | 4.4                 | 1.17             | 33.7              | 84.3            |
| AU 17014-45-250   | 831                              | 41.3%     | 7.0                 | 4.8                 | 1.19             | 33.0              | 84.5            |
| Armor 9371 B3XF   | 795                              | 44.2%     | 3.8                 | 4.5                 | 1.15             | 29.2              | 83.4            |
| AU 17020-22-9-9   | 672                              | 42.7%     | 8.0                 |                     |                  |                   |                 |
| AU 87076          | 627                              | 39.4%     | 8.0                 |                     |                  |                   |                 |
| DG 3615 B3XF      | 391                              | 45.3%     | 7.5                 |                     |                  |                   |                 |
|                   |                                  |           |                     |                     |                  |                   |                 |
| Average           | 907                              | 43.0%     | 6.8                 | 4.7                 | 1.17             | 31.7              | 83.9            |
| LSD at 10% level  | 466                              | 2.6%      | 1.8                 |                     |                  |                   |                 |
| CV                | 37                               | 3         | 23                  |                     |                  |                   |                 |
| Model R-Square    | 0.44                             | 0.83      | 0.57                |                     |                  |                   |                 |

**Bolded yields** are NOT statistically different from the highest yielding entry.

**Bolded line** in table indicates test average.

**N.S.** –differences are statistically non-significant.

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IRRIGATED FULL SEASON  
PRATTVILLE AGRICULTURAL RESEARCH UNIT  
PRATTVILLE, AL

TABLE 20 – LOCATION-SPECIFIC DATA

| Variety            | Lint<br>Yield<br>pounds<br>per acre | Lint<br>% | Micronaire<br>units | Length<br>inches | Strength<br>g/tex | Uniformity<br>% |
|--------------------|-------------------------------------|-----------|---------------------|------------------|-------------------|-----------------|
| 23R8029B3TXF       | 1970                                | 46.4%     | 4.6                 | 1.17             | 32.9              | 82.4            |
| 1150F360-04        | 1920                                | 45.7%     | 4.2                 | 1.23             | 33.5              | 83.5            |
| ST 6000AXTP        | 1920                                | 47.4%     | 3.9                 | 1.18             | 33.7              | 82.9            |
| Armor 9371 B3XF    | 1908                                | 45.8%     | 4.0                 | 1.16             | 30.3              | 83.5            |
| NG 5430 B3XF       | 1876                                | 43.6%     | 4.2                 | 1.18             | 31.6              | 83.7            |
| DP 2333 B3XF       | 1867                                | 44.4%     | 4.0                 | 1.14             | 29.9              | 81.6            |
| 1130F309-04        | 1858                                | 43.5%     | 3.9                 | 1.15             | 31.8              | 84.0            |
| DP 2328 B3TXF      | 1807                                | 46.2%     | 4.1                 | 1.15             | 30.3              | 82.7            |
| 1140F329-04        | 1802                                | 45.5%     | 4.0                 | 1.19             | 34.2              | 83.3            |
| DG 3615 B3XF       | 1792                                | 44.0%     | 4.2                 | 1.14             | 29.8              | 82.3            |
| DP 2127 B3XF       | 1780                                | 43.3%     | 4.1                 | 1.10             | 29.5              | 83.1            |
| 1140F331-04        | 1779                                | 44.2%     | 4.4                 | 1.19             | 34.1              | 84.8            |
| 1150F361-04        | 1779                                | 44.4%     | 4.1                 | 1.22             | 35.9              | 84.3            |
| PHY415W3FE         | 1779                                | 43.9%     | 4.1                 | 1.19             | 35.3              | 83.3            |
| DP 2038 B3XF       | 1778                                | 45.4%     | 4.1                 | 1.10             | 29.7              | 81.6            |
| AMX12502 B3TXF     | 1778                                | 45.5%     | 4.2                 | 1.19             | 31.5              | 82.8            |
| BX 2531AXTP        | 1763                                | 43.2%     | 3.9                 | 1.21             | 30.6              | 83.8            |
| AMX12507 B3TXF     | 1760                                | 41.7%     | 3.9                 | 1.21             | 31.8              | 83.4            |
| BX 2533AXTP        | 1747                                | 42.0%     | 3.9                 | 1.19             | 31.1              | 82.4            |
| PHY475W3FE         | 1742                                | 42.7%     | 4.3                 | 1.11             | 32.4              | 81.8            |
| NG 3195 B3XF       | 1741                                | 44.0%     | 4.1                 | 1.13             | 32.2              | 82.4            |
| PHY443W3FE         | 1733                                | 46.0%     | 4.0                 | 1.12             | 32.8              | 83.1            |
| Armor 9831 B3XF    | 1724                                | 42.7%     | 4.5                 | 1.16             | 32.2              | 81.6            |
| DG H959 B3XF       | 1722                                | 41.2%     | 4.2                 | 1.19             | 30.9              | 82.5            |
| 1140F330-04        | 1665                                | 44.5%     | 4.0                 | 1.16             | 33.6              | 83.2            |
| Armor 24X954 B3TXF | 1658                                | 44.9%     | 4.0                 | 1.15             | 29.1              | 82.8            |
| PHY411W3FE         | 1655                                | 45.8%     | 4.1                 | 1.09             | 30.8              | 82.2            |
| PHY400W3FE         | 1655                                | 43.3%     | 3.8                 | 1.18             | 33.0              | 82.7            |
| 23R9143B3TXF       | 1654                                | 44.2%     | 4.3                 | 1.15             | 31.9              | 83.7            |
| NG 3457 B3XF       | 1644                                | 42.8%     | 4.0                 | 1.16             | 30.7              | 83.0            |
| AMX12526 B3XF      | 1639                                | 44.8%     | 4.2                 | 1.18             | 31.7              | 84.6            |
| DG 4530 B3TXF      | 1635                                | 43.4%     | 4.0                 | 1.17             | 30.0              | 83.1            |
| BX 2556AXTP        | 1622                                | 43.1%     | 4.0                 | 1.18             | 33.0              | 83.2            |
| 23R9918B3TXF       | 1611                                | 45.3%     | 4.0                 | 1.12             | 30.6              | 82.4            |
| 1150F357-04        | 1598                                | 45.2%     | 4.4                 | 1.13             | 35.2              | 84.0            |
| DG 4434 B3TXF      | 1597                                | 44.4%     | 3.8                 | 1.18             | 29.8              | 82.0            |

| Variety          | Lint<br>Yield<br>pounds<br>per acre | Lint<br>% | Micronaire<br>units | Length<br>inches | Strength<br>g/tex | Uniformity<br>% |
|------------------|-------------------------------------|-----------|---------------------|------------------|-------------------|-----------------|
| 23R9822B3TXF     | 1588                                | 44.9%     | 4.1                 | 1.16             | 29.4              | 82.6            |
| PHY360W3FE       | 1581                                | 42.0%     | 4.1                 | 1.14             | 30.5              | 82.1            |
| DG 4529 B3TXF    | 1569                                | 43.0%     | 3.9                 | 1.15             | 29.9              | 82.4            |
| BX 2557AXTP      | 1537                                | 43.9%     | 4.3                 | 1.18             | 34.6              | 84.3            |
| BX 2555AXTP      | 1535                                | 45.9%     | 3.7                 | 1.16             | 33.2              | 83.1            |
| PHY545W3FE       | 1516                                | 44.7%     | 3.9                 | 1.11             | 30.0              | 82.2            |
| DP 2141NR B3TXF  | 1515                                | 45.1%     | 4.6                 | 1.15             | 32.2              | 81.0            |
| PHY332W3FE       | 1472                                | 43.0%     | 3.9                 | 1.19             | 31.4              | 83.2            |
| NG 4405 B3TXF    | 1406                                | 42.4%     | 4.0                 | 1.17             | 29.6              | 83.6            |
| DP 1822 XF       | 1356                                | 40.8%     | 4.0                 | 1.21             | 34.2              | 82.3            |
| AMX12572 B3TXF   | 1336                                | 45.4%     | 4.4                 | 1.14             | 30.3              | 83.3            |
|                  |                                     |           |                     |                  |                   |                 |
| Average          | 1681                                | 44.1%     | 4.1                 | 1.16             | 31.8              | 82.9            |
| LSD at 10% level | 130                                 | 2.0%      |                     |                  |                   |                 |
| CV               | 7                                   | 2.3       |                     |                  |                   |                 |
| Model R-Square   | 0.74                                | 0.77      |                     |                  |                   |                 |

**Bolded yields** are NOT statistically different from the highest yielding entry.

**Bolded line** in table indicates test average.

**N.S.** –differences are statistically non-significant.

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NON-IRRIGATED FULL SEASON  
PRATTVILLE AGRICULTURAL RESEARCH UNIT  
PRATTVILLE, AL

TABLE 21 – LOCATION-SPECIFIC DATA

| Variety         | Lint Yield<br>pounds per acre | Lint<br>% | Micronaire<br>units | Length<br>inches | Strength<br>g/tex | Uniformity<br>% |
|-----------------|-------------------------------|-----------|---------------------|------------------|-------------------|-----------------|
| 1140F330-04     | 1446                          | 44.3      |                     |                  |                   |                 |
| PHY443W3FE      | 1386                          | 44.7      |                     |                  |                   |                 |
| 23R8029B3TXF    | 1334                          | 44.5      |                     |                  |                   |                 |
| 1140F329-04     | 1317                          | 43.8      |                     |                  |                   |                 |
| AMX12502 B3TXF  | 1310                          | 45.2      |                     |                  |                   |                 |
| 1130F309-04     | 1308                          | 42.9      |                     |                  |                   |                 |
| BX 2533AXTP     | 1302                          | 41.2      |                     |                  |                   |                 |
| NG 5430 B3XF    | 1297                          | 43.1      |                     |                  |                   |                 |
| DG H959 B3XF    | 1290                          | 42.2      |                     |                  |                   |                 |
| PHY415W3FE      | 1284                          | 43.6      |                     |                  |                   |                 |
| 1150F361-04     | 1283                          | 42.8      |                     |                  |                   |                 |
| DP 2127 B3XF    | 1275                          | 43.3      |                     |                  |                   |                 |
| PHY475W3FE      | 1273                          | 43.2      |                     |                  |                   |                 |
| DP 2333 B3XF    | 1273                          | 43.6      |                     |                  |                   |                 |
| BX 2531AXTP     | 1271                          | 42.6      |                     |                  |                   |                 |
| AMX12526 B3XF   | 1264                          | 44.5      |                     |                  |                   |                 |
| ST 6000AXTP     | 1264                          | 46.5      |                     |                  |                   |                 |
| DP 2038 B3XF    | 1262                          | 44.9      |                     |                  |                   |                 |
| DP 2328 B3TXF   | 1248                          | 43.8      |                     |                  |                   |                 |
| DG 3615 B3XF    | 1244                          | 42.8      |                     |                  |                   |                 |
| 1140F331-04     | 1243                          | 41.1      |                     |                  |                   |                 |
| 23R9143B3TXF    | 1233                          | 45.4      |                     |                  |                   |                 |
| PHY360W3FE      | 1225                          | 41.4      |                     |                  |                   |                 |
| NG 3195 B3XF    | 1220                          | 43.2      |                     |                  |                   |                 |
| AMX12507 B3TXF  | 1215                          | 41.0      |                     |                  |                   |                 |
| DG 4530 B3TXF   | 1211                          | 43.1      |                     |                  |                   |                 |
| 1150F357-04     | 1207                          | 43.1      |                     |                  |                   |                 |
| PHY545W3FE      | 1206                          | 44.1      |                     |                  |                   |                 |
| BX 2557AXTP     | 1197                          | 44.5      |                     |                  |                   |                 |
| DG 4529 B3TXF   | 1184                          | 43.5      |                     |                  |                   |                 |
| Armor 9831 B3XF | 1181                          | 43.1      |                     |                  |                   |                 |
| BX 2556AXTP     | 1168                          | 42.7      |                     |                  |                   |                 |
| PHY411W3FE      | 1151                          | 44.7      |                     |                  |                   |                 |
| Armor 9371 B3XF | 1126                          | 43.0      |                     |                  |                   |                 |
| 1150F360-04     | 1121                          | 41.7      |                     |                  |                   |                 |
| 23R9918B3TXF    | 1118                          | 44.8      |                     |                  |                   |                 |
| PHY400W3FE      | 1110                          | 42.9      |                     |                  |                   |                 |
| PHY332W3FE      | 1106                          | 42.3      |                     |                  |                   |                 |

| Variety            | Lint Yield<br>pounds per acre | Lint<br>% | Micronaire<br>units | Length<br>inches | Strength<br>g/tex | Uniformity<br>% |
|--------------------|-------------------------------|-----------|---------------------|------------------|-------------------|-----------------|
| Armor 24X954 B3TXF | 1097                          | 44.6      |                     |                  |                   |                 |
| DP 2141NR B3TXF    | 1072                          | 42.9      |                     |                  |                   |                 |
| DG 4434 B3TXF      | 1070                          | 44.2      |                     |                  |                   |                 |
| BX 2555AXTP        | 1060                          | 45.8      |                     |                  |                   |                 |
| 23R9822B3TXF       | 1041                          | 43.2      |                     |                  |                   |                 |
| NG 4405 B3TXF      | 1033                          | 42.5      |                     |                  |                   |                 |
| DP 1822 XF         | 990                           | 40.4      |                     |                  |                   |                 |
| NG 3457 B3XF       | 934                           | 40.9      |                     |                  |                   |                 |
| AMX12572 B3TXF     | 920                           | 43.3      |                     |                  |                   |                 |
|                    |                               |           |                     |                  |                   |                 |
| Average            | 1193                          | 43.3      |                     |                  |                   |                 |
| LSD at 10% level   | 171                           | 1.6       |                     |                  |                   |                 |
| CV                 | 13                            | 1.7       |                     |                  |                   |                 |
| Model R-Square     | 0.53                          | 82        |                     |                  |                   |                 |

**Bolded yields** are NOT statistically different from the highest yielding entry.

**Bolded line** in table indicates test average.

**N.S.** –differences are statistically non-significant.

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IRRIGATED SHORT SEASON  
PRATTVILLE AGRICULTURAL RESEARCH UNIT  
PRATTVILLE, AL

TABLE 22 – LOCATION-SPECIFIC DATA

| Variety            | Lint<br>Yield<br>pounds<br>per acre | Lint<br>% | Micronaire<br>units | Length<br>inches | Strength<br>g/tex | Uniformity<br>% |
|--------------------|-------------------------------------|-----------|---------------------|------------------|-------------------|-----------------|
| PHY475W3FE         | 1342                                | 43.0%     | 4.1                 | 1.09             | 32.6              | 81.8            |
| AMX12502 B3TXF     | 1332                                | 44.7%     | 4.2                 | 1.14             | 29.6              | 81.1            |
| PHY415W3FE         | 1308                                | 42.6%     | 4.0                 | 1.15             | 33.2              | 83.1            |
| 1140F330-04        | 1254                                | 43.2%     | 4.3                 | 1.14             | 33.3              | 84.2            |
| NG 5430 B3XF       | 1251                                | 43.3%     | 4.3                 | 1.13             | 30.8              | 83.1            |
| 1140F331-04        | 1246                                | 43.3%     | 4.2                 | 1.11             | 32.7              | 82.8            |
| DG 3615 B3XF       | 1232                                | 42.8%     | 4.7                 | 1.14             | 31.9              | 82.1            |
| DP 2127 B3XF       | 1224                                | 42.7%     | 4.6                 | 1.06             | 28.4              | 82.5            |
| 1150F361-04        | 1196                                | 43.3%     | 4.5                 | 1.16             | 35.1              | 83.6            |
| AMX12526 B3XF      | 1182                                | 44.9%     | 4.4                 | 1.12             | 30.5              | 83.0            |
| DP 2317 B3TXF      | 1182                                | 42.2%     | 4.2                 | 1.13             | 31.7              | 83.1            |
| DG H959 B3XF       | 1177                                | 40.5%     | 4.7                 | 1.18             | 34.0              | 82.8            |
| PHY411W3FE         | 1166                                | 45.3%     | 4.2                 | 1.04             | 29.7              | 82.4            |
| 1140F329-04        | 1164                                | 43.8%     | 4.2                 | 1.14             | 32.0              | 82.9            |
| 1150F360-04        | 1163                                | 43.2%     | 4.1                 | 1.14             | 32.9              | 82.4            |
| Armor 24X955 B3TXF | 1158                                | 44.4%     | 4.0                 | 1.11             | 29.1              | 82.4            |
| PHY443W3FE         | 1155                                | 43.1%     | 4.2                 | 1.09             | 30.0              | 82.6            |
| 1150F357-04        | 1151                                | 43.4%     | 4.5                 | 1.08             | 32.9              | 83.3            |
| Armor 24X951 B3TXF | 1151                                | 45.7%     | 4.5                 | 1.10             | 29.2              | 81.9            |
| NG 3195 B3XF       | 1145                                | 42.8%     | 4.2                 | 1.08             | 29.6              | 82.2            |
| DP 2414 B3TXF      | 1144                                | 44.1%     | 4.2                 | 1.13             | 30.3              | 82.9            |
| Armor 9371 B3XF    | 1138                                | 42.2%     | 4.5                 | 1.09             | 29.2              | 82.1            |
| AMX12507 B3TXF     | 1137                                | 39.7%     | 4.1                 | 1.13             | 31.4              | 83.3            |
| 1130F309-04        | 1135                                | 42.4%     | 4.1                 | 1.10             | 31.7              | 83.4            |
| PHY360W3FE         | 1132                                | 40.2%     | 3.9                 | 1.11             | 30.0              | 81.2            |
| DG 4529 B3TXF      | 1130                                | 43.0%     | 4.4                 | 1.13             | 32.0              | 82.6            |
| PHY400W3FE         | 1122                                | 42.7%     | 3.9                 | 1.11             | 30.1              | 82.0            |
| 23R9918B3TXF       | 1117                                | 44.4%     | 4.1                 | 1.08             | 29.6              | 81.4            |
| DG 4434 B3TXF      | 1107                                | 45.3%     | 4.4                 | 1.12             | 31.1              | 82.3            |
| NG 3457 B3XF       | 1103                                | 42.7%     | 4.2                 | 1.12             | 30.2              | 82.8            |
| 23R9822B3TXF       | 1099                                | 42.7%     | 3.9                 | 1.11             | 29.3              | 81.4            |
| DP 2211 B3TXF      | 1098                                | 42.7%     | 4.0                 | 1.12             | 29.6              | 81.9            |
| DG 4530 B3TXF      | 1085                                | 44.0%     | 4.2                 | 1.11             | 29.5              | 81.8            |
| AMX12572 B3TXF     | 1049                                | 43.8%     | 4.7                 | 1.09             | 28.6              | 83.2            |
| DP 1822 XF         | 1040                                | 40.5%     | 4.1                 | 1.15             | 34.4              | 82.2            |
| PHY332W3FE         | 993                                 | 41.7%     | 3.9                 | 1.14             | 31.9              | 81.7            |

| Variety          | Lint<br>Yield<br>pounds<br>per acre | Lint<br>% | Micronaire<br>units | Length<br>inches | Strength<br>g/tex | Uniformity<br>% |
|------------------|-------------------------------------|-----------|---------------------|------------------|-------------------|-----------------|
| NG 4405 B3TXF    | 970                                 | 41.0%     | 3.7                 | 1.10             | 29.3              | 82.8            |
| Average          | 1154                                | 42.9%     | 4.2                 | 1.11             | 31.0              | 82.5            |
| LSD at 10% level | N.S.                                | 1.3%      |                     |                  |                   |                 |
| CV               | 15                                  | 2         |                     |                  |                   |                 |
| Model R-Square   | 0.40                                | 0.71      |                     |                  |                   |                 |

**Bolded yields** are NOT statistically different from the highest yielding entry.

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**Bolded line** in table indicates test average.

**N.S.** –differences are statistically non-significant.

NON-IRRIGATED SHORT SEASON  
PRATTVILLE AGRICULTURAL RESEARCH UNIT  
PRATTVILLE, AL

TABLE 23 – LOCATION-SPECIFIC DATA

| Variety            | Lint Yield<br>pounds per<br>acre | Lint<br>% | Micronaire<br>units | Length<br>inches | Strength<br>g/tex | Uniformity<br>% |
|--------------------|----------------------------------|-----------|---------------------|------------------|-------------------|-----------------|
| NG 5430 B3XF       | 802                              | 43.3%     | 4.1                 | 1.10             | 29.4              | 81.8            |
| 1150F361-04        | 776                              | 43.3%     | 4.5                 | 1.12             | 34.7              | 83.2            |
| DP 2414 B3TXF      | 766                              | 44.1%     | 4.4                 | 1.11             | 29.1              | 82.6            |
| DP 2211 B3TXF      | 766                              | 42.7%     | 4.4                 | 1.10             | 28.8              | 83.0            |
| AMX12526 B3XF      | 762                              | 44.9%     | 4.7                 | 1.12             | 29.8              | 83.7            |
| NG 3195 B3XF       | 759                              | 42.8%     | 4.5                 | 1.06             | 29.4              | 82.6            |
| 1130F309-04        | 753                              | 42.4%     | 4.4                 | 1.11             | 30.2              | 83.6            |
| PHY443W3FE         | 746                              | 43.1%     | 4.6                 | 1.08             | 30.1              | 82.7            |
| DP 2127 B3XF       | 746                              | 42.7%     | 4.8                 | 1.07             | 28.9              | 83.0            |
| 1140F331-04        | 727                              | 43.3%     | 4.4                 | 1.11             | 33.7              | 84.3            |
| Armor 9371 B3XF    | 723                              | 42.2%     | 4.3                 | 1.08             | 28.2              | 82.9            |
| 1150F360-04        | 715                              | 43.2%     | 4.3                 | 1.16             | 35.1              | 83.0            |
| 1140F330-04        | 701                              | 43.2%     | 4.6                 | 1.09             | 31.1              | 82.8            |
| AMX12502 B3TXF     | 691                              | 44.7%     | 4.3                 | 1.13             | 29.9              | 81.6            |
| DG 4529 B3TXF      | 689                              | 43.0%     | 3.8                 | 1.10             | 29.1              | 81.4            |
| 1140F329-04        | 671                              | 43.8%     | 4.4                 | 1.12             | 30.9              | 83.1            |
| Armor 24X951 B3TXF | 670                              | 45.7%     | 4.6                 | 1.07             | 28.8              | 82.5            |
| PHY411W3FE         | 664                              | 45.3%     | 4.6                 | 1.04             | 31.6              | 82.1            |
| DP 2317 B3TXF      | 664                              | 42.2%     | 4.2                 | 1.09             | 31.0              | 83.2            |
| PHY475W3FE         | 663                              | 43.0%     | 4.3                 | 1.08             | 31.9              | 81.5            |
| DG 3615 B3XF       | 657                              | 42.8%     | 4.2                 | 1.08             | 30.3              | 81.7            |
| NG 3457 B3XF       | 651                              | 42.7%     | 4.3                 | 1.10             | 30.7              | 83.0            |
| 1150F357-04        | 645                              | 43.4%     | 4.7                 | 1.06             | 34.9              | 84.2            |
| 23R9822B3TXF       | 644                              | 42.7%     | 4.1                 | 1.10             | 29.1              | 81.8            |
| PHY360W3FE         | 641                              | 40.2%     | 4.0                 | 1.10             | 28.8              | 81.9            |
| DG 4530 B3TXF      | 638                              | 44.0%     | 4.1                 | 1.10             | 29.0              | 82.9            |
| PHY332W3FE         | 632                              | 41.7%     | 4.4                 | 1.13             | 31.3              | 82.5            |
| PHY415W3FE         | 626                              | 42.6%     | 4.2                 | 1.10             | 32.0              | 82.6            |
| 23R9918B3TXF       | 624                              | 44.4%     | 4.1                 | 1.06             | 28.2              | 82.7            |
| DG H959 B3XF       | 622                              | 40.5%     | 3.8                 | 1.14             | 32.6              | 81.5            |
| DP 1822 XF         | 622                              | 40.5%     | 4.1                 | 1.14             | 33.0              | 82.8            |
| DG 4434 B3TXF      | 599                              | 45.3%     | 4.4                 | 1.10             | 29.9              | 83.3            |
| PHY400W3FE         | 597                              | 42.7%     | 4.3                 | 1.10             | 32.1              | 83.0            |
| AMX12507 B3TXF     | 576                              | 39.7%     | 4.1                 | 1.13             | 30.6              | 82.9            |
| Armor 24X955 B3TXF | 572                              | 44.4%     | 3.8                 | 1.06             | 27.6              | 81.2            |
| NG 4405 B3TXF      | 560                              | 41.0%     | 3.8                 | 1.09             | 30.7              | 82.7            |

| Variety          | Lint Yield<br>pounds per<br>acre | Lint<br>% | Micronaire<br>units | Length<br>inches | Strength<br>g/tex | Uniformity<br>% |
|------------------|----------------------------------|-----------|---------------------|------------------|-------------------|-----------------|
| AMX12572 B3TXF   | 550                              | 43.8%     | 4.9                 | 1.07             | 29.2              | 83.6            |
|                  |                                  |           |                     |                  |                   |                 |
| Average          | 671                              | 42.9%     | 4.3                 | 1.09             | 30.6              | 82.6            |
| LSD at 10% level | N.S.                             | 1.3%      |                     |                  |                   |                 |
| CV               | 17                               | 2         |                     |                  |                   |                 |
| Model R-Square   | 0.37                             | 0.71      |                     |                  |                   |                 |

**Bolded yields** are NOT statistically different from the highest yielding entry.

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**Bolded line** in table indicates test average.

**N.S.** –differences are statistically non-significant.

IRRIGATED FULL SEASON  
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TABLE 24 – LOCATION-SPECIFIC DATA

| Variety            | Lint<br>Yield<br>pounds<br>per acre | Lint<br>% | Micronaire<br>units | Length<br>inches | Strength<br>g/tex | Uniformity<br>% |
|--------------------|-------------------------------------|-----------|---------------------|------------------|-------------------|-----------------|
| 1140F331-04        | <b>2000</b>                         | 45.1%     | 5.0                 | 1.19             | 35.8              | 84.5            |
| 23R8029B3TXF       | <b>1984</b>                         | 46.9%     | 5.4                 | 1.25             | 34.7              | 84.2            |
| DP 2127 B3XF       | <b>1984</b>                         | 45.0%     | 5.2                 | 1.18             | 30.8              | 85.4            |
| PHY545W3FE         | <b>1983</b>                         | 48.4%     | 5.0                 | 1.13             | 32.1              | 84.4            |
| NG 3195 B3XF       | <b>1951</b>                         | 44.8%     | 5.0                 | 1.19             | 32.4              | 85.0            |
| Armor 24X954 B3TXF | <b>1947</b>                         | 45.8%     | 4.8                 | 1.13             | 29.4              | 82.5            |
| 1150F361-04        | <b>1938</b>                         | 44.7%     | 4.8                 | 1.25             | 35.6              | 85.4            |
| PHY443W3FE         | <b>1927</b>                         | 44.7%     | 5.0                 | 1.16             | 33.9              | 85.1            |
| 1150F357-04        | <b>1918</b>                         | 44.9%     | 4.7                 | 1.16             | 36.2              | 84.9            |
| 1140F330-04        | <b>1917</b>                         | 44.8%     | 5.0                 | 1.21             | 34.1              | 85.1            |
| 1140F329-04        | <b>1884</b>                         | 45.5%     | 5.0                 | 1.22             | 35.2              | 85.1            |
| DP 2328 B3TXF      | <b>1881</b>                         | 46.8%     | 5.0                 | 1.18             | 31.3              | 84.2            |
| DG 4530 B3TXF      | <b>1879</b>                         | 46.3%     | 4.6                 | 1.16             | 30.5              | 83.4            |
| PHY360W3FE         | <b>1871</b>                         | 43.9%     | 4.6                 | 1.21             | 31.2              | 82.7            |
| 1150F360-04        | <b>1864</b>                         | 44.3%     | 4.9                 | 1.25             | 34.8              | 85.2            |
| BX 2555AXTP        | <b>1864</b>                         | 46.5%     | 4.3                 | 1.22             | 34.4              | 84.7            |
| 1130F309-04        | <b>1853</b>                         | 44.1%     | 4.9                 | 1.18             | 33.9              | 84.4            |
| BX 2531AXTP        | <b>1844</b>                         | 43.7%     | 4.4                 | 1.25             | 31.5              | 85.3            |
| PHY411W3FE         | <b>1831</b>                         | 44.6%     | 4.9                 | 1.13             | 32.9              | 84.1            |
| DP 2333 B3XF       | <b>1827</b>                         | 46.3%     | 4.8                 | 1.18             | 29.3              | 82.9            |
| PHY415W3FE         | <b>1827</b>                         | 43.9%     | 4.9                 | 1.22             | 33.9              | 85.1            |
| DG 4434 B3TXF      | 1821                                | 45.0%     | 4.8                 | 1.22             | 31.6              | 84.0            |
| DP 2038 B3XF       | 1810                                | 47.7%     | 5.3                 | 1.18             | 32.5              | 84.0            |
| 23R9822B3TXF       | 1800                                | 45.7%     | 4.7                 | 1.18             | 30.7              | 84.5            |
| PHY400W3FE         | 1771                                | 44.5%     | 4.6                 | 1.23             | 34.7              | 84.6            |
| Armor 9831 B3XF    | 1763                                | 46.3%     | 5.0                 | 1.20             | 32.4              | 84.1            |
| PHY475W3FE         | 1758                                | 42.6%     | 4.3                 | 1.17             | 34.0              | 83.0            |
| PHY332W3FE         | 1753                                | 44.4%     | 4.8                 | 1.22             | 33.6              | 84.3            |
| AMX12572 B3TXF     | 1753                                | 46.0%     | 5.3                 | 1.14             | 29.5              | 84.3            |
| NG 5430 B3XF       | 1747                                | 43.6%     | 4.7                 | 1.22             | 31.2              | 84.0            |
| 23R9918B3TXF       | 1743                                | 46.4%     | 4.8                 | 1.15             | 29.8              | 84.2            |
| Armor 9371 B3XF    | 1729                                | 44.7%     | 4.9                 | 1.17             | 31.3              | 85.1            |
| DG 4529 B3TXF      | 1729                                | 44.1%     | 4.7                 | 1.19             | 32.2              | 83.4            |
| 23R9143B3TXF       | 1728                                | 46.6%     | 5.2                 | 1.14             | 30.3              | 85.0            |
| AMX12526 B3XF      | 1715                                | 45.5%     | 5.0                 | 1.20             | 31.8              | 84.8            |
| ST 6000AXTP        | 1704                                | 46.2%     | 4.4                 | 1.22             | 33.2              | 84.0            |

| Variety          | Lint<br>Yield<br>pounds<br>per acre | Lint<br>% | Micronaire<br>units | Length<br>inches | Strength<br>g/tex | Uniformity<br>% |
|------------------|-------------------------------------|-----------|---------------------|------------------|-------------------|-----------------|
| BX 2533AXTP      | 1700                                | 43.0%     | 4.6                 | 1.24             | 32.6              | 85.1            |
| AMX12502 B3TXF   | 1671                                | 44.7%     | 4.4                 | 1.21             | 31.2              | 82.8            |
| AMX12507 B3TXF   | 1669                                | 41.2%     | 4.6                 | 1.28             | 33.8              | 85.3            |
| DG 3615 B3XF     | 1654                                | 43.0%     | 4.9                 | 1.21             | 32.6              | 83.7            |
| DP 2141NR B3TXF  | 1653                                | 44.3%     | 5.2                 | 1.21             | 34.3              | 83.9            |
| NG 4405 B3TXF    | 1648                                | 42.6%     | 4.1                 | 1.20             | 30.6              | 84.0            |
| BX 2556AXTP      | 1637                                | 42.8%     | 4.4                 | 1.26             | 33.6              | 84.4            |
| DP 1822 XF       | 1490                                | 41.9%     | 4.6                 | 1.25             | 33.8              | 84.5            |
| DG H959 B3XF     | 1488                                | 41.1%     | 5.0                 | 1.20             | 33.7              | 84.7            |
| NG 3457 B3XF     | 1443                                | 42.3%     | 4.7                 | 1.21             | 31.2              | 85.2            |
| BX 2557AXTP      | 1392                                | 44.9%     | 4.6                 | 1.26             | 37.0              | 85.5            |
|                  |                                     |           |                     |                  |                   |                 |
| Average          | 1771                                | 44.6%     | 4.8                 | 1.20             | 32.7              | 84.4            |
| LSD at 10% level | 174                                 | 1.7%      |                     |                  |                   |                 |
| CV               | 9                                   | 2         |                     |                  |                   |                 |
| Model R-Square   | 0.65                                | 0.84      |                     |                  |                   |                 |

**Bolded yields** are NOT statistically different from the highest yielding entry.

**Bolded line** in table indicates test average.

**N.S.** –differences are statistically non-significant.

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TABLE 25 – LOCATION-SPECIFIC DATA

| Variety            | Lint Yield<br>pounds per<br>acre | Lint<br>% | Micronaire<br>units | Length<br>inches | Strength<br>g/tex | Uniformity<br>% |
|--------------------|----------------------------------|-----------|---------------------|------------------|-------------------|-----------------|
| BX 2555AXTP        | 1056                             | 43.0%     | 4.5                 | 1.23             | 34.9              | 85.7            |
| DP 2127 B3XF       | 1054                             | 43.0%     | 5.0                 | 1.18             | 33.1              | 85.0            |
| ST 6000AXTP        | 1038                             | 43.3%     | 4.6                 | 1.25             | 35.0              | 85.1            |
| AMX12526 B3XF      | 1025                             | 43.8%     | 4.9                 | 1.23             | 34.2              | 85.8            |
| PHY545W3FE         | 1016                             | 44.0%     | 4.7                 | 1.16             | 33.9              | 84.3            |
| PHY400W3FE         | 1005                             | 41.7%     | 4.1                 | 1.24             | 35.9              | 83.9            |
| DG 4530 B3TXF      | 994                              | 41.6%     | 4.6                 | 1.21             | 31.0              | 84.4            |
| BX 2531AXTP        | 993                              | 40.4%     | 4.4                 | 1.27             | 32.7              | 84.3            |
| DP 2141NR B3TXF    | 975                              | 42.9%     | 5.2                 | 1.21             | 35.2              | 83.6            |
| 23R8029B3TXF       | 974                              | 44.6%     | 5.5                 | 1.21             | 34.7              | 84.5            |
| Armor 9371 B3XF    | 964                              | 43.7%     | 4.8                 | 1.21             | 31.7              | 85.7            |
| BX 2556AXTP        | 948                              | 40.7%     | 4.6                 | 1.28             | 34.6              | 85.1            |
| 1140F331-04        | 944                              | 41.3%     | 4.7                 | 1.25             | 36.7              | 85.7            |
| DP 2038 B3XF       | 940                              | 45.6%     | 4.7                 | 1.20             | 31.7              | 83.2            |
| DP 2333 B3XF       | 915                              | 42.9%     | 5.3                 | 1.19             | 32.3              | 84.6            |
| PHY443W3FE         | 906                              | 41.4%     | 4.9                 | 1.22             | 36.2              | 86.7            |
| Armor 24X954 B3TXF | 905                              | 42.2%     | 4.9                 | 1.18             | 30.6              | 83.6            |
| 1150F361-04        | 905                              | 41.1%     | 4.5                 | 1.25             | 36.0              | 85.6            |
| PHY411W3FE         | 894                              | 43.4%     | 4.7                 | 1.16             | 32.6              | 84.1            |
| Armor 9831 B3XF    | 892                              | 42.0%     | 4.7                 | 1.20             | 33.2              | 83.5            |
| NG 3195 B3XF       | 888                              | 41.3%     | 5.0                 | 1.21             | 33.9              | 85.0            |
| 23R9143B3TXF       | 869                              | 43.1%     | 5.1                 | 1.22             | 33.6              | 85.1            |
| NG 3457 B3XF       | 867                              | 39.5%     | 4.8                 | 1.23             | 31.9              | 85.3            |
| DP 2328 B3TXF      | 862                              | 43.0%     | 4.9                 | 1.22             | 31.6              | 84.5            |
| AMX12507 B3TXF     | 854                              | 39.2%     | 4.7                 | 1.26             | 32.8              | 85.4            |
| 1130F309-04        | 847                              | 40.6%     | 4.8                 | 1.22             | 35.3              | 85.9            |
| 23R9822B3TXF       | 839                              | 41.8%     | 4.4                 | 1.19             | 31.8              | 84.4            |
| 1140F330-04        | 835                              | 40.7%     | 4.8                 | 1.25             | 34.7              | 85.8            |
| BX 2533AXTP        | 835                              | 41.5%     | 4.6                 | 1.24             | 35.5              | 85.5            |
| 1150F357-04        | 834                              | 42.8%     | 4.4                 | 1.18             | 36.8              | 86.2            |
| PHY475W3FE         | 832                              | 38.2%     | 4.7                 | 1.18             | 36.5              | 84.7            |
| DG H959 B3XF       | 832                              | 37.8%     | 4.5                 | 1.23             | 34.2              | 83.3            |
| DG 4434 B3TXF      | 829                              | 42.7%     | 4.6                 | 1.25             | 31.3              | 84.0            |
| DG 3615 B3XF       | 813                              | 41.3%     | 4.8                 | 1.20             | 33.3              | 82.9            |
| NG 5430 B3XF       | 810                              | 41.3%     | 4.9                 | 1.24             | 33.7              | 84.7            |
| 23R9918B3TXF       | 805                              | 44.0%     | 4.6                 | 1.20             | 33.3              | 84.6            |
| AMX12502 B3TXF     | 788                              | 40.6%     | 4.7                 | 1.25             | 32.4              | 84.3            |
| PHY360W3FE         | 783                              | 42.2%     | 5.1                 | 1.20             | 33.8              | 85.1            |

| Variety          | Lint Yield<br>pounds per<br>acre | Lint<br>% | Micronaire<br>units | Length<br>inches | Strength<br>g/tex | Uniformity<br>% |
|------------------|----------------------------------|-----------|---------------------|------------------|-------------------|-----------------|
| 1140F329-04      | 782                              | 41.9%     | 4.7                 | 1.23             | 35.4              | 84.5            |
| NG 4405 B3TXF    | 769                              | 38.7%     | 4.6                 | 1.26             | 34.8              | 86.3            |
| BX 2557AXTP      | 733                              | 43.2%     | 5.1                 | 1.24             | 35.6              | 85.4            |
| DG 4529 B3TXF    | 720                              | 40.9%     | 4.6                 | 1.20             | 33.1              | 84.3            |
| PHY415W3FE       | 714                              | 40.2%     | 4.7                 | 1.25             | 36.5              | 84.6            |
| DP 1822 XF       | 708                              | 39.1%     | 4.5                 | 1.26             | 35.2              | 85.1            |
| PHY332W3FE       | 697                              | 38.5%     | 4.4                 | 1.23             | 35.3              | 84.2            |
| 1150F360-04      | 692                              | 40.6%     | 4.8                 | 1.30             | 37.5              | 86.9            |
| AMX12572 B3TXF   | 679                              | 42.4%     | 5.0                 | 1.23             | 34.2              | 85.7            |
|                  |                                  |           |                     |                  |                   |                 |
| Average          | 865                              | 41.6%     | 4.7                 | 1.22             | 34.1              | 84.8            |
| LSD at 10% level | 150                              | 1.8%      |                     |                  |                   |                 |
| CV               | 15                               | 2         |                     |                  |                   |                 |
| Model R-Square   | 0.53                             | 0.84      |                     |                  |                   |                 |

**Bolded yields** are NOT statistically different from the highest yielding entry.

**Bolded line** in table indicates test average.

**N.S.** –differences are statistically non-significant.

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TABLE 26 – LOCATION-SPECIFIC DATA

| Variety            | Lint Yield<br>pounds<br>per acre | Lint<br>% | Micronaire<br>units | Length<br>inches | Strength<br>g/tex | Uniformity<br>% |
|--------------------|----------------------------------|-----------|---------------------|------------------|-------------------|-----------------|
| 1140F330-04        | 2120                             | 46.2%     | 4.9                 | 1.20             | 35.5              | 83.4            |
| DP 2127 B3XF       | 2045                             | 46.2%     | 5.4                 | 1.16             | 33.1              | 83.8            |
| DP 2414 B3TXF      | 2019                             | 46.7%     | 4.4                 | 1.19             | 30.1              | 83.5            |
| 1140F329-04        | 2011                             | 45.2%     | 4.8                 | 1.20             | 36.8              | 84.8            |
| NG 3195 B3XF       | 2007                             | 44.6%     | 4.8                 | 1.20             | 33.3              | 83.8            |
| DP 2211 B3TXF      | 1952                             | 45.8%     | 4.9                 | 1.21             | 31.8              | 83.8            |
| 1150F361-04        | 1931                             | 44.9%     | 4.8                 | 1.24             | 36.2              | 85.6            |
| 1150F360-04        | 1922                             | 44.4%     | 4.7                 | 1.23             | 34.8              | 85.1            |
| PHY400W3FE         | 1888                             | 45.0%     | 4.8                 | 1.24             | 36.6              | 85.0            |
| PHY411W3FE         | 1846                             | 46.7%     | 4.9                 | 1.10             | 32.2              | 82.4            |
| 1130F309-04        | 1829                             | 43.6%     | 5.1                 | 1.19             | 34.5              | 84.8            |
| 1140F331-04        | 1823                             | 45.2%     | 5.3                 | 1.20             | 37.7              | 85.2            |
| PHY443W3FE         | 1820                             | 44.6%     | 4.5                 | 1.17             | 35.4              | 84.1            |
| 1150F357-04        | 1818                             | 44.9%     | 4.9                 | 1.15             | 36.6              | 85.2            |
| PHY332W3FE         | 1817                             | 43.9%     | 4.7                 | 1.25             | 34.8              | 83.5            |
| AMX12526 B3XF      | 1817                             | 46.8%     | 5.2                 | 1.17             | 31.1              | 83.9            |
| DG 4434 B3TXF      | 1814                             | 45.2%     | 4.6                 | 1.23             | 32.2              | 82.6            |
| AMX12507 B3TXF     | 1803                             | 42.4%     | 4.3                 | 1.27             | 33.1              | 84.1            |
| Armor 24X951 B3TXF | 1789                             | 45.6%     | 4.9                 | 1.25             | 31.4              | 84.4            |
| Armor 9371 B3XF    | 1781                             | 43.5%     | 5.3                 | 1.18             | 29.4              | 83.1            |
| NG 4405 B3TXF      | 1769                             | 43.2%     | 4.6                 | 1.15             | 30.4              | 84.1            |
| 23R9918B3TXF       | 1758                             | 47.3%     | 5.0                 | 1.15             | 30.8              | 82.8            |
| 23R9822B3TXF       | 1753                             | 45.8%     | 4.9                 | 1.17             | 32.0              | 83.8            |
| PHY415W3FE         | 1752                             | 44.1%     | 4.6                 | 1.22             | 35.5              | 84.3            |
| AMX12502 B3TXF     | 1746                             | 43.2%     | 4.6                 | 1.20             | 31.9              | 82.4            |
| PHY360W3FE         | 1745                             | 44.1%     | 4.6                 | 1.20             | 32.2              | 83.1            |
| DP 2317 B3TXF      | 1714                             | 44.4%     | 5.0                 | 1.23             | 33.4              | 83.6            |
| AMX12572 B3TXF     | 1711                             | 48.1%     | 5.4                 | 1.14             | 31.3              | 83.9            |
| NG 5430 B3XF       | 1671                             | 43.5%     | 5.1                 | 1.21             | 33.3              | 84.0            |
| NG 3457 B3XF       | 1670                             | 42.6%     | 4.5                 | 1.19             | 31.9              | 83.2            |
| DG 4530 B3TXF      | 1669                             | 46.1%     | 4.7                 | 1.18             | 32.7              | 84.1            |
| PHY475W3FE         | 1653                             | 45.4%     | 4.9                 | 1.14             | 35.0              | 82.7            |
| DG 3615 B3XF       | 1637                             | 43.4%     | 5.1                 | 1.19             | 33.2              | 83.7            |
| DG 4529 B3TXF      | 1613                             | 44.1%     | 4.4                 | 1.19             | 34.7              | 84.0            |
| Armor 24X955 B3TXF | 1489                             | 43.0%     | 3.9                 | 1.19             | 33.9              | 84.2            |
| DG H959 B3XF       | 1487                             | 40.5%     | 4.6                 | 1.24             | 34.1              | 84.0            |

| Variety          | Lint Yield<br>pounds<br>per acre | Lint<br>% | Micronaire<br>units | Length<br>inches | Strength<br>g/tex | Uniformity<br>% |
|------------------|----------------------------------|-----------|---------------------|------------------|-------------------|-----------------|
| DP 1822 XF       | 1402                             | 42.2%     | 4.6                 | 1.27             | 34.2              | 84.5            |
|                  |                                  |           |                     |                  |                   |                 |
| Average          | 1777                             | 44.6%     | 4.8                 | 1.20             | 33.5              | 83.9            |
| LSD at 10% level | 208                              | 2.4%      |                     |                  |                   |                 |
| CV               | 10                               | 3         |                     |                  |                   |                 |
| Model R-Square   | 0.60                             | 0.71      |                     |                  |                   |                 |

**Bolded yields** are NOT statistically different from the highest yielding entry.

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**Bolded line** in table indicates test average.

**N.S.** –differences are statistically non-significant.

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TABLE 27 – LOCATION-SPECIFIC DATA

| Variety            | Lint Yield<br>pounds per<br>acre | Lint<br>% | Micronaire<br>units | Length<br>inches | Strength<br>g/tex | Uniformity<br>% |
|--------------------|----------------------------------|-----------|---------------------|------------------|-------------------|-----------------|
| PHY443W3FE         | 1071                             | 44.7%     | 5.2                 | 1.16             | 34.9              | 83.5            |
| 1150F360-04        | 1052                             | 44.4%     | 5.1                 | 1.23             | 37.9              | 84.8            |
| AMX12526 B3XF      | 1040                             | 45.1%     | 5.1                 | 1.21             | 32.3              | 84.3            |
| NG 3195 B3XF       | 1040                             | 42.4%     | 5.1                 | 1.22             | 36.3              | 84.1            |
| PHY332W3FE         | 1035                             | 44.0%     | 5.0                 | 1.24             | 37.4              | 84.7            |
| 1140F331-04        | 1032                             | 44.6%     | 5.6                 | 1.18             | 38.4              | 83.9            |
| DP 2414 B3TXF      | 1023                             | 45.2%     | 4.9                 | 1.17             | 30.8              | 84.2            |
| 1140F330-04        | 1013                             | 42.9%     | 5.2                 | 1.22             | 36.6              | 85.2            |
| NG 3457 B3XF       | 1001                             | 42.8%     | 4.9                 | 1.20             | 32.4              | 82.8            |
| PHY415W3FE         | 998                              | 43.6%     | 5.3                 | 1.19             | 37.3              | 85.2            |
| 1150F361-04        | 991                              | 44.7%     | 5.3                 | 1.22             | 37.6              | 85.1            |
| DG 4434 B3TXF      | 980                              | 46.1%     | 4.9                 | 1.23             | 33.1              | 83.6            |
| DG 4529 B3TXF      | 974                              | 42.8%     | 5.0                 | 1.17             | 33.0              | 83.3            |
| NG 5430 B3XF       | 974                              | 41.5%     | 5.0                 | 1.22             | 35.5              | 84.3            |
| DP 2211 B3TXF      | 961                              | 43.6%     | 4.8                 | 1.17             | 30.7              | 84.2            |
| PHY400W3FE         | 954                              | 44.6%     | 5.0                 | 1.17             | 35.2              | 83.7            |
| 1140F329-04        | 952                              | 45.0%     | 5.0                 | 1.17             | 34.4              | 83.4            |
| DP 2127 B3XF       | 949                              | 45.3%     | 5.6                 | 1.14             | 31.9              | 83.6            |
| PHY411W3FE         | 945                              | 43.8%     | 4.9                 | 1.16             | 34.8              | 82.1            |
| PHY475W3FE         | 942                              | 42.7%     | 5.2                 | 1.12             | 35.9              | 83.9            |
| 1130F309-04        | 942                              | 43.8%     | 5.2                 | 1.16             | 35.6              | 83.7            |
| Armor 9371 B3XF    | 940                              | 43.9%     | 4.9                 | 1.18             | 32.6              | 84.2            |
| PHY360W3FE         | 923                              | 44.1%     | 5.2                 | 1.17             | 34.0              | 83.4            |
| AMX12572 B3TXF     | 907                              | 47.2%     | 5.5                 | 1.10             | 30.2              | 83.7            |
| 23R9918B3TXF       | 904                              | 45.3%     | 4.7                 | 1.15             | 31.6              | 82.8            |
| DG 4530 B3TXF      | 902                              | 44.4%     | 4.8                 | 1.20             | 30.2              | 83.9            |
| 23R9822B3TXF       | 900                              | 43.5%     | 4.5                 | 1.14             | 30.3              | 82.1            |
| AMX12507 B3TXF     | 886                              | 41.1%     | 5.3                 | 1.24             | 36.0              | 84.4            |
| Armor 24X951 B3TXF | 873                              | 45.0%     | 5.0                 | 1.22             | 30.7              | 84.3            |
| DG 3615 B3XF       | 871                              | 43.0%     | 5.2                 | 1.16             | 33.0              | 83.4            |
| DG H959 B3XF       | 851                              | 39.3%     | 5.0                 | 1.19             | 34.8              | 83.4            |
| DP 2317 B3TXF      | 841                              | 42.0%     | 5.2                 | 1.25             | 34.2              | 84.3            |
| Armor 24X955 B3TXF | 815                              | 43.2%     | 4.3                 | 1.15             | 32.2              | 83.1            |
| 1150F357-04        | 815                              | 43.9%     | 5.4                 | 1.15             | 38.8              | 85.0            |
| DP 1822 XF         | 793                              | 42.4%     | 5.0                 | 1.22             | 36.0              | 84.5            |
| NG 4405 B3TXF      | 785                              | 40.6%     | 4.6                 | 1.19             | 32.4              | 83.9            |

| Variety          | Lint Yield<br>pounds per<br>acre | Lint<br>% | Micronaire<br>units | Length<br>inches | Strength<br>g/tex | Uniformity<br>% |
|------------------|----------------------------------|-----------|---------------------|------------------|-------------------|-----------------|
| AMX12502 B3TXF   | 755                              | 43.3%     | 5.0                 | 1.20             | 31.8              | 82.7            |
|                  |                                  |           |                     |                  |                   |                 |
| Average          | 932                              | 43.6%     | 5.0                 | 1.18             | 34.1              | 83.8            |
| LSD at 10% level | 122                              | 2.1%      |                     |                  |                   |                 |
| CV               | 12                               | 3         |                     |                  |                   |                 |
| Model R-Square   | 0.54                             | 0.78      |                     |                  |                   |                 |

**Bolded yields** are NOT statistically different from the highest yielding entry.

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**Bolded line** in table indicates test average.

**N.S.** –differences are statistically non-significant.

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TABLE 28 – LOCATION-SPECIFIC DATA

No results are available for this trial due to excessive variation.

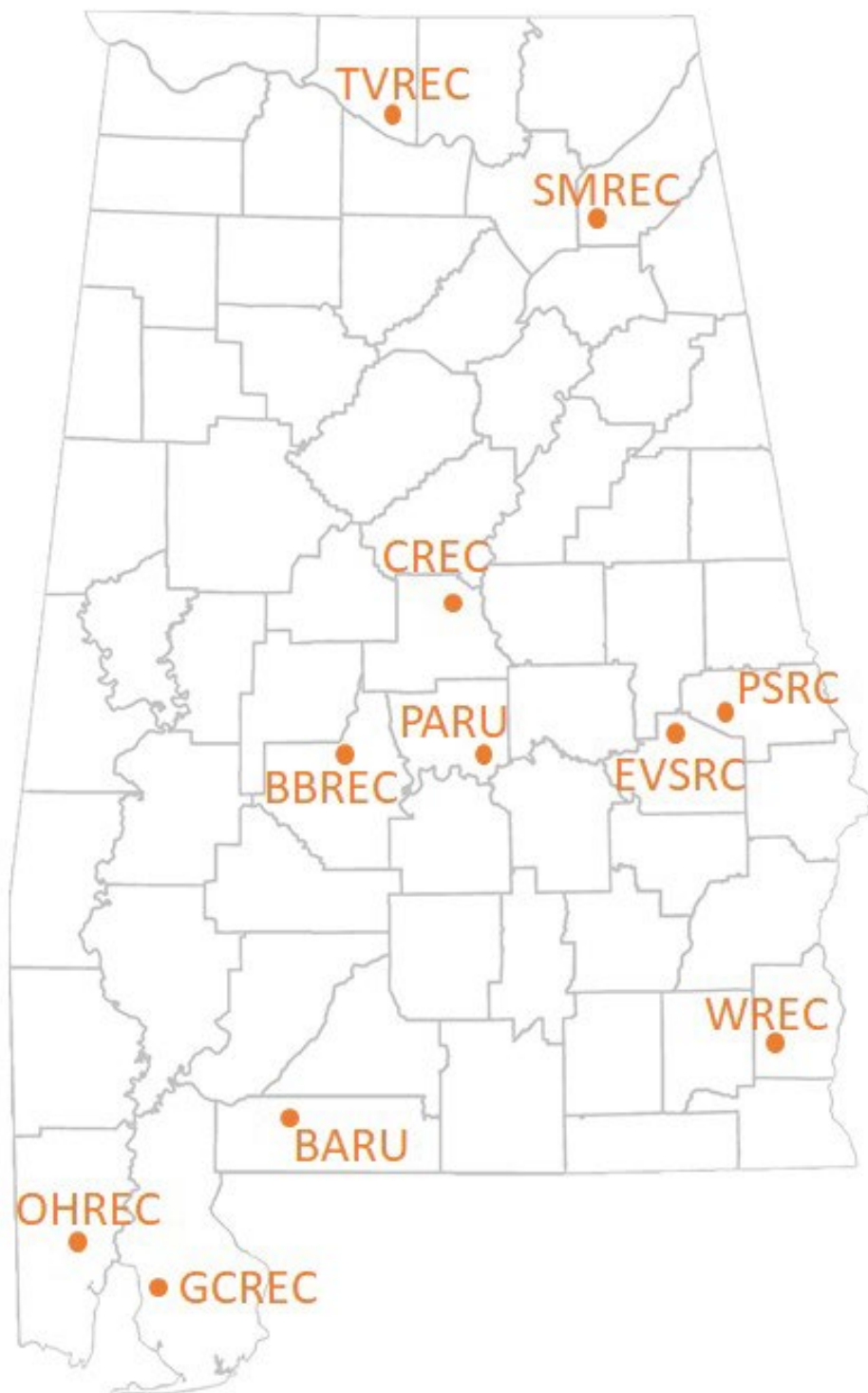
| Variety | Lint Yield<br>pounds per acre | Lint<br>% | Micronaire<br>units | Length<br>inches | Strength<br>g/tex | Uniformity<br>% |
|---------|-------------------------------|-----------|---------------------|------------------|-------------------|-----------------|
|         |                               |           |                     |                  |                   |                 |
|         |                               |           |                     |                  |                   |                 |
|         |                               |           |                     |                  |                   |                 |
|         |                               |           |                     |                  |                   |                 |
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|         |                               |           |                     |                  |                   |                 |
|         |                               |           |                     |                  |                   |                 |
|         |                               |           |                     |                  |                   |                 |
|         |                               |           |                     |                  |                   |                 |
|         |                               |           |                     |                  |                   |                 |
|         |                               |           |                     |                  |                   |                 |
|         |                               |           |                     |                  |                   |                 |
|         |                               |           |                     |                  |                   |                 |
|         |                               |           |                     |                  |                   |                 |
|         |                               |           |                     |                  |                   |                 |
|         |                               |           |                     |                  |                   |                 |
|         |                               |           |                     |                  |                   |                 |
|         |                               |           |                     |                  |                   |                 |
|         |                               |           |                     |                  |                   |                 |

**Bolded yields** are NOT statistically different from the highest yielding entry.

**Bolded line** in table indicates test average.

**N.S.** –differences are statistically non-significant.

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## CONTACT

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