

## 2020 Summary of Lint Yield and Ranking of 12 Cotton Cultivars Containing Multiple Technologies<sup>†</sup>

| Variety Name     | Ashley County |     | Clay County |   | Clark County |     | Craighead County |    | Desha County |    | Jefferson County |    | Lafayette County |   | Lonoke County |    | Mississippi County |    | Phillips/Monroe County |   | Poinsett County |    | St. Francis County |    | Average Rank |       |
|------------------|---------------|-----|-------------|---|--------------|-----|------------------|----|--------------|----|------------------|----|------------------|---|---------------|----|--------------------|----|------------------------|---|-----------------|----|--------------------|----|--------------|-------|
|                  | Lint lb/A     | R   | Lint lb/A   | R | Lint lb/A    | R   | Lint lb/A        | R  | Lint lb/A    | R  | Lint lb/A        | R  | Lint lb/A        | R | Lint lb/A     | R  | Lint lb/A          | R  | Lint lb/A              | R | Lint lb/A       | R  | Lint lb/A          | R  | Lint lb/A    | R     |
| DP 2012 B3XF     | 1065          | 2-4 | 1360        |   | 1125         | 1   | 1740             | 5  | 1347         | 3  | 1337             | 1  | 1530             |   | 1364          | 4  | 1743               | 4  |                        |   | 1888            | 6  | 1574               | 6  | 1465         | 3.67  |
| DG 3456 B3XF     | 971           | 9   | 1224        |   | 1011         | 6-7 | 1810             | 2  | 1218         | 10 | 1265             | 4  | 1651             |   | 1551          | 1  | 1794               | 2  |                        |   | 1990            | 2  | 1664               | 1  | 1475         | 4.17  |
| DP 2020 B3XF     | 1030          | 6-7 | 1465        |   | 1069         | 3   | 1752             | 4  | 1330         | 4  | 1209             | 8  | 1638             |   | 1326          | 6  | 1672               | 5  |                        |   | 1881            | 7  | 1578               | 5  | 1427         | 5.39  |
| DP 2038 B3XF     | 948           | 11  |             |   | 1009         | 8   | 1910             | 1  | 1136         | 11 | 1163             | 10 | 1609             |   | 1429          | 3  | 1899               | 1  |                        |   | 2090            | 1  | 1615               | 4  | 1467         | 5.56  |
| ST 4550 GLTP     | 1030          | 6-7 |             |   | 1070         | 2   | 1720             | 7  | 1299         | 6  | 1246             | 6  |                  |   | 1276          | 7  | 1779               | 3  |                        |   | 1654            | 12 | 1656               | 2  | 1414         | 5.72  |
| NG 4936 B3XF     | 1059          | 5   | 1480        |   | 1065         | 4   | 1569             | 12 | 1367         | 2  | 1333             | 2  | 1505             |   | 1243          | 8  | 1660               | 6  |                        |   | 1876            | 8  | 1524               | 8  | 1411         | 6.11  |
| DP 1646 B2XF     | 1065          | 2-4 |             |   | 1003         | 10  | 1733             | 6  | 1371         | 1  | 1307             | 3  | 1143             |   | 1141          | 11 | 1649               | 7  |                        |   | 1941            | 3  | 1269               | 12 | 1387         | 6.22  |
| DG 3535 B3XF     | 952           | 10  | 1502        |   | 1011         | 6-7 | 1713             | 8  | 1286         | 7  | 1171             | 9  | 1411             |   | 1452          | 2  | 1567               | 11 |                        |   | 1895            | 5  | 1633               | 3  | 1409         | 6.83  |
| PHY 390 W3FE     | 1140          | 1   | 1387        |   | 1004         | 9   | 1782             | 3  | 1282         | 8  | 1246             | 5  |                  |   | 1231          | 10 | 1573               | 10 |                        |   | 1803            | 10 | 1481               | 10 | 1394         | 7.33  |
| PHY 400 W3FE     | 1065          | 2-4 | 1301        |   | 964          | 11  | 1611             | 10 | 1304         | 5  | 1150             | 11 |                  |   | 1358          | 5  | 1627               | 9  |                        |   | 1936            | 4  | 1510               | 9  | 1392         | 7.44  |
| ST 4990 B3XF     | 992           | 8   | 1425        |   | 928          | 12  | 1591             | 11 | 1279         | 9  | 1214             | 7  | 1519             |   | 1233          | 9  | 1489               | 12 |                        |   | 1739            | 11 | 1542               | 7  | 1334         | 9.56  |
| NG 4098 B3XF     | 877           | 12  | 1426        |   | 1028         | 5   | 1688             | 9  | 1048         | 12 | 993              | 12 | 1251             |   | 1103          | 12 | 1636               | 8  |                        |   | 1821            | 9  | 1440               | 11 | 1293         | 10.00 |
| Planting Date    | 5/22/2020     |     | 5/11/2020   |   | 6/1/2020     |     | 5/19/220         |    | 5/6/2020     |    | 5/14/2020        |    | 5/20/2020        |   | 5/5/2020      |    | 5/25/2020          |    | 5/16/2020              |   | 5/7/2020        |    | 5/21/2020          |    |              |       |
| Plant Population | 32670         |     | 32836       |   | 36505        |     | 35599            |    | 34771        |    | 33370            |    | 27675            |   | 28403         |    | 38401              |    | 35068                  |   | 32918           |    | 33543              |    |              |       |

<sup>†</sup>Technology Key –

Bt Traits:

Two gene – B2, W, T

Three gene – W3, B3, TP

Herbicide Tolerant Traits:

RF – tolerant to glyphosate

GL – tolerant to glyphosate, glufosinate

XF – tolerant to glyphosate, glufosinate, dicamba

FE – tolerant to glyphosate, glufosinate, 2,4-D choline