

TABLE 1. COTTON CULTIVAR TRIAL - EARLY MATURITY - COASTAL PLAIN:  
EDISTO RESEARCH AND EDUCATION CENTER, BLACKVILLE, S.C.  
RCBD ANALYSYS

| COMPANY OR<br>BRAND NAME                   | VARIETY<br>OR STRAIN          | 4-YEAR AVERAGES                           |  | 3-YEAR AVERAGES                           |  | 2-YEAR AVERAGES                           |  | RANK     | 2003 DATA               |                        |
|--|-------------------------------|---|--|---|--|---|--|----------|-------------------------|------------------------|
|  |                               | --- 2000-3 ---<br>LINT<br>YIELD<br>(LB/A) | --- 2000-3 ---<br>LINT<br>PERCENT<br>(%) | --- 2001-3 ---<br>LINT<br>YIELD<br>(LB/A) | --- 2001-3 ---<br>LINT<br>PERCENT<br>(%) | --- 2002-3 ---<br>LINT<br>YIELD<br>(LB/A) | --- 2002-3 ---<br>LINT<br>PERCENT<br>(%) |          | LINT<br>YIELD<br>(LB/A) | LINT<br>PERCENT<br>(%) |
| FIBERMAX                                   | FM 958                        | 1283                                      | 41.7                                     | 1294                                      | 41.8                                     | 1222                                      | 40.9                                     | 1        | 1739                    | 41.0                   |
| FIBERMAX                                   | FM 966                        | 1158                                      | 39.3                                     | 1180                                      | 38.7                                     | 1145                                      | 37.1                                     | 3        | 1659                    | 38.9                   |
| Delta and Pine Land<br>Stoneville          | SG 215 BG/RR<br>ST 4793R      | 1141<br>1092                              | 39.2<br>40.2                             | 1136<br>1132                              | 38.9<br>40.1                             | 1065<br>1160                              | 37.1<br>39.3                             | 25<br>5  | 1331<br>1615            | 36.1<br>39.5           |
| Delta and Pine Land<br>Stoneville          | Sure-Grow 105<br>ST 4892BR    | 1072<br>1066                              | 38.2<br>38.6                             | 1022<br>1058                              | 37.9<br>38.2                             | 987<br>1116                               | 36.9<br>36.9                             | 28<br>18 | 1291<br>1456            | 36.3<br>36.0           |
| Delta and Pine Land<br>Delta and Pine Land | Sure-Grow 521 R<br>DP 436 RR  | 1030<br>1015                              | 38.7<br>35.7                             | 989<br>1027                               | 38.8<br>35.8                             | 962<br>1049                               | 38.8<br>35.4                             | 30<br>24 | 1234<br>1339            | 38.5<br>33.7           |
| Delta and Pine Land<br>Delta and Pine Land | DP 451 B/RR<br>PM 1199 RR     | 991<br>-                                  | 35.8<br>-                                | 1020<br>1028                              | 35.9<br>39.2                             | 1015<br>1047                              | 35.6<br>38.7                             | 26<br>16 | 1328<br>1471            | 36.2<br>39.1           |
| BCG  | BCG295                        | -   | -  | -   | -  | 1208                                      | 37.3                                     | 15       | 1492                    | 36.4                   |
| BCG  | BCG28R                        | -   | -  | -   | -  | 1169                                      | 39.7                                     | 8        | 1575                    | 39.4                   |
| Delta and Pine Land<br>PhytoGen            | DP 444 BG/RR<br>PHY 410 RR    | -<br>-                                    | -<br>-                                   | -<br>-                                    | -<br>-                                   | 1127<br>-                                 | 40.2<br>-                                | 22<br>2  | 1351<br>1696            | 40.9<br>38.5           |
| Delta and Pine Land<br>FIBERMAX            | DP 432 RR<br>FM 960 BR        | -<br>-                                    | -<br>-                                   | -<br>-                                    | -<br>-                                   | -<br>-                                    | -<br>-                                   | 4<br>6   | 1640<br>1610            | 37.3<br>39.2           |
| Delta and Pine Land<br>Delta and Pine Land | DPLX01Z34<br>Sure-Grow 501 BR | -<br>-                                    | -<br>-                                   | -<br>-                                    | -<br>-                                   | -<br>-                                    | -<br>-                                   | 7<br>9   | 1593<br>1573            | 39.9<br>37.8           |
| FIBERMAX<br>Stoneville                     | FM 958 LL<br>ST 457           | -<br>-                                    | -<br>-                                   | -<br>-                                    | -<br>-                                   | -<br>-                                    | -<br>-                                   | 10<br>11 | 1570<br>1561            | 40.4<br>38.7           |
| Delta and Pine Land<br>Delta and Pine Land | DPLX02X71R<br>DPLX01W99R-074  | -<br>-                                    | -<br>-                                   | -<br>-                                    | -<br>-                                   | -<br>-                                    | -<br>-                                   | 12<br>13 | 1519<br>1516            | 37.3<br>39.5           |
| Delta and Pine Land<br>UGA                 | DPLX00W12<br>GA99090          | -<br>-                                    | -<br>-                                   | -<br>-                                    | -<br>-                                   | -<br>-                                    | -<br>-                                   | 14<br>17 | 1506<br>1460            | 39.0<br>39.0           |
| UGA<br>Stoneville                          | GA99029<br>ST 4646B2R         | -<br>-                                    | -<br>-                                   | -<br>-                                    | -<br>-                                   | -<br>-                                    | -<br>-                                   | 19<br>20 | 1430<br>1357            | 39.0<br>36.7           |
| Stoneville<br>Delta and Pine Land          | ST 3990BR<br>DP 424 BGII/RR   | -<br>-                                    | -<br>-                                   | -<br>-                                    | -<br>-                                   | -<br>-                                    | -<br>-                                   | 21<br>23 | 1352<br>1341            | 37.2<br>35.1           |
| FIBERMAX<br>Delta and Pine Land            | FM 966 LL<br>DP 449 BG/RR     | -<br>-                                    | -<br>-                                   | -<br>-                                    | -<br>-                                   | -<br>-                                    | -<br>-                                   | 27<br>29 | 1314<br>1275            | 40.2<br>37.2           |
| AVERAGES                                   |                               | 1094                                      | 38.6                                     | 1088                                      | 38.5                                     | 1098                                      | 38.0                                     |          | 1473                    | 38.2                   |
| L.S.D. (.10)                               |                               | 148                                       | -  | NS  | -  | NS  | -  |          | NS                      | -                      |
| C.V. (%)                                   |                               | 16.4                                      | -  | 16.2                                      | -  | 18.7                                      | -  |          | 16.7                    | -                      |
| R-Squared                                  |                               |   |  |   |  |   |  |          | 0.36                    |                        |
| STD. ERR. OF ENTRY MEAN                    |                               |   |  |   |  |   |  |          | 123.1                   | DF=87                  |

TABLE 2. COTTON CULTIVAR TRIAL - EARLY MATURITY - COASTAL PLAIN:  
EDISTO RESEARCH AND EDUCATION CENTER, BLACKVILLE, S.C.

| COMPANY OR<br>BRAND NAME | VARIETY<br>OR STRAIN | 2003 AVG.               | 2002 AVG. |                         | 2001 AVG. |                         | 2000 AVG. |                         |
|--------------------------|----------------------|-------------------------|-----------|-------------------------|-----------|-------------------------|-----------|-------------------------|
|                          |                      | LINT<br>YIELD<br>(LB/A) | RANK      | LINT<br>YIELD<br>(LB/A) | RANK      | LINT<br>YIELD<br>(LB/A) | RANK      | LINT<br>YIELD<br>(LB/A) |
| FIBERMAX                 | FM 958               | 1739                    | 20        | 704                     | 1         | 1439                    | 2         | 1248                    |
| PhytoGen                 | PHY 410 RR           | 1696                    | -         | -                       | -         | -                       | -         | -                       |
| FIBERMAX                 | FM 966               | 1659                    | 24        | 630                     | 9         | 1250                    | 13        | 1091                    |
| Delta and Pine Land      | DP 432 RR            | 1640                    | -         | -                       | -         | -                       | -         | -                       |
| Stoneville               | ST 4793R             | 1615                    | 19        | 705                     | 17        | 1077                    | 25        | 972                     |
| FIBERMAX                 | FM 960 BR            | 1610                    | -         | -                       | -         | -                       | -         | -                       |
| Delta and Pine Land      | DPLX01Z34            | 1593                    | -         | -                       | -         | -                       | -         | -                       |
| BCG                      | BCG28R               | 1575                    | 16        | 762                     | -         | -                       | -         | -                       |
| Delta and Pine Land      | Sure-Grow 501 BR     | 1573                    | -         | -                       | -         | -                       | -         | -                       |
| FIBERMAX                 | FM 958 LL            | 1570                    | -         | -                       | -         | -                       | -         | -                       |
| Stoneville               | ST 457               | 1561                    | -         | -                       | -         | -                       | -         | -                       |
| Delta and Pine Land      | DPLX02X71R           | 1519                    | -         | -                       | -         | -                       | -         | -                       |
| Delta and Pine Land      | DPLX01W99R-074       | 1516                    | -         | -                       | -         | -                       | -         | -                       |
| Delta and Pine Land      | DPLX00W12            | 1506                    | -         | -                       | -         | -                       | -         | -                       |
| BCG                      | BCG295               | 1492                    | 4         | 924                     | -         | -                       | -         | -                       |
| Delta and Pine Land      | PM 1199 RR           | 1471                    | 25        | 623                     | 25        | 990                     | -         | -                       |
| UGA                      | GA99090              | 1460                    | -         | -                       | -         | -                       | -         | -                       |
| Stoneville               | ST 4892BR            | 1456                    | 15        | 775                     | 27        | 941                     | 14        | 1091                    |
| UGA                      | GA99029              | 1430                    | -         | -                       | -         | -                       | -         | -                       |
| Stoneville               | ST 4646B2R           | 1357                    | -         | -                       | -         | -                       | -         | -                       |
| Stoneville               | ST 3990BR            | 1352                    | -         | -                       | -         | -                       | -         | -                       |
| Delta and Pine Land      | DP 444 BG/RR         | 1351                    | 5         | 904                     | -         | -                       | -         | -                       |
| Delta and Pine Land      | DP 424 BGII/RR       | 1341                    | -         | -                       | -         | -                       | -         | -                       |
| Delta and Pine Land      | DP 436 RR            | 1339                    | 17        | 759                     | 26        | 983                     | 24        | 978                     |
| Delta and Pine Land      | SG 215 BG/RR         | 1331                    | 13        | 799                     | 8         | 1279                    | 7         | 1154                    |
| Delta and Pine Land      | DP 451 B/RR          | 1328                    | 21        | 701                     | 22        | 1032                    | 32        | 902                     |
| FIBERMAX                 | FM 966 LL            | 1314                    | -         | -                       | -         | -                       | -         | -                       |
| Delta and Pine Land      | Sure-Grow 105        | 1291                    | 23        | 683                     | 15        | 1092                    | 3         | 1224                    |
| Delta and Pine Land      | DP 449 BG/RR         | 1275                    | -         | -                       | -         | -                       | -         | -                       |
| Delta and Pine Land      | Sure-Grow 521 R      | 1234                    | 22        | 691                     | 20        | 1041                    | 6         | 1155                    |

TABLE 3. COTTON CULTIVAR TRIAL - EARLY MATURITY - COASTAL PLAIN:  
EDISTO RESEARCH AND EDUCATION CENTER, BLACKVILLE, S.C.  
MEANS ADJUSTED BY LATTICE PROCEDURE

| COMPANY OR<br>BRAND NAME      | VARIETY<br>OR STRAIN | -----2003 DATA-----     |                        |
|-------------------------------|----------------------|-------------------------|------------------------|
|                               |                      | LINT<br>YIELD<br>(LB/A) | LINT<br>PERCENT<br>(%) |
| FIBERMAX                      | FM 958               | 1740                    | 0.41                   |
| Stoneville                    | ST 457               | 1663                    | 0.38                   |
| FIBERMAX                      | FM 960 BR            | 1657                    | 0.39                   |
| FIBERMAX                      | FM 958 LL            | 1625                    | 0.41                   |
| Stoneville                    | ST 4793R             | 1602                    | 0.40                   |
| Delta and Pine Land           | Sure-Grow 501 BR     | 1583                    | 0.38                   |
| FIBERMAX                      | FM 966               | 1578                    | 0.39                   |
| PhytoGen                      | PHY 410 RR           | 1564                    | 0.39                   |
| Beltwide Cotton Genetics      | BCG295               | 1543                    | 0.36                   |
| Beltwide Cotton Genetics      | BCG28R               | 1540                    | 0.40                   |
| Delta and Pine Land           | DP 444 BG/RR         | 1534                    | 0.40                   |
| Delta and Pine Land           | DPLX01Z34            | 1530                    | 0.40                   |
| Delta and Pine Land           | DP 432 RR            | 1495                    | 0.38                   |
| Delta and Pine Land           | PM 1199 RR           | 1474                    | 0.40                   |
| Delta and Pine Land           | DPLX01W99R-074       | 1463                    | 0.40                   |
| Delta and Pine Land           | SG 215 BG/RR         | 1455                    | 0.36                   |
| UGA                           | GA99090              | 1454                    | 0.38                   |
| Delta and Pine Land           | DPLX02X71R           | 1442                    | 0.38                   |
| Delta and Pine Land           | DPLX00W12            | 1440                    | 0.39                   |
| Delta and Pine Land           | DP 449 BG/RR         | 1436                    | 0.37                   |
| Stoneville                    | ST 4892BR            | 1428                    | 0.36                   |
| UGA                           | GA99029              | 1408                    | 0.40                   |
| Delta and Pine Land           | DP 451 B/RR          | 1381                    | 0.35                   |
| Stoneville                    | ST 3990BR            | 1368                    | 0.38                   |
| Stoneville                    | ST 4646B2R           | 1354                    | 0.37                   |
| Delta and Pine Land           | DP 424 BGII/RR       | 1317                    | 0.34                   |
| FIBERMAX                      | FM 966 LL            | 1313                    | 0.40                   |
| Delta and Pine Land           | DP 436 RR            | 1313                    | 0.34                   |
| Delta and Pine Land           | Sure-Grow 521 R      | 1220                    | 0.38                   |
| Delta and Pine Land           | Sure-Grow 105        | 1220                    | 0.36                   |
| AVERAGES                      |                      | 1473                    | 40.7                   |
| L.S.D. (.10)                  |                      | 143                     | -                      |
| C.V. (%)                      |                      | 9.5                     | -                      |
| STD. ERROR OF ENTRY MEAN      |                      | 78.2                    | DF=87                  |
| R-SQUARED                     |                      | 0.84                    |                        |
| RELAVITE EFFICIENCY TO A RCBD |                      | 247.6%                  |                        |

TABLE 4. COTTON CULTIVAR TRIAL - LATER MATURITY - COASTAL PLAIN:  
EDISTO RESEARCH AND EDUCATION CENTER, BLACKVILLE, S.C.  
RCBD ANALYSYS

| COMPANY OR<br>BRAND NAME | VARIETY<br>OR STRAIN | 4-YEAR AVERAGES                           |  | 3-YEAR AVERAGES                           |  | 2-YEAR AVERAGES                           |  | RANK | 2003 DATA               |                        |
|--------------------------|----------------------|---|--|---|--|---|--|------|-------------------------|------------------------|
|                          |                      | --- 2000-3 ---<br>LINT<br>YIELD<br>(LB/A) | --- 2000-3 ---<br>LINT<br>PERCENT<br>(%) | --- 2001-3 ---<br>LINT<br>YIELD<br>(LB/A) | --- 2001-3 ---<br>LINT<br>PERCENT<br>(%) | --- 2002-3 ---<br>LINT<br>YIELD<br>(LB/A) | --- 2002-3 ---<br>LINT<br>PERCENT<br>(%) |      | LINT<br>YIELD<br>(LB/A) | LINT<br>PERCENT<br>(%) |
| Delta and Pine Land      | DeltaPEARL           | 1205                                      | 40.6                                     | 1230                                      | 40.6                                     | 1197                                      | 40.4                                     | 8    | 1440                    | 40.0                   |
| Delta and Pine Land      | DP 5690 RR           | 1109                                      | 37.9                                     | 1060                                      | 37.6                                     | 1026                                      | 36.8                                     | 17   | 1222                    | 36.2                   |
| Delta and Pine Land      | DP 458 B/RR          | 1094                                      | 38.5                                     | 1057                                      | 38.2                                     | 1022                                      | 37.8                                     | 20   | 1161                    | 37.5                   |
| FIBERMAX                 | FM 989               | 1025                                      | 39.4                                     | 993                                       | 39.0                                     | 908                                       | 38.2                                     | 26   | 1089                    | 37.6                   |
| Delta and Pine Land      | DP 5415 RR           | 1021                                      | 38.5                                     | 984                                       | 38.1                                     | 950                                       | 37.7                                     | 25   | 1092                    | 36.8                   |
| Delta and Pine Land      | DP 555 BG/RR         | -   | -  | 1375                                      | 42.5                                     | 1374                                      | 41.4                                     | 2    | 1687                    | 41.3                   |
| Delta and Pine Land      | DP 491               | -   | -  | 1257                                      | 42.1                                     | 1234                                      | 40.4                                     | 4    | 1574                    | 39.4                   |
| Stoneville               | ST 4892BR            | -   | -  | 1106                                      | 39.7                                     | 1124                                      | 38.8                                     | 12   | 1386                    | 38.0                   |
| Stoneville               | ST 5599BR            | -   | -  | 1075                                      | 40.9                                     | 1079                                      | 40.5                                     | 11   | 1413                    | 39.0                   |
| FIBERMAX                 | FM 989 RR            | -   | -  | 1061                                      | 40.0                                     | 1023                                      | 39.2                                     | 14   | 1302                    | 39.5                   |
| FIBERMAX                 | FM 991 RR            | -   | -  | 1059                                      | 38.0                                     | 1034                                      | 37.8                                     | 19   | 1203                    | 37.2                   |
| FIBERMAX                 | FM 989 BR            | -   | -  | 1036                                      | 39.1                                     | 947                                       | 37.4                                     | 18   | 1214                    | 38.3                   |
| Delta and Pine Land      | DP 448 B             | -   | -  | 974                                       | 37.2                                     | 899                                       | 36.4                                     | 22   | 1146                    | 36.1                   |
| Delta and Pine Land      | DP 493               | -   | -  | -   | -  | 1358                                      | 42.4                                     | 1    | 1768                    | 41.9                   |
| Delta and Pine Land      | DP 449 BG/RR         | -   | -  | -   | -  | 1157                                      | 37.0                                     | 7    | 1454                    | 35.6                   |
| Stoneville               | ST 5303R             | -   | -  | -   | -  | 952                                       | 38.4                                     | 28   | 1057                    | 38.0                   |
| Stoneville               | ST 5242BR            | -   | -  | -   | -  | -   | -  | 3    | 1654                    | 40.3                   |
| UGA                      | GA200061             | -   | -  | -   | -  | -   | -  | 5    | 1521                    | 41.5                   |
| Delta and Pine Land      | DPLX03X176BR         | -   | -  | -   | -  | -   | -  | 6    | 1478                    | 39.9                   |
| Delta and Pine Land      | DP 494 R             | -   | -  | -   | -  | -   | -  | 9    | 1424                    | 39.3                   |
| Delta and Pine Land      | DPLX02X25R           | -   | -  | -   | -  | -   | -  | 10   | 1414                    | 38.5                   |
| UGA                      | GA200024             | -   | -  | -   | -  | -   | -  | 13   | 1338                    | 39.0                   |
| UGA                      | GA200013             | -   | -  | -   | -  | -   | -  | 15   | 1284                    | 38.7                   |
| PhytoGen                 | PHY X8936 RR         | -   | -  | -   | -  | -   | -  | 16   | 1239                    | 37.1                   |
| FIBERMAX                 | FM 981LL             | -   | -  | -   | -  | -   | -  | 21   | 1147                    | 37.7                   |
| BCG                      | BCG24R               | -   | -  | -   | -  | -   | -  | 23   | 1138                    | 38.8                   |
| FIBERMAX                 | FM 991 BR            | -   | -  | -   | -  | -   | -  | 24   | 1121                    | 37.8                   |
| PhytoGen                 | PHY 510 RR           | -   | -  | -   | -  | -   | -  | 27   | 1075                    | 36.5                   |
| Delta and Pine Land      | DP 468 BGII/RR       | -   | -  | -   | -  | -   | -  | 29   | 1022                    | 32.6                   |
| AVERAGES                 |                      | 1091                                      | 39.0                                     | 1097                                      | 39.4                                     | 1080                                      | 38.8                                     |      | 1312                    | 38.3                   |
| L.S.D. (.10)             |                      | 95  | -  | 125                                       | -  | 210                                       | -  |      | 320                     | -                      |
| C.V. (%)                 |                      | 12.3                                      | -  | 16.1                                      | -  | 19.2                                      | -  |      | 20.8                    | -                      |
| R-Squared                |                      |   |  |   |  |   |  |      | 0.51                    |                        |
| STD. ERR. OF ENTRY MEAN  |                      |   |  |   |  |   |  |      | 136.2                   | DF=84                  |

TABLE 5. COTTON CULTIVAR TRIAL - LATER MATURITY - COASTAL PLAIN:  
EDISTO RESEARCH AND EDUCATION CENTER, BLACKVILLE, S.C.

| COMPANY OR<br>BRAND NAME | VARIETY<br>OR STRAIN | 2003 AVG.               | 2002 AVG.                         | 2001 AVG.                         | 2000 AVG.                         |
|--------------------------|----------------------|-------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
|                          |                      | LINT<br>YIELD<br>(LB/A) | RANK LINT<br>OF33 YIELD<br>(LB/A) | RANK LINT<br>OF36 YIELD<br>(LB/A) | RANK LINT<br>OF34 YIELD<br>(LB/A) |
| Delta and Pine Land      | DP 493               | 1768                    | 7 947                             | - -                               | - -                               |
| Delta and Pine Land      | DP 555 BG/RR         | 1687                    | 1 1061                            | 1 1377                            | - -                               |
| Stoneville               | ST 5242BR            | 1654                    | - -                               | - -                               | - -                               |
| Delta and Pine Land      | DP 491               | 1574                    | 10 895                            | 2 1301                            | - -                               |
| UGA                      | GA200061             | 1521                    | - -                               | - -                               | - -                               |
| Delta and Pine Land      | DPLX03X176BR         | 1478                    | - -                               | - -                               | - -                               |
| Delta and Pine Land      | DP 449 BG/RR         | 1454                    | 16 860                            | - -                               | - -                               |
| Delta and Pine Land      | DeltaPEARL           | 1440                    | 6 955                             | 3 1296                            | 16 1127                           |
| Delta and Pine Land      | DP 494 R             | 1424                    | - -                               | - -                               | - -                               |
| Delta and Pine Land      | DPLX02X25R           | 1414                    | - -                               | - -                               | - -                               |
| Stoneville               | ST 5599BR            | 1413                    | 29 744                            | 22 1067                           | - -                               |
| Stoneville               | ST 4892BR            | 1386                    | 15 863                            | 20 1069                           | - -                               |
| UGA                      | GA200024             | 1338                    | - -                               | - -                               | - -                               |
| FIBERMAX                 | FM 989 RR            | 1302                    | 28 745                            | 10 1135                           | - -                               |
| UGA                      | GA200013             | 1284                    | - -                               | - -                               | - -                               |
| PhytoGen                 | PHY X8936 RR         | 1239                    | - -                               | - -                               | - -                               |
| Delta and Pine Land      | DP 5690 RR           | 1222                    | 19 829                            | 11 1130                           | 6 1254                            |
| FIBERMAX                 | FM 989 BR            | 1214                    | 35 679                            | 4 1214                            | - -                               |
| FIBERMAX                 | FM 991 RR            | 1203                    | 14 864                            | 16 1110                           | - -                               |
| Delta and Pine Land      | DP 458 B/RR          | 1161                    | 13 884                            | 13 1127                           | 9 1206                            |
| FIBERMAX                 | FM 981LL             | 1147                    | - -                               | - -                               | - -                               |
| Delta and Pine Land      | DP 448 B             | 1146                    | 36 652                            | 14 1124                           | - -                               |
| BCG                      | BCG24R               | 1138                    | - -                               | - -                               | - -                               |
| FIBERMAX                 | FM 991 BR            | 1121                    | - -                               | - -                               | - -                               |
| Delta and Pine Land      | DP 5415 RR           | 1092                    | 22 808                            | 24 1052                           | 14 1132                           |
| FIBERMAX                 | FM 989               | 1089                    | 32 726                            | 8 1164                            | 18 1120                           |
| PhytoGen                 | PHY 510 RR           | 1075                    | - -                               | - -                               | - -                               |
| Stoneville               | ST 5303R             | 1057                    | 17 847                            | - -                               | - -                               |
| Delta and Pine Land      | DP 468 BGII/RR       | 1022                    | - -                               | - -                               | - -                               |

TABLE 6. IRRIGATED COTTON CULTIVAR TRIAL - EARLY MATURITY -  
 COASTAL PLAIN: BLACKVILLE, SC.  
 RCBD ANALYSIS.

(3-YEAR AVERAGES)

| COMPANY OR<br>BRAND NAME | VARIETY<br>OR STRAIN | -----2001-3 DATA-----   |                        |
|--------------------------|----------------------|-------------------------|------------------------|
|                          |                      | LINT<br>YIELD<br>(LB/A) | LINT<br>PERCENT<br>(%) |
| Stoneville               | ST 4793R             | 1380                    | 40.6                   |
| FIBERMAX                 | FM 966               | 1379                    | 39.8                   |
| Delta and Pine Land      | SG 215 BG/RR         | 1363                    | 38.9                   |
| Stoneville               | ST 4892BR            | 1360                    | 40.4                   |
| Delta and Pine Land      | Sure-Grow 521 R      | 1330                    | 39.0                   |
| FIBERMAX                 | FM 958               | 1315                    | 41.2                   |
| Delta and Pine Land      | PM 1199 RR           | 1302                    | 40.1                   |
| Delta and Pine Land      | DP 451 B/RR          | 1293                    | 37.5                   |
| Delta and Pine Land      | Sure-Grow 105        | 1166                    | 38.9                   |
| Delta and Pine Land      | DP 436 RR            | 1162                    | 36.7                   |
| AVERAGES                 |                      | 1305                    | 39.3                   |
| L.S.D. (.10)             |                      | NS                      | -                      |
| C.V. (%)                 |                      | 12.6                    | -                      |

TABLE 7. IRRIGATED COTTON CULTIVAR TRIAL - EARLY MATURITY -  
 COASTAL PLAIN: BLACKVILLE, SC.  
 RCBD ANALYSIS.

(2-YEAR AVERAGES)

| COMPANY OR<br>BRAND NAME | VARIETY<br>OR STRAIN | -----2002-3 DATA-----   |                        |
|--------------------------|----------------------|-------------------------|------------------------|
|                          |                      | LINT<br>YIELD<br>(LB/A) | LINT<br>PERCENT<br>(%) |
| FIBERMAX                 | FM 966               | 1312                    | 38.7                   |
| Stoneville               | ST 4793R             | 1273                    | 39.5                   |
| Stoneville               | ST 4892BR            | 1256                    | 38.9                   |
| Delta and Pine Land      | Sure-Grow 521 R      | 1234                    | 38.0                   |
| Delta and Pine Land      | SG 215 BG/RR         | 1207                    | 37.8                   |
| Delta and Pine Land      | DP 444 BG/RR         | 1198                    | 40.3                   |
| FIBERMAX                 | FM 958               | 1197                    | 40.6                   |
| Delta and Pine Land      | PM 1199 RR           | 1149                    | 38.3                   |
| BCG                      | BCG28R               | 1114                    | 39.4                   |
| Delta and Pine Land      | DP 451 B/RR          | 1085                    | 35.0                   |
| BCG                      | BCG295               | 1056                    | 37.5                   |
| Delta and Pine Land      | Sure-Grow 105        | 997                     | 37.7                   |
| Delta and Pine Land      | DP 436 RR            | 993                     | 34.9                   |
| AVERAGES                 |                      | 1159                    | 38.2                   |
| L.S.D. (.10)             |                      | NS                      | -                      |
| C.V. (%)                 |                      | 15.0                    | -                      |

TABLE 8. IRRIGATED COTTON CULTIVAR TRIAL - EARLY MATURITY -  
 COASTAL PLAIN: BLACKVILLE, SC.  
 RCBD ANALYSIS.

| COMPANY OR<br>BRAND NAME | VARIETY<br>OR STRAIN | -----2003 DATA-----     |                        |
|--------------------------|----------------------|-------------------------|------------------------|
|                          |                      | LINT<br>YIELD<br>(LB/A) | LINT<br>PERCENT<br>(%) |
| FIBERMAX                 | FM 958 LL            | 1635                    | 39.0                   |
| FIBERMAX                 | FM 966 LL            | 1613                    | 38.6                   |
| Stoneville               | ST 4793R             | 1542                    | 38.2                   |
| Delta and Pine Land      | DPLX00W12            | 1515                    | 38.5                   |
| PhytoGen                 | PHY 410 RR           | 1514                    | 37.8                   |
| UGA                      | GA99029              | 1504                    | 36.7                   |
| FIBERMAX                 | FM 960 BR            | 1500                    | 37.8                   |
| Delta and Pine Land      | Sure-Grow 521 R      | 1461                    | 36.9                   |
| Delta and Pine Land      | DP 444 BG/RR         | 1450                    | 40.3                   |
| FIBERMAX                 | FM 958               | 1449                    | 39.5                   |
| UGA                      | GA99090              | 1443                    | 36.3                   |
| Stoneville               | ST 457               | 1435                    | 36.6                   |
| Stoneville               | ST 3990BR            | 1415                    | 35.8                   |
| Delta and Pine Land      | DP 432 RR            | 1412                    | 36.6                   |
| Delta and Pine Land      | Sure-Grow 501 BR     | 1373                    | 37.3                   |
| Stoneville               | ST 4892BR            | 1357                    | 37.8                   |
| Delta and Pine Land      | DPLX02X71R           | 1352                    | 38.1                   |
| Delta and Pine Land      | DPLX01Z34            | 1347                    | 39.6                   |
| Delta and Pine Land      | SG 215 BG/RR         | 1341                    | 37.3                   |
| FIBERMAX                 | FM 966               | 1328                    | 38.4                   |
| Delta and Pine Land      | PM 1199 RR           | 1309                    | 37.4                   |
| Delta and Pine Land      | DPLX01W99R-074       | 1303                    | 39.1                   |
| Delta and Pine Land      | DP 451 B/RR          | 1291                    | 34.3                   |
| Delta and Pine Land      | DP 424 BGII/RR       | 1260                    | 34.5                   |
| BCG                      | BCG28R               | 1247                    | 38.3                   |
| Delta and Pine Land      | DP 449 BG/RR         | 1245                    | 36.5                   |
| Delta and Pine Land      | Sure-Grow 105        | 1186                    | 36.7                   |
| Stoneville               | ST 4646B2R           | 1140                    | 35.1                   |
| BCG                      | BCG295               | 1101                    | 36.4                   |
| Delta and Pine Land      | DP 436 RR            | 1087                    | 34.8                   |
| AVERAGES                 |                      | 1372                    | 37.3                   |
| L.S.D. (.10)             |                      | 205                     | -                      |
| C.V. (%)                 |                      | 12.7                    | -                      |
| STD. ERROR OF ENTRY MEAN |                      | 87.4                    | DF=87                  |
| R-SQUARED                |                      | 0.59                    |                        |

TABLE 9. IRRIGATED COTTON CULTIVAR TRIAL - EARLY MATURITY - COASTAL PLAIN: EDISTO RESEARCH AND EDUCATION CENTER, BLACKVILLE, S.C. MEANS ADJUSTED BY LATTICE PROCEDURE

| COMPANY OR BRAND NAME         | VARIETY OR STRAIN | -----2003 DATA----- |                  |
|-------------------------------|-------------------|---------------------|------------------|
|                               |                   | LINT YIELD (LB/A)   | LINT PERCENT (%) |
| FIBERMAX                      | FM 958 LL         | 1641                | 0.39             |
| FIBERMAX                      | FM 966 LL         | 1558                | 0.39             |
| Delta and Pine Land           | DPLX00W12         | 1544                | 0.39             |
| Delta and Pine Land           | DP 444 BG/RR      | 1506                | 0.40             |
| FIBERMAX                      | FM 960 BR         | 1505                | 0.38             |
| PhytoGen                      | PHY 410 RR        | 1480                | 0.38             |
| Stoneville                    | ST 4793R          | 1466                | 0.38             |
| Delta and Pine Land           | DP 432 RR         | 1458                | 0.36             |
| UGA                           | GA99090           | 1450                | 0.36             |
| FIBERMAX                      | FM 958            | 1440                | 0.40             |
| UGA                           | GA99029           | 1436                | 0.37             |
| Stoneville                    | ST 3990BR         | 1425                | 0.36             |
| Delta and Pine Land           | Sure-Grow 521 R   | 1423                | 0.37             |
| FIBERMAX                      | FM 966            | 1412                | 0.38             |
| Delta and Pine Land           | Sure-Grow 501 BR  | 1394                | 0.37             |
| Delta and Pine Land           | DPLX02X71R        | 1386                | 0.38             |
| Stoneville                    | ST 457            | 1375                | 0.37             |
| Delta and Pine Land           | DPLX01Z34         | 1350                | 0.40             |
| Beltwide Cotton Genetics      | BCG28R            | 1345                | 0.38             |
| Stoneville                    | ST 4892BR         | 1339                | 0.38             |
| Delta and Pine Land           | DPLX01W99R-074    | 1322                | 0.39             |
| Delta and Pine Land           | SG 215 BG/RR      | 1301                | 0.37             |
| Delta and Pine Land           | DP 424 BGII/RR    | 1274                | 0.34             |
| Delta and Pine Land           | DP 451 B/RR       | 1270                | 0.34             |
| Delta and Pine Land           | DP 449 BG/RR      | 1262                | 0.37             |
| Delta and Pine Land           | PM 1199 RR        | 1261                | 0.37             |
| Delta and Pine Land           | Sure-Grow 105     | 1209                | 0.37             |
| Delta and Pine Land           | DP 436 RR         | 1119                | 0.35             |
| Beltwide Cotton Genetics      | BCG295            | 1108                | 0.36             |
| Stoneville                    | ST 4646B2R        | 1088                | 0.35             |
| AVERAGES                      |                   | 1372                | 37.3             |
| L.S.D. (.10)                  |                   | 117                 | -                |
| C.V. (%)                      |                   | 8.4                 | -                |
| STD. ERROR OF ENTRY MEAN      |                   | 63.7                | DF=84            |
| R-SQUARED                     |                   | 0.86                |                  |
| RELAVITE EFFICIENCY TO A RCBD |                   | 187.9%              |                  |

TABLE 10. IRRIGATED COTTON CULTIVAR TRIAL - LATER MATURITY -  
 COASTAL PLAIN: BLACKVILLE, SC.  
 RCBD ANALYSIS.

(3-YEAR AVERAGES)

| COMPANY OR<br>BRAND NAME | VARIETY<br>OR STRAIN | -----2001-3 DATA-----   |                        |
|--------------------------|----------------------|-------------------------|------------------------|
|                          |                      | LINT<br>YIELD<br>(LB/A) | LINT<br>PERCENT<br>(%) |
| Delta and Pine Land      | DP 491               | 1557                    | 42.6                   |
| Delta and Pine Land      | DP 555 BG/RR         | 1557                    | 43.1                   |
| Delta and Pine Land      | DP 458 B/RR          | 1444                    | 39.8                   |
| Stoneville               | ST 5599BR            | 1410                    | 42.8                   |
| Delta and Pine Land      | DP 5415 RR           | 1378                    | 40.0                   |
| Delta and Pine Land      | DeltaPEARL           | 1377                    | 40.6                   |
| Delta and Pine Land      | DP 5690 RR           | 1375                    | 38.9                   |
| FIBERMAX                 | FM 989 RR            | 1329                    | 40.8                   |
| Delta and Pine Land      | DP 448 B             | 1317                    | 38.5                   |
| FIBERMAX                 | FM 991 RR            | 1301                    | 39.1                   |
| FIBERMAX                 | FM 989 BR            | 1292                    | 39.8                   |
| Stoneville               | ST 4892BR            | 1264                    | 41.4                   |
| FIBERMAX                 | FM 989               | 1239                    | 40.7                   |
| AVERAGES                 |                      | 1372                    | 40.6                   |
| L.S.D. (.10)             |                      | 149                     | -                      |
| C.V. (%)                 |                      | 12.4                    | -                      |

TABLE 11. IRRIGATED COTTON CULTIVAR TRIAL - LATER MATURITY -  
 COASTAL PLAIN: BLACKVILLE, SC.  
 RCBD ANALYSIS.

(2-YEAR AVERAGES)

| COMPANY OR<br>BRAND NAME | VARIETY<br>OR STRAIN | -----2002-3 DATA-----   |                        |
|--------------------------|----------------------|-------------------------|------------------------|
|                          |                      | LINT<br>YIELD<br>(LB/A) | LINT<br>PERCENT<br>(%) |
| Delta and Pine Land      | DP 493               | 1608                    | 42.4                   |
| Delta and Pine Land      | DP 555 BG/RR         | 1561                    | 42.1                   |
| Delta and Pine Land      | DP 491               | 1543                    | 40.5                   |
| Delta and Pine Land      | DeltaPEARL           | 1378                    | 39.5                   |
| Delta and Pine Land      | DP 5690 RR           | 1335                    | 37.0                   |
| Delta and Pine Land      | DP 458 B/RR          | 1318                    | 37.9                   |
| FIBERMAX                 | FM 989 RR            | 1307                    | 39.0                   |
| Delta and Pine Land      | DP 5415 RR           | 1306                    | 38.2                   |
| Stoneville               | ST 5599BR            | 1305                    | 39.9                   |
| FIBERMAX                 | FM 991 RR            | 1270                    | 37.2                   |
| Delta and Pine Land      | DP 449 BG/RR         | 1265                    | 38.0                   |
| Delta and Pine Land      | DP 448 B             | 1188                    | 37.2                   |
| Stoneville               | ST 4892BR            | 1186                    | 40.1                   |
| Stoneville               | ST 5303R             | 1171                    | 37.7                   |
| FIBERMAX                 | FM 989               | 1114                    | 39.3                   |
| FIBERMAX                 | FM 989 BR            | 1108                    | 38.2                   |
| AVERAGES                 |                      | 1310                    | 39.0                   |
| L.S.D. (.10)             |                      | 158                     | -                      |
| C.V. (%)                 |                      | 10.8                    | -                      |

TABLE 12. IRRIGATED COTTON CULTIVAR TRIAL - LATER MATURITY -  
 COASTAL PLAIN: BLACKVILLE, SC.  
 RCBD ANALYSIS.

| COMPANY OR<br>BRAND NAME | VARIETY<br>OR STRAIN | -----2003 DATA-----     |                        |
|--------------------------|----------------------|-------------------------|------------------------|
|                          |                      | LINT<br>YIELD<br>(LB/A) | LINT<br>PERCENT<br>(%) |
| Delta and Pine Land      | DP 493               | 1921                    | 41.5                   |
| Delta and Pine Land      | DP 491               | 1731                    | 39.1                   |
| Stoneville               | ST 5242BR            | 1676                    | 40.0                   |
| Delta and Pine Land      | DPLX03X176BR         | 1641                    | 38.0                   |
| UGA                      | GA200061             | 1596                    | 41.4                   |
| Delta and Pine Land      | DeltaPEARL           | 1567                    | 38.4                   |
| FIBERMAX                 | FM 989 RR            | 1566                    | 37.3                   |
| Delta and Pine Land      | DP 5415 RR           | 1547                    | 36.8                   |
| Delta and Pine Land      | DP 555 BG/RR         | 1512                    | 40.7                   |
| Stoneville               | ST 5599BR            | 1484                    | 38.5                   |
| Delta and Pine Land      | DP 5690 RR           | 1481                    | 36.1                   |
| FIBERMAX                 | FM 991 RR            | 1469                    | 36.4                   |
| Delta and Pine Land      | DP 458 B/RR          | 1436                    | 37.0                   |
| Delta and Pine Land      | DP 494 R             | 1433                    | 38.7                   |
| FIBERMAX                 | FM 981LL             | 1427                    | 37.1                   |
| BCG                      | BCG24R               | 1398                    | 36.6                   |
| FIBERMAX                 | FM 989               | 1376                    | 38.0                   |
| UGA                      | GA200024             | 1367                    | 40.3                   |
| FIBERMAX                 | FM 991 BR            | 1366                    | 36.5                   |
| FIBERMAX                 | FM 989 BR            | 1358                    | 38.4                   |
| Delta and Pine Land      | DPLX02X25R           | 1347                    | 38.3                   |
| Stoneville               | ST 4892BR            | 1341                    | 39.8                   |
| Stoneville               | ST 5303R             | 1337                    | 37.5                   |
| Delta and Pine Land      | DP 449 BG/RR         | 1336                    | 37.9                   |
| UGA                      | GA200013             | 1300                    | 37.8                   |
| PhytoGen                 | PHY 510 RR           | 1286                    | 34.8                   |
| Delta and Pine Land      | DP 448 B             | 1253                    | 35.9                   |
| PhytoGen                 | PHY X8936 RR         | 1209                    | 36.6                   |
| Delta and Pine Land      | DP 468 BGII/RR       | 1099                    | 31.8                   |
| AVERAGES                 |                      | 1443                    | 37.8                   |
| L.S.D. (.10)             |                      | NS                      | -                      |
| C.V. (%)                 |                      | 13.3                    | -                      |
| STD. ERROR OF ENTRY MEAN |                      | 135.5                   | DF=28                  |
| R-SQUARED                |                      | 0.61                    |                        |

TABLE 13. COTTON CULTIVAR TRIAL - EARLY MATURITY - TWO ENVIRONMENT  
 AVERAGES: BLACKVILLE DRY LAND AND BLACKVILLE IRRIGATED.  
 (3-YEAR AVERAGES)

| COMPANY OR<br>BRAND NAME | VARIETY<br>OR STRAIN | -----2001-3 DATA-----   |                        |
|--------------------------|----------------------|-------------------------|------------------------|
|                          |                      | LINT<br>YIELD<br>(LB/A) | LINT<br>PERCENT<br>(%) |
| FIBERMAX                 | FM 958               | 1305                    | 41.5                   |
| FIBERMAX                 | FM 966               | 1279                    | 39.2                   |
| Stoneville               | ST 4793R             | 1256                    | 40.4                   |
| Delta and Pine Land      | SG 215 BG/RR         | 1249                    | 38.9                   |
| Stoneville               | ST 4892BR            | 1209                    | 39.3                   |
| Delta and Pine Land      | PM 1199 RR           | 1165                    | 39.7                   |
| Delta and Pine Land      | Sure-Grow 521 R      | 1160                    | 38.9                   |
| Delta and Pine Land      | DP 451 B/RR          | 1157                    | 36.7                   |
| Delta and Pine Land      | DP 436 RR            | 1094                    | 36.2                   |
| Delta and Pine Land      | Sure-Grow 105        | 1094                    | 38.4                   |
| AVERAGES                 |                      | 1197                    | 38.9                   |
| L.S.D. (.10)             |                      | 117                     | -                      |
| C.V. (%)                 |                      | 14.2                    | -                      |

TABLE 14. COTTON CULTIVAR TRIAL - EARLY MATURITY - TWO ENVIRONMENT  
 AVERAGES: BLACKVILLE DRY LAND AND BLACKVILLE IRRIGATED.  
 (2-YEAR AVERAGES)

| COMPANY OR<br>BRAND NAME | VARIETY<br>OR STRAIN | -----2002-3 DATA-----   |                        |
|--------------------------|----------------------|-------------------------|------------------------|
|                          |                      | LINT<br>YIELD<br>(LB/A) | LINT<br>PERCENT<br>(%) |
| FIBERMAX                 | FM 966               | 1228                    | 37.9                   |
| Stoneville               | ST 4793R             | 1217                    | 39.4                   |
| FIBERMAX                 | FM 958               | 1210                    | 40.8                   |
| Stoneville               | ST 4892BR            | 1186                    | 37.9                   |
| Delta and Pine Land      | DP 444 BG/RR         | 1163                    | 40.3                   |
| BCG                      | BCG28R               | 1141                    | 39.5                   |
| Delta and Pine Land      | SG 215 BG/RR         | 1136                    | 37.4                   |
| BCG                      | BCG295               | 1132                    | 37.4                   |
| Delta and Pine Land      | Sure-Grow 521 R      | 1098                    | 38.4                   |
| Delta and Pine Land      | PM 1199 RR           | 1098                    | 38.5                   |
| Delta and Pine Land      | DP 451 B/RR          | 1050                    | 35.3                   |
| Delta and Pine Land      | DP 436 RR            | 1021                    | 35.2                   |
| Delta and Pine Land      | Sure-Grow 105        | 992                     | 37.3                   |
| -----                    |                      |                         |                        |
| AVERAGES                 |                      | 1128                    | 38.1                   |
| -----                    |                      |                         |                        |
| L.S.D. (.10)             |                      | 164                     | -                      |
| C.V. (%)                 |                      | 16.9                    | -                      |
| -----                    |                      |                         |                        |

TABLE 15. COTTON CULTIVAR TRIAL - EARLY MATURITY - TWO ENVIRONMENT  
 AVERAGES: BLACKVILLE DRY LAND AND BLACKVILLE IRRIGATED.

| COMPANY OR<br>BRAND NAME | VARIETY<br>OR STRAIN | -----2003 DATA-----     |                        |
|--------------------------|----------------------|-------------------------|------------------------|
|                          |                      | LINT<br>YIELD<br>(LB/A) | LINT<br>PERCENT<br>(%) |
| PhytoGen                 | PHY 410 RR           | 1605                    | 38.2                   |
| FIBERMAX                 | FM 958 LL            | 1602                    | 39.7                   |
| FIBERMAX                 | FM 958               | 1594                    | 40.3                   |
| Stoneville               | ST 4793R             | 1578                    | 38.8                   |
| FIBERMAX                 | FM 960 BR            | 1555                    | 38.5                   |
| Delta and Pine Land      | DP 432 RR            | 1526                    | 36.9                   |
| Delta and Pine Land      | DPLX00W12            | 1510                    | 38.7                   |
| Stoneville               | ST 457               | 1498                    | 37.7                   |
| FIBERMAX                 | FM 966               | 1494                    | 38.6                   |
| Delta and Pine Land      | Sure-Grow 501 BR     | 1473                    | 37.6                   |
| Delta and Pine Land      | DPLX01Z34            | 1470                    | 39.8                   |
| UGA                      | GA99029              | 1467                    | 37.9                   |
| FIBERMAX                 | FM 966 LL            | 1464                    | 39.4                   |
| UGA                      | GA99090              | 1451                    | 37.7                   |
| Delta and Pine Land      | DPLX02X71R           | 1435                    | 37.7                   |
| BCG                      | BCG28R               | 1411                    | 38.8                   |
| Delta and Pine Land      | DPLX01W99R-074       | 1409                    | 39.3                   |
| Stoneville               | ST 4892BR            | 1406                    | 36.9                   |
| Delta and Pine Land      | DP 444 BG/RR         | 1400                    | 40.6                   |
| Delta and Pine Land      | PM 1199 RR           | 1390                    | 38.3                   |
| Stoneville               | ST 3990BR            | 1384                    | 36.5                   |
| Delta and Pine Land      | Sure-Grow 521 R      | 1347                    | 37.7                   |
| Delta and Pine Land      | SG 215 BG/RR         | 1336                    | 36.7                   |
| Delta and Pine Land      | DP 451 B/RR          | 1310                    | 35.2                   |
| Delta and Pine Land      | DP 424 BGII/RR       | 1300                    | 34.8                   |
| BCG                      | BCG295               | 1296                    | 36.4                   |
| Delta and Pine Land      | DP 449 BG/RR         | 1260                    | 36.9                   |
| Stoneville               | ST 4646B2R           | 1248                    | 35.9                   |
| Delta and Pine Land      | Sure-Grow 105        | 1239                    | 36.5                   |
| Delta and Pine Land      | DP 436 RR            | 1213                    | 34.3                   |
| AVERAGES                 |                      | 1422                    | 37.7                   |
| L.S.D. (.10)             |                      | 195                     | -                      |
| C.V. (%)                 |                      | 15.0                    | -                      |

TABLE 16. COTTON CULTIVAR TRIAL - LATER MATURITY - TWO ENVIRONMENT  
 AVERAGES: BLACKVILLE DRY LAND AND BLACKVILLE IRRIGATED.  
 (3-YEAR AVERAGES)

| COMPANY OR<br>BRAND NAME | VARIETY<br>OR STRAIN | -----2001-3 DATA-----   |                        |
|--------------------------|----------------------|-------------------------|------------------------|
|                          |                      | LINT<br>YIELD<br>(LB/A) | LINT<br>PERCENT<br>(%) |
| Delta and Pine Land      | DP 555 BG/RR         | 1458                    | 42.8                   |
| Delta and Pine Land      | DP 491               | 1393                    | 42.3                   |
| Delta and Pine Land      | DeltaPEARL           | 1297                    | 40.6                   |
| Delta and Pine Land      | DP 458 B/RR          | 1233                    | 38.9                   |
| Stoneville               | ST 5599BR            | 1227                    | 41.8                   |
| Delta and Pine Land      | DP 5690 RR           | 1203                    | 38.2                   |
| FIBERMAX                 | FM 989 RR            | 1183                    | 40.4                   |
| Stoneville               | ST 4892BR            | 1178                    | 40.4                   |
| FIBERMAX                 | FM 991 RR            | 1169                    | 38.5                   |
| Delta and Pine Land      | DP 5415 RR           | 1163                    | 39.0                   |
| FIBERMAX                 | FM 989 BR            | 1152                    | 39.4                   |
| Delta and Pine Land      | DP 448 B             | 1130                    | 37.8                   |
| FIBERMAX                 | FM 989               | 1105                    | 39.8                   |
| AVERAGES                 |                      | 1222                    | 40.0                   |
| L.S.D. (.10)             |                      | NS                      | -                      |
| C.V. (%)                 |                      | 14.2                    | -                      |

TABLE 17. COTTON CULTIVAR TRIAL - LATER MATURITY - TWO ENVIRONMENT  
 AVERAGES: BLACKVILLE DRY LAND AND BLACKVILLE IRRIGATED.  
 (2-YEAR AVERAGES)

| COMPANY OR<br>BRAND NAME | VARIETY<br>OR STRAIN | -----2002-3 DATA-----   |                        |
|--------------------------|----------------------|-------------------------|------------------------|
|                          |                      | LINT<br>YIELD<br>(LB/A) | LINT<br>PERCENT<br>(%) |
| Delta and Pine Land      | DP 493               | 1465                    | 42.4                   |
| Delta and Pine Land      | DP 555 BG/RR         | 1454                    | 41.7                   |
| Delta and Pine Land      | DP 491               | 1367                    | 40.5                   |
| Delta and Pine Land      | DeltaPEARL           | 1275                    | 40.0                   |
| Delta and Pine Land      | DP 449 BG/RR         | 1203                    | 37.4                   |
| Stoneville               | ST 5599BR            | 1176                    | 40.2                   |
| Delta and Pine Land      | DP 5690 RR           | 1158                    | 36.9                   |
| Stoneville               | ST 4892BR            | 1151                    | 39.3                   |
| Delta and Pine Land      | DP 458 B/RR          | 1149                    | 37.8                   |
| FIBERMAX                 | FM 989 RR            | 1145                    | 39.1                   |
| FIBERMAX                 | FM 991 RR            | 1135                    | 37.5                   |
| Delta and Pine Land      | DP 5415 RR           | 1103                    | 37.9                   |
| Stoneville               | ST 5303R             | 1046                    | 38.1                   |
| Delta and Pine Land      | DP 448 B             | 1023                    | 36.7                   |
| FIBERMAX                 | FM 989 BR            | 1016                    | 37.8                   |
| FIBERMAX                 | FM 989               | 996                     | 38.7                   |
| AVERAGES                 |                      | 1179                    | 38.9                   |
| L.S.D. (.10)             |                      | NS                      | -                      |
| C.V. (%)                 |                      | 15.6                    | -                      |

TABLE 18. COTTON CULTIVAR TRIAL - LATER MATURITY - TWO ENVIRONMENT  
 AVERAGES: BLACKVILLE DRY LAND AND BLACKVILLE IRRIGATED.

| COMPANY OR<br>BRAND NAME                               | VARIETY<br>OR STRAIN                  | -----2003 DATA-----     |                        |
|--|---------------------------------------|-------------------------|------------------------|
|  |                                       | LINT<br>YIELD<br>(LB/A) | LINT<br>PERCENT<br>(%) |
| Delta and Pine Land<br>Stoneville                      | DP 493<br>ST 5242BR                   | 1819<br>1662            | 41.7<br>40.2           |
| Delta and Pine Land                                    | DP 555 BG/RR                          | 1629                    | 41.1                   |
| Delta and Pine Land<br>UGA                             | DP 491<br>GA200061                    | 1626<br>1546            | 39.3<br>41.4           |
| Delta and Pine Land                                    | DPLX03X176BR                          | 1532                    | 39.3                   |
| Delta and Pine Land<br>Stoneville                      | DeltaPEARL<br>ST 5599BR               | 1482<br>1437            | 39.5<br>38.9           |
| Delta and Pine Land                                    | DP 494 R                              | 1427                    | 39.1                   |
| Delta and Pine Land                                    | DP 449 BG/RR                          | 1415                    | 36.4                   |
| Delta and Pine Land<br>FIBERMAX                        | DPLX02X25R<br>FM 989 RR               | 1391<br>1390            | 38.4<br>38.8           |
| Stoneville<br>UGA                                      | ST 4892BR<br>GA200024                 | 1371<br>1347            | 38.6<br>39.4           |
| Delta and Pine Land                                    | DP 5690 RR                            | 1308                    | 36.2                   |
| FIBERMAX<br>UGA<br>FIBERMAX                            | FM 991 RR<br>GA200013<br>FM 989 BR    | 1292<br>1289<br>1262    | 36.9<br>38.4<br>38.3   |
| Delta and Pine Land<br>Delta and Pine Land<br>FIBERMAX | DP 458 B/RR<br>DP 5415 RR<br>FM 981LL | 1253<br>1244<br>1240    | 37.3<br>36.8<br>37.5   |
| PhytoGen<br>BCG<br>FIBERMAX                            | PHY X8936 RR<br>BCG24R<br>FM 991 BR   | 1229<br>1225<br>1203    | 37.0<br>38.1<br>37.3   |
| FIBERMAX<br>Delta and Pine Land<br>Stoneville          | FM 989<br>DP 448 B<br>ST 5303R        | 1184<br>1182<br>1150    | 37.8<br>36.1<br>37.8   |
| PhytoGen<br>Delta and Pine Land                        | PHY 510 RR<br>DP 468 BGII/RR          | 1146<br>1048            | 35.9<br>32.3           |
| AVERAGES   |                                       | 1356                    | 38.1                   |
| L.S.D. (.10)   |                                       | 166                     | -                      |
| C.V. (%)   |                                       | 18.8                    | -                      |