

# Cotton varieties by origin



**ICA Bremen**

The Global Centre for Cotton Testing and Research

**2017 / 2018**

# Introduction

Welcome to the 2017 / 2018 Cotton Varieties by Origin booklet, providing useful characteristics of cotton varieties listed by their origin.

## What is ICA Bremen?

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- Round trials
- Cotton grade standards
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| Seasons 1 Aug - 31 Jul   | Harvested Area<br>Thousand Hectares |                 |                  | Yield<br>Kilograms per Hectare |                 |                  | Production<br>Thousand Metric Tons |                 |                  |
|--------------------------|-------------------------------------|-----------------|------------------|--------------------------------|-----------------|------------------|------------------------------------|-----------------|------------------|
|                          | 2015/16                             | 2016/17<br>Est. | 2017/18<br>Proj. | 2015/16                        | 2016/17<br>Est. | 2017/18<br>Proj. | 2015/16                            | 2016/17<br>Est. | 2017/18<br>Proj. |
| Mexico                   | 130                                 | 104             | 146              | 1,523                          | 1,590           | 1,559            | 198                                | 166             | 228              |
| USA                      | 3,268                               | 3,848           | 4,616            | 859                            | 972             | 1,011            | 2,806                              | 3,738           | 4,668            |
| <b>North America</b>     | <b>3,407</b>                        | <b>3,961</b>    | <b>4,771</b>     | <b>882</b>                     | <b>986</b>      | <b>1,027</b>     | <b>3,006</b>                       | <b>3,907</b>    | <b>4,898</b>     |
| Argentina                | 372                                 | 247             | 304              | 575                            | 727             | 658              | 214                                | 180             | 200              |
| Brazil                   | 955                                 | 939             | 995              | 1,350                          | 1,629           | 1,578            | 1,289                              | 1,530           | 1,570            |
| Colombia                 | 17                                  | 9               | 12               | 739                            | 930             | 851              | 13                                 | 8               | 10               |
| Peru                     | 27                                  | 27              | 26               | 752                            | 814             | 814              | 20                                 | 22              | 22               |
| <b>South America</b>     | <b>1,403</b>                        | <b>1,252</b>    | <b>1,368</b>     | <b>1,105</b>                   | <b>1,400</b>    | <b>1,327</b>     | <b>1,551</b>                       | <b>1,752</b>    | <b>1,815</b>     |
| Egypt                    | 105                                 | 55              | 91               | 525                            | 694             | 719              | 55                                 | 38              | 65               |
| Sudan                    | 50                                  | 70              | 72               | 600                            | 561             | 561              | 30                                 | 39              | 40               |
| <b>North Africa</b>      | <b>155</b>                          | <b>125</b>      | <b>163</b>       | <b>549</b>                     | <b>620</b>      | <b>649</b>       | <b>85</b>                          | <b>78</b>       | <b>106</b>       |
| Benin                    | 307                                 | 418             | 450              | 338                            | 416             | 436              | 104                                | 174             | 196              |
| Burkina Faso             | 663                                 | 740             | 759              | 368                            | 385             | 373              | 244                                | 285             | 283              |
| Cameroon                 | 222                                 | 224             | 235              | 482                            | 488             | 502              | 107                                | 109             | 118              |
| Chad                     | 289                                 | 298             | 150              | 203                            | 239             | 133              | 59                                 | 71              | 20               |
| Ivory Coast              | 402                                 | 343             | 326              | 333                            | 408             | 427              | 134                                | 140             | 139              |
| Mali                     | 573                                 | 656             | 730              | 377                            | 404             | 416              | 216                                | 265             | 304              |
| Togo                     | 117                                 | 133             | 144              | 267                            | 293             | 303              | 31                                 | 39              | 44               |
| <b>West Africa</b>       | <b>2,653</b>                        | <b>3</b>        | <b>2,863</b>     | <b>344</b>                     | <b>383</b>      | <b>392</b>       | <b>914</b>                         | <b>1,103</b>    | <b>1,123</b>     |
| Ethiopia                 | 66                                  | 105             | 109              | 642                            | 423             | 463              | 42                                 | 45              | 50               |
| Malawi                   | 90                                  | 90              | 90               | 173                            | 232             | 236              | 16                                 | 21              | 21               |
| Mozambique               | 101                                 | 116             | 124              | 150                            | 263             | 185              | 15                                 | 31              | 23               |
| Nigeria                  | 253                                 | 253             | 261              | 205                            | 202             | 204              | 52                                 | 51              | 53               |
| South Africa             | 8                                   | 18              | 19               | 1,208                          | 850             | 998              | 10                                 | 15              | 19               |
| Tanzania                 | 315                                 | 331             | 347              | 174                            | 175             | 197              | 55                                 | 58              | 68               |
| Uganda                   | 65                                  | 72              | 77               | 314                            | 388             | 351              | 20                                 | 28              | 27               |
| Zambia                   | 114                                 | 120             | 126              | 394                            | 332             | 356              | 45                                 | 40              | 45               |
| Zimbabwe                 | 101                                 | 155             | 202              | 114                            | 271             | 266              | 12                                 | 42              | 54               |
| <b>South Africa</b>      | <b>1,181</b>                        | <b>1</b>        | <b>1,421</b>     | <b>239</b>                     | <b>260</b>      | <b>264</b>       | <b>282</b>                         | <b>346</b>      | <b>376</b>       |
| Kazakhstan               | 99                                  | 111             | 116              | 453                            | 634             | 634              | 45                                 | 70              | 73               |
| Kyrgyzstan               | 14                                  | 14              | 14               | 810                            | 810             | 810              | 12                                 | 12              | 11               |
| Tajikistan               | 170                                 | 162             | 175              | 507                            | 525             | 532              | 86                                 | 85              | 93               |
| Turkmenistan             | 545                                 | 545             | 545              | 541                            | 542             | 559              | 295                                | 296             | 304              |
| Uzbekistan               | 1,298                               | 1,250           | 1,208            | 641                            | 631             | 662              | 832                                | 789             | 800              |
| <b>Central Asia</b>      | <b>2,126</b>                        | <b>2,082</b>    | <b>2,057</b>     | <b>597</b>                     | <b>601</b>      | <b>623</b>       | <b>1,270</b>                       | <b>1,252</b>    | <b>1,282</b>     |
| Azerbaijan               | 19                                  | 51              | 139              | 695                            | 626             | 519              | 13                                 | 32              | 72               |
| Greece                   | 240                                 | 211             | 243              | 908                            | 1,009           | 1,028            | 218                                | 213             | 250              |
| Spain                    | 63                                  | 61              | 62               | 910                            | 903             | 939              | 58                                 | 55              | 58               |
| <b>Europe</b>            | <b>327</b>                          | <b>327</b>      | <b>447</b>       | <b>888</b>                     | <b>922</b>      | <b>853</b>       | <b>290</b>                         | <b>301</b>      | <b>381</b>       |
| China                    | 3,413                               | 2,923           | 3,098            | 1,524                          | 1,676           | 1,693            | 5,200                              | 4,900           | 5,246            |
| Australia                | 270                                 | 557             | 574              | 2,330                          | 1,670           | 1,686            | 629                                | 931             | 968              |
| <b>East Asia/Oceania</b> | <b>3,714</b>                        | <b>3,511</b>    | <b>3,700</b>     | <b>1,573</b>                   | <b>1,665</b>    | <b>1,683</b>     | <b>5,843</b>                       | <b>5,845</b>    | <b>6,227</b>     |
| Afghanistan              | 35                                  | 40              | 38               | 400                            | 387             | 387              | 14                                 | 16              | 15               |
| Bangladesh               | 43                                  | 43              | 45               | 652                            | 665             | 764              | 28                                 | 28              | 34               |
| India                    | 11,877                              | 10,500          | 11,550           | 484                            | 546             | 540              | 5,746                              | 5,733           | 6,234            |
| Myanmar                  | 239                                 | 244             | 249              | 653                            | 634             | 634              | 156                                | 155             | 158              |
| Pakistan                 | 3                                   | 2,496           | 3,099            | 530                            | 666             | 598              | 1,537                              | 1,663           | 1,854            |
| <b>South Asia</b>        | <b>15,099</b>                       | <b>13,326</b>   | <b>14,984</b>    | <b>496</b>                     | <b>570</b>      | <b>554</b>       | <b>7,484</b>                       | <b>7,597</b>    | <b>8,297</b>     |
| Iran                     | 71                                  | 75              | 79               | 699                            | 702             | 709              | 49                                 | 53              | 56               |
| Israel                   | 9                                   | 8               | 7                | 1,891                          | 1,761           | 1,892            | 17                                 | 14              | 13               |
| Syria                    | 44                                  | 35              | 25               | 879                            | 983             | 954              | 39                                 | 35              | 23               |
| Turkey                   | 434                                 | 420             | 475              | 1,475                          | 1,674           | 1,747            | 640                                | 703             | 829              |
| <b>West Asia</b>         | <b>590</b>                          | <b>554</b>      | <b>598</b>       | <b>1,283</b>                   | <b>1,462</b>    | <b>1,550</b>     | <b>757</b>                         | <b>810</b>      | <b>926</b>       |
| <b>WORLD TOTAL</b>       | <b>30,657</b>                       | <b>29,349</b>   | <b>32,375</b>    | <b>701</b>                     | <b>783</b>      | <b>786</b>       | <b>21,483</b>                      | <b>22,991</b>   | <b>25,432</b>    |

Subtotals and total include countries not shown.

Source: ICAC, Washington - January, 2, 2018



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| Country<br>Varieties grown                | Area<br>% | Har-<br>vesting   | Planting<br>period | Harvesting<br>period | Staple<br>length | Uni-<br>formity | Micro-<br>naire | Bundle<br>strength |
|-------------------------------------------|-----------|-------------------|--------------------|----------------------|------------------|-----------------|-----------------|--------------------|
| <b>Angola</b>                             |           | Machine           | Feb.-Mar.          | July-Aug.            | inch             | %               |                 | g/tex              |
| Fokion                                    | 50        |                   |                    |                      | 1.3/32-1.1/8     |                 | 3.6-4.9         | 30                 |
| Azahar                                    | 40        |                   |                    |                      |                  |                 | 4.3-4.8         | 32                 |
| Others                                    | 10        |                   |                    |                      |                  |                 |                 |                    |
| <b>Argentina</b>                          |           | Machine           | Oct.-Dec.          | Mar.-July            | mm<br>27/28      | %<br>84         | 4.0             | g/tex<br>30        |
| Nu Opal                                   |           |                   |                    |                      |                  |                 |                 |                    |
| DP 1238                                   |           |                   |                    |                      |                  |                 |                 |                    |
| DP 402                                    |           |                   |                    |                      |                  |                 |                 |                    |
| Guazuncho 2000 RR                         |           |                   |                    |                      |                  |                 |                 |                    |
| <b>Australia</b>                          |           | Machine           | Sep.-Nov.          | Mar.-May             | mm               | %               |                 | g/tex              |
| Sicot 746B3F                              | 49.4      |                   |                    |                      | 30.7             | 82.9            | 4.5             | 31.0               |
| Sicot 748B3F                              | 29.8      |                   |                    |                      | 31.2             | 83.1            | 4.5             | 31.5               |
| Sicot 714B3F                              | 12.9      |                   |                    |                      | 30.5             | 83.3            | 4.4             | 31.0               |
| <b>Azerbaijan</b>                         |           | Machine<br>/ Hand | Apr.-Aug.          |                      | inch             | %               |                 | g/tex              |
| Agh Gizil, Flash,                         |           |                   |                    |                      |                  |                 |                 |                    |
| Karizma                                   | 62.5      |                   |                    | Sep.-Nov.            | 1.1/8-1.5/32     |                 | 4.4-5.0         | 31.3-34.0          |
| Aghdash-3                                 | 10.0      |                   |                    | Aug.-Oct.            | 1.3/32           |                 | 4.9-5.2         | 27.5               |
| Aznixi-195                                | 17.5      |                   |                    | Aug.-Oct.            | 1.3/32           |                 | 5.0-5.3         | 29.4               |
| 30-38                                     | 10.0      |                   |                    | Aug.-Oct.            | 1.3/32           |                 | 5.0-5.2         | 25.5-26.0          |
| <b>Bangladesh</b>                         |           |                   |                    |                      | mm               | %               |                 | g/tex              |
| <u>Medium staple</u><br><u>(Hirsutum)</u> |           | Hand              | July-Aug.          |                      |                  |                 |                 |                    |
| CB-9                                      | 0.5       |                   |                    | Jan. -Feb.           | 28.0             |                 | 4.6             | 30.1               |
| CB-12                                     | 28.0      |                   |                    | Dec.-Feb.            | 29.0             |                 | 4.0             | 30.5               |
| CB-13                                     | 1.0       |                   |                    | Dec.-Feb.            | 29.5             |                 | 3.8             | 29.0               |
| CB-14                                     | 3.0       |                   |                    | Dec.-Feb.            | 30.5             |                 | 3.9             | 30.4               |
| CB-15                                     | 68.0      |                   |                    | Dec.-Feb.            | 30.7             |                 | 4.2             | 29.5               |
| Rupali-1 (Hybrid)                         |           |                   |                    | Nov.-Feb.            |                  |                 |                 |                    |
| CB Hybrid-1                               |           |                   |                    |                      |                  |                 |                 |                    |
| <u>Short staple</u><br><u>(Arboreum)</u>  |           | Hand              | Apr.-May           | Oct.-Dec.            |                  |                 |                 | Pressley           |
| Hill cotton-1                             | 90.0      |                   |                    |                      | 16.0             |                 | 6.5             | 77                 |
| Hill cotton-2                             | 10.0      |                   |                    |                      | 18.0             |                 | 6.3             | 77                 |
| <b>Barbados</b>                           |           | Hand              | Aug.-Sep.          | Jan.-May             | mm               | %               |                 | g/tex              |
| West Indian Sea                           | 100       |                   |                    |                      | 39               | 88.5            | 3.28            | 36.8               |
| Island Cotton<br>(Montserrat variety)     |           |                   |                    |                      |                  |                 |                 |                    |

| Country<br>Varieties grown | Area<br>% | Har-<br>vesting               | Planting<br>period                                                                                                                | Harvesting<br>period                                                                                                              | Staple<br>length | Uni-<br>formity | Micro-<br>naire | Bundle<br>strength |
|----------------------------|-----------|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|------------------|-----------------|-----------------|--------------------|
| <b>Benin</b>               |           | Hand                          | June-July                                                                                                                         | Oct.-Jan.                                                                                                                         | inch             | %               |                 | g/tex              |
| H 279-1                    | 100       |                               |                                                                                                                                   |                                                                                                                                   | 1.3/32-1.5/32    | 80-84           | 3.5-4.4         | 28-31              |
| <b>Bolivia</b>             |           | Machine                       | Jan.-Feb.                                                                                                                         | Sep.                                                                                                                              | mm               | %               |                 | g/tex              |
| DELTAOPAL                  | 100       |                               |                                                                                                                                   |                                                                                                                                   | 28               | 81              | 3.5-4.0         | 28                 |
| <b>Brazil</b>              |           | Machine                       | Cerrado<br>Rainfed;<br>Bahia, Goiás,<br>Mato Grosso,<br>Minas Gerais,<br>Mato Grosso<br>do Sul, Paraná,<br>Sao Paulo<br>Nov.-Jan. | Cerrado<br>Rainfed;<br>Bahia, Goiás,<br>Mato Grosso,<br>Minas Gerais,<br>Mato Grosso<br>do Sul, Paraná,<br>Sao Paulo<br>June-Aug. | inch             | %               |                 | g/tex              |
| FM 975 WS                  | 32        |                               |                                                                                                                                   |                                                                                                                                   | 1.1/8            |                 | 3.9             | 32.1               |
| TMG 81 WS                  | 14        |                               |                                                                                                                                   |                                                                                                                                   | 1.5/32           |                 | 4.3             | 30.8               |
| FM 944 GL                  | 13        |                               |                                                                                                                                   |                                                                                                                                   | 1.5/32           |                 | 4.6             | 31.0               |
| TMG 47 B2RF                | 9         |                               |                                                                                                                                   |                                                                                                                                   | 1.1/4            |                 | 3.9             | 29.0               |
| FM 954 GLT                 | 6         |                               |                                                                                                                                   |                                                                                                                                   | 1.7/32           |                 | 4.2             | 30.7               |
| TMG 42 WS                  | 6         |                               | /                                                                                                                                 | /                                                                                                                                 | 1.5/32           |                 | 4.0             | 29.3               |
| FM 940 GLT                 | 4         |                               |                                                                                                                                   |                                                                                                                                   | 1.5/32           |                 | 4.4             | 30.1               |
| DP 1536 B2RF               | 4         |                               | Nordeste                                                                                                                          | Nordeste                                                                                                                          | 1.5/32           |                 | 4.7             | 31.7               |
| FM 983 GLT                 | 3         |                               | Mostly<br>irrigated                                                                                                               | Mostly<br>irrigated                                                                                                               | 1.5/32           |                 | 4.4             | 29.9               |
| DP 1243 B2RF               | 2         |                               | Mar.-May                                                                                                                          | June-Oct.                                                                                                                         | 1.5/32           |                 | 4.0             | 30.0               |
| Others                     | 7         |                               |                                                                                                                                   |                                                                                                                                   |                  |                 |                 |                    |
| FM 980 GLT                 |           |                               |                                                                                                                                   |                                                                                                                                   | 1.3/16           |                 | 4.3             | 32.1               |
| FM 913 GLT                 |           |                               |                                                                                                                                   |                                                                                                                                   | 1.3/16           |                 | 4.2             | 31.3               |
| FM 982 GL                  |           |                               |                                                                                                                                   |                                                                                                                                   | 1.5/32           |                 | 4.8             | 31.1               |
| FM 951 LL                  |           |                               |                                                                                                                                   |                                                                                                                                   | 1.1/8            |                 | 4.2             | 30.2               |
| <b>Bulgaria</b>            |           | 80%<br>Machine<br>20%<br>Hand | Apr.-May                                                                                                                          | Sep.-Oct.                                                                                                                         | mm               | %               |                 | g/tex              |
| IPTP VENO                  | 60        |                               |                                                                                                                                   |                                                                                                                                   | 29.0-31.0        | 82              | 4.2             | 29.1               |
| Chirpan-5394               | 20        |                               |                                                                                                                                   |                                                                                                                                   | 29.0-31.0        | 82              | 4.2             | 29.1               |
| Helius                     | 10        |                               |                                                                                                                                   |                                                                                                                                   | 29.0-31.0        | 82              | 4.0             | 28.9               |
| Darmi                      | 10        |                               |                                                                                                                                   |                                                                                                                                   | 30.0-32.0        | 82              | 4.1             | 28.9               |
| <b>Burkina Faso</b>        |           | Hand                          | May-July                                                                                                                          | Sep.-Feb.                                                                                                                         | inch             | %               |                 | g/tex<br>HVI 1000  |
| FK37                       | 92        |                               |                                                                                                                                   |                                                                                                                                   | 1.5/32           | 81.8            | 4.0             | 30.6               |
| FK64                       | 8         |                               |                                                                                                                                   |                                                                                                                                   | 1.3/16           | 82.5            | 4.1             | 30.7               |
| STAM 59A                   |           |                               |                                                                                                                                   |                                                                                                                                   |                  |                 |                 |                    |





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| Country<br>Varieties grown                                           | Area<br>% | Har-<br>vesting   | Planting<br>period | Harvesting<br>period | Staple<br>length | Uni-<br>formity | Micro-<br>naire | Bundle<br>strength |
|----------------------------------------------------------------------|-----------|-------------------|--------------------|----------------------|------------------|-----------------|-----------------|--------------------|
| <b>Cameroon</b>                                                      |           | Hand              | May-July           |                      | mm               | %               |                 | g/tex              |
| IRMA L4S7                                                            | 67        |                   |                    | Nov.-Feb.            | 28.6             | 80-84           | 3.8             | 29.4               |
| IRMA L484                                                            | 33        |                   |                    | Nov.-Jan.            | 30.0             | 80-84           | 4.2             | 30.3               |
| <b>Chad</b>                                                          |           | Hand              | May-July           | Oct.-Nov.            | inch             | %               |                 | g/tex              |
| A 51                                                                 | 49        |                   |                    |                      | 1.3/16-1.7/32    | 81-84           | 3.7-4.9         | 28.0-32.5          |
| STAM F                                                               | 51        |                   |                    |                      | 1.1/8-1.3/16     | 81-84           | 3.7-4.9         | 28.0-32.0          |
| <b>China</b>                                                         |           |                   |                    |                      | mm               | %               |                 | g/tex              |
| <u>Upland</u><br>Xinjiang,<br>Yangtze River,<br>Yellow River regions | 96        | Hand /<br>Machine | Mar.-Apr.          | Sep.-Oct.            | 27.80-29.07      | 80.0-85.9       | 3.6-4.9         | 26.0-30.9          |
| <u>Longstaple</u><br>Xingjiang                                       | 4         | Hand              | Apr.-May           | Sep.-Oct.            | 38.00-40.90      | 85.0-87.9       | 3.6-4.2         | 39.0-43.9          |
| <b>Colombia</b>                                                      |           |                   |                    |                      | mm               | %               |                 | g/tex              |
| <u>Interior Region</u>                                               |           | 95 %              | Feb.-Apr.          | Aug.-Oct.            |                  |                 |                 |                    |
| ST 5288 B2F                                                          | 27.1      | Machine/          |                    |                      | 28.6             |                 | 4.5             | 27.1               |
| FM 1740                                                              | 1.8       | 5 % Hand          |                    |                      | 28.5             |                 | 4.5             | 28.3               |
| <u>Coast Region</u>                                                  |           | 85 %              | July-Oct.          | Jan.-Apr.            |                  |                 |                 |                    |
| DP 1048 Bollgard                                                     |           | Machine/          |                    |                      |                  |                 |                 |                    |
| 2 RR Flex                                                            | 14.5      | 15 %              |                    |                      | 28.6             |                 | 4.4             | 29.0               |
| DP 90 NACIONAL                                                       | 4.6       | Hand              |                    |                      | 29.0             |                 | 4.4             | 30.6               |
| FM 1740 B2F                                                          | 11.7      |                   |                    |                      | 28.6             |                 | 4.2             | 30.0               |
| FM 9162 B2F                                                          | 20.9      |                   |                    |                      | 29.2             |                 | 4.4             | 31.6               |
| ST 5288 B2F                                                          | 9.4       |                   |                    |                      | 29.3             |                 | 4.6             | 30.3               |



| Country<br>Varieties grown     | Area<br>% | Har-<br>vesting | Planting<br>period                                       | Harvesting<br>period                                                                                                | Staple<br>length | Uni-<br>formity | Micro-<br>naire | Bundle<br>strength                          |
|--------------------------------|-----------|-----------------|----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|------------------|-----------------|-----------------|---------------------------------------------|
| <b>Egypt</b>                   |           | Hand            |                                                          |                                                                                                                     | mm               | %               |                 | g/tex                                       |
| <u>Extra long staple</u>       |           |                 | Apr.-May                                                 | Sep.-Oct.                                                                                                           |                  |                 |                 |                                             |
| GIZA 45                        | < 1       |                 |                                                          |                                                                                                                     | 35.2             | 88.1            | 3.4             | 42.9                                        |
| GIZA 87                        | 5         |                 |                                                          |                                                                                                                     | 34.5             | 87.2            | 3.0             | 43.3                                        |
| GIZA 88                        | 1-2       |                 |                                                          |                                                                                                                     | 33.7             | 86.6            | 2.8             | 42.0                                        |
| GIZA 96                        | < 1       |                 |                                                          |                                                                                                                     | 34.4             | 86.8            | 3.6             | 43.5                                        |
| GIZA 92                        | < 1       |                 |                                                          |                                                                                                                     | 32.1             | 86.5            | 3.2             | 44.9                                        |
| <u>Long staple</u>             |           |                 | Mar.-May                                                 | Aug.-Oct.                                                                                                           |                  |                 |                 |                                             |
| GIZA 86                        | 65        |                 |                                                          |                                                                                                                     | 31.8             | 86.0            | 3.9             | 42.6                                        |
| GIZA 94                        | 14        |                 |                                                          |                                                                                                                     | 32.8             | 86.6            | 3.5             | 42.1                                        |
| GIZA 90                        | 11        |                 |                                                          |                                                                                                                     | 28.3             | 84.6            | 4.2             | 35.6                                        |
| GIZA 95                        | 1-2       |                 |                                                          |                                                                                                                     | 28.4             | 83.7            | 3.8             | 34.8                                        |
| <b>Ethiopia</b>                |           |                 |                                                          |                                                                                                                     | mm               | %               |                 | <sup>1</sup> g/tex<br><sup>2</sup> Pressley |
| <u>Upland Cotton</u>           | 96.0      |                 | Apr.-June<br>(Irrigation)                                | Sep.-Jan.                                                                                                           |                  |                 |                 |                                             |
| ACALA-SJ2                      | 0.5       | Hand            |                                                          |                                                                                                                     | 28.6             |                 | 3.2             | 79.3 <sup>2</sup>                           |
| DP-90                          | 80.0      | Hand            | &                                                        |                                                                                                                     | 29.6             |                 | 4.2             | 29.3 <sup>1</sup>                           |
| STAM 59A                       | 15.0      | Hand            | June-Aug.<br>(Rainfed)                                   |                                                                                                                     | 30.9             |                 | 4.4             | 32.5 <sup>1</sup>                           |
| CANDIA                         |           | Machine         |                                                          |                                                                                                                     | 29.9             |                 | 4.4             | 31.5 <sup>1</sup>                           |
| ARBA                           |           | Hand            |                                                          |                                                                                                                     |                  |                 |                 |                                             |
| STONEVILLE 213                 |           | Hand            |                                                          |                                                                                                                     |                  |                 |                 |                                             |
| BULK 202                       |           | Hand            |                                                          |                                                                                                                     |                  |                 |                 |                                             |
| IONIA                          |           | Hand            |                                                          |                                                                                                                     |                  |                 |                 |                                             |
| <u>Local/Land Races</u>        | 4         | Hand            | Feb.-Mar.<br>(Irrigation)<br>&<br>June-Aug.<br>(Rainfed) | mostly 4 months<br>after planting,<br>i.e. approx.:<br><br>June-July<br>(Irrigation)<br>&<br>Oct.-Dec.<br>(Rainfed) | 22-24            |                 |                 |                                             |
| <u>New Local<br/>Varieties</u> |           | Hand            | Apr.-June                                                | less than<br>4 months after<br>planting                                                                             |                  |                 |                 |                                             |
| WOITO70                        |           |                 |                                                          |                                                                                                                     | 28.7             |                 |                 | 25.8 <sup>1</sup>                           |
| WORERS0                        |           |                 |                                                          |                                                                                                                     | 27.5             |                 |                 | 25.1 <sup>1</sup>                           |
| SISUKUK02                      |           |                 |                                                          |                                                                                                                     | 28.9             |                 |                 | 30.0 <sup>1</sup>                           |



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| Country<br>Varieties grown | Area<br>% | Har-<br>vesting | Planting<br>period | Harvesting<br>period | Staple<br>length | Uni-<br>formity | Micro-<br>naire | Bundle<br>strength |
|----------------------------|-----------|-----------------|--------------------|----------------------|------------------|-----------------|-----------------|--------------------|
| <b>Ghana</b>               |           | Hand            | June-July          | Nov.-Dec.            | HVI inch         | %               |                 | g/tex              |
| FK                         |           |                 |                    |                      | 1.13             |                 | 4.1             | 31                 |
| STAM                       |           |                 |                    |                      | 1.16             |                 | 4.3             | 30                 |
| <b>Greece</b>              |           | Machine         | Apr.-May           | Sep.-Oct.            | mm               | %               |                 | g/tex              |
| ST 402                     | 10.3      |                 |                    |                      | 28.5-29.0        | 83.0-84.0       | 4.4-4.7         | 28-30              |
| CELIA                      | 5.9       |                 |                    |                      | 28.0-29.0        | 83.0-83.6       | 4.0-4.3         | 29-30              |
| DP 332                     | 5.3       |                 |                    |                      | 28.0-29.0        | -               | 4.3-4.5         | 29-30              |
| HERSI                      | 5.0       |                 |                    |                      | 26.5-30.0        | 83.0-83.5       | 4.1-4.2         | 30-31              |
| ST 474                     | 4.2       |                 |                    |                      | 27.0-28.0        | 83.4-84.0       | 4.7-4.9         | 29-30              |
| FLORA                      | 4.1       |                 |                    |                      | 28.6-29.5        | 82.0-83.5       | 4.1-4.2         | 29-30              |
| ELSA                       | 3.6       |                 |                    |                      | 28.8-29.7        | 82.5-83.7       | 4.2-4.4         | 29-30              |
| DP 419                     | 3.5       |                 |                    |                      | -                | -               | -               | -                  |
| ST 318                     | 3.2       |                 |                    |                      | 28.0-29.0        | 83.0-84.0       | 4.3-4.5         | 28.5-30.0          |
| LIDER                      | 3.2       |                 |                    |                      | 27.7-29.4        | 82.5-83.3       | 4.3-4.5         | 28.0-29.5          |
| BABYLON                    | 3.1       |                 |                    |                      | 28.6-29.6        | 82.5-83.5       | 4.1-4.4         | 29-31              |
| DP 396                     | 3.0       |                 |                    |                      | 28.0-29.0        | 84.5            | 4.5-4.7         | 28-29              |
| CARMEN                     | 2.9       |                 |                    |                      | 28.0-28.5        | 82.0-83.0       | 4.2-4.3         | 28-30              |
| FLASH                      | 2.4       |                 |                    |                      | 29.0-30.0        | -               | 4.6-4.8         | 33-35              |
| IDEAL                      | 2.2       |                 |                    |                      | 28.0-28.7        | 83.0-84.0       | 4.4-4.7         | 30-31              |
| DP 401                     | 2.1       |                 |                    |                      | 28.5-29.0        | 83.0-83.5       | 4.2-4.3         | 28.7-31.0          |
| FANTOM                     | 2.0       |                 |                    |                      | 27.6-28.1        | 82.0-82.7       | 3.8-4.1         | 28-29              |
| ST 405                     | 1.8       |                 |                    |                      | 28.0-28.6        | 82.5-83.3       | 4.6-4.8         | 28.4-29.3          |
| SANDRA                     | 1.5       |                 |                    |                      | 28.0-28.5        | 83.0-84.5       | 4.4-4.8         | 28.5-29.5          |
| CAMPO                      | 1.5       |                 |                    |                      | 28.0-28.5        | 83.0-84.0       | 4.3-4.5         | 27-28              |
| <b>India</b>               |           | Hand            |                    |                      | mm               | %               |                 | g/tex              |
| <u>Punjab</u>              | 4.4       |                 | Apr.-May           |                      |                  |                 |                 |                    |
| ICS-202 J-34 SG            |           |                 |                    | Oct.-Dec.            | 25-28            |                 | 4.0-4.5         | 23-27              |
| ICS-201                    |           |                 |                    | Sep.-Nov.            | 15-19            |                 | 6.0-7.0         | 14-17              |
| Bengal Deshi SG            |           |                 |                    |                      |                  |                 |                 |                    |
| <u>Haryana</u>             | 4.8       |                 | Apr.-May           |                      |                  |                 |                 |                    |
| ICS-202 J-34 SG            |           |                 |                    | Oct.-Dec.            | 25-27            |                 | 4.0-4.6         | 24-26              |
| ICS-201                    |           |                 |                    | Sep.-Nov.            | 15-18            |                 | 6.5-7.0         | 14-17              |
| Bengal Deshi SG            |           |                 |                    |                      |                  |                 |                 |                    |
| <u>Rajasthan</u>           | 2.6       |                 | Apr.-May           |                      |                  |                 |                 |                    |
| ICS-202 J-34 SG            |           |                 |                    | Oct.-Dec.            | 25-26            |                 | 4.0-4.5         | 24-26              |
| ICS-201                    |           |                 |                    | Sep.-Nov.            | 15-18            |                 | 6.5-7.7         | 14-17              |
| Bengal Deshi SG            |           |                 |                    |                      |                  |                 |                 |                    |
| <u>Gujarat</u>             | 23.3      |                 |                    |                      |                  |                 |                 |                    |
| ICS-105 Shankar-6          |           |                 | May-June           | Oct.-Jan.            | 27-30            |                 | 3.5-4.4         | 26-29              |
| ICS-102 V-797              |           |                 | June-July          | Jan.-Mar.            | 22-24            |                 | 4.6-5.5         | 20-23              |

| Country<br>Varieties grown | Area<br>% | Har-<br>vesting | Planting<br>period | Harvesting<br>period | Staple<br>length | Uni-<br>formity | Micro-<br>naire | Bundle<br>strength |
|----------------------------|-----------|-----------------|--------------------|----------------------|------------------|-----------------|-----------------|--------------------|
| <b>India</b>               |           | Hand            |                    |                      | mm               | %               |                 | g/tex              |
| <u>Madhya Pradesh</u>      | 5.4       |                 |                    |                      |                  |                 |                 |                    |
| ICS-105                    |           |                 |                    |                      |                  |                 |                 |                    |
| - H-4 / MECH-1             |           |                 | June-July          | Nov.-Jan.            | 27-29            |                 | 3.5-4.9         | 26-28              |
| ICS-105                    |           |                 |                    |                      |                  |                 |                 |                    |
| - LRA-5166                 |           |                 | June-July          | Oct.-Dec.            | 25-27            |                 | 3.5-4.9         | 24-27              |
| ICS-104                    |           |                 |                    |                      |                  |                 |                 |                    |
| - Y-1                      |           |                 | June-July          | Oct.-Dec.            | 23-25            |                 | 4.0-5.5         | 22-24              |
| <u>Maharashtra</u>         | 33.5      |                 |                    |                      |                  |                 |                 |                    |
| ICS-105                    |           |                 |                    |                      |                  |                 |                 |                    |
| H-4 / MECH-1               |           |                 | June-July          | Nov.-Jan.            | 27-29            |                 | 3.5-4.4         | 26-28              |
| ICS-105                    |           |                 |                    |                      |                  |                 |                 |                    |
| LRA-5166                   |           |                 | June-July          | Oct.-Dec.            | 26-27            |                 | 3.5-4.4         | 24-26              |
| ICS-105                    |           |                 |                    |                      |                  |                 |                 |                    |
| NHH-44                     |           |                 | June-July          | Oct.-Dec.            | 24-26            |                 | 3.5-4.4         | 22-25              |
| ICS-104                    |           |                 |                    |                      |                  |                 |                 |                    |
| Y-1                        |           |                 | June-July          | Oct.-Dec.            | 22-24            |                 | 4.0-5.5         | 20-23              |
| <u>Karnataka</u>           | 5.0       |                 |                    |                      |                  |                 |                 |                    |
| ICS-107                    |           |                 |                    |                      |                  |                 |                 |                    |
| DCH-32                     |           |                 | June-July          | Nov.-Feb.            | 33-36            |                 | 2.8-3.3         | 32-34              |
| ICS-105                    |           |                 |                    |                      |                  |                 |                 |                    |
| LRA-5166                   |           |                 | Mar.-July          | Jul.-Dec.            | 26-28            |                 | 3.5-4.2         | 24-27              |
| ICS-103                    |           |                 |                    |                      |                  |                 |                 |                    |
| Jayadhar                   |           |                 | July-Aug.          | Jan.-Mar.            | 22-24            |                 | 4.0-5.5         | 20-22              |
| ICS-105                    |           |                 |                    |                      |                  |                 |                 |                    |
| Bunny / Brahma             |           |                 | July-Aug.          | Dec.-Mar.            | 30-31            |                 | 3.5-4.2         | 28-30              |
| <u>Andhra Pradesh</u>      | 18.5      |                 |                    |                      |                  |                 |                 |                    |
| ICS-105                    |           |                 |                    |                      |                  |                 |                 |                    |
| H-4 / MECH-1               |           |                 | June-July          | Nov.-Jan.            | 27-29            |                 | 3.5-4.2         | 26-28              |
| ICS-106                    |           |                 |                    |                      |                  |                 |                 |                    |
| MCU-5                      |           |                 | June-July          | Nov.-Mar.            | 31-33            |                 | 3.5-4.4         | 30-32              |
| ICS-105                    |           |                 |                    |                      |                  |                 |                 |                    |
| Brahma / Brahma            |           |                 | June-Aug.          | Nov.-Mar.            | 30-31            |                 | 3.5-4.2         | 29-30              |
| ICS-105                    |           |                 |                    |                      |                  |                 |                 |                    |
| LRA-5166                   |           |                 | June-July          | Nov.-Feb.            | 25-27            |                 | 3.6-4.2         | 24-26              |
| <u>Tamil Nadu</u>          | 1.0       |                 |                    |                      |                  |                 |                 |                    |
| ICS-107                    |           |                 |                    |                      |                  |                 |                 |                    |
| DCH-32                     |           |                 | Aug.-Sep.          | Feb.-Mar.            | 34-36            |                 | 2.7-3.4         | 32-35              |
| ICS-106                    |           |                 |                    |                      |                  |                 |                 |                    |
| MCU-5                      |           |                 | Aug.-Sep.          | Feb.-Apr.            | 31-33            |                 | 3.4-4.0         | 30-32              |
| ICS-105                    |           |                 |                    |                      |                  |                 |                 |                    |
| LRA-5166                   |           |                 | Nov.-Dec.          | Mar.-Apr.            | 25-27            |                 | 3.8-4.5         | 24-26              |
| <u>Others</u>              | 1.5       |                 |                    |                      |                  |                 |                 |                    |



| Country<br>Varieties grown                              | Area<br>% | Har-<br>vesting                      | Planting<br>period     | Harvesting<br>period   | Staple<br>length | Uni-<br>formity | Micro-<br>naire | Bundle<br>strength     |
|---------------------------------------------------------|-----------|--------------------------------------|------------------------|------------------------|------------------|-----------------|-----------------|------------------------|
| <b>Iran</b>                                             |           | Hand                                 | May                    | Oct.-Nov.              | mm               | %               |                 | g/tex                  |
| Varamin                                                 | 76.0      |                                      |                        |                        | 30.0             |                 | 4.1             | 27.5                   |
| Bakhtegan                                               | 12.0      |                                      |                        |                        | 29.8             |                 | 4.1             | 28.0                   |
| Sahel                                                   | 10.0      |                                      |                        |                        | 30.0             |                 | 4.1             | 28.0                   |
| Golestan                                                | 1.0       |                                      |                        |                        | 29.5             |                 | 4.3             | 27.0                   |
| Sepid                                                   | 0.5       |                                      |                        |                        | 30.8             |                 | 4.2             | 27.2                   |
| Armaghan                                                | 0.5       |                                      |                        |                        | 29.4             |                 | 4.3             | 26.5                   |
| <b>Israel</b>                                           |           | Machine                              | Mar.-Apr.              | Sep.-Oct.              | mm               | %               |                 | g/tex                  |
| Pima                                                    | 85        |                                      |                        |                        | 36-38            |                 | 3.7-4.5         | 40-42                  |
| Acalpi                                                  | 15        |                                      |                        |                        | 34-35            |                 | 3.4-4.1         | 34-37                  |
| <b>Ivory Coast</b>                                      |           | Hand                                 |                        |                        | inch             | %               |                 | g/tex                  |
| R 405-5                                                 |           |                                      | May-June               | Oct.-Dec.              | 1.1/16-1.1/8     | 78-82           | 3.6-4.0         | 29                     |
| R 405-96                                                |           |                                      | June-July              | Nov.-Jan               | 1.1/16-1.1/8     | 78-82           | 3.6-4.0         | 29                     |
| <b>Kazakhstan</b>                                       |           | 60 %<br>Machine<br>/<br>40 %<br>Hand | April                  | September              | mm (GOST)        | %               |                 | g/tex<br><br>25.0-29.5 |
| PA-3044                                                 | 11        |                                      |                        |                        | 32.6             |                 | 4.7             |                        |
| M-4005                                                  | 18        |                                      |                        |                        | 33.0             |                 | 4.7             |                        |
| M-4007                                                  | 29        |                                      |                        |                        | 33.1             |                 | 4.7             |                        |
| M-4011                                                  | 31        |                                      |                        |                        | 33.2             |                 | 4.7             |                        |
| Bereke-07                                               | 9         |                                      |                        |                        | 33.0             |                 | 4.7             |                        |
| Myrzashol                                               | 1         |                                      |                        |                        | 33.3             |                 | 4.6             |                        |
| <b>Kenya</b>                                            |           | Hand                                 |                        |                        | inch             | %               |                 | g/tex                  |
| <u>Coastal</u><br><u>Central / Eastern</u><br>HART 89 M | 70        |                                      | April<br>October       | July-Sep.<br>July-Sep. | 1.1/16-1.3/32    |                 | 3.8-4.1         | 19-25                  |
| <u>Western</u><br>KSA 81 M                              | 30        |                                      | April                  | July-Sep.              | 1.1/16-1.3/32    |                 | 3.8-4.1         | 19-22                  |
| <b>Kyrgyzstan</b>                                       |           | Hand                                 | April                  | Sep.-Oct.              | mm (GOST)        | %               |                 | g/tex                  |
| Kirgiskij-3                                             |           |                                      |                        |                        | 32-33            |                 | 4.5-4.8         | 25.5-26.5              |
| Ferghana-3                                              |           |                                      |                        |                        | 30-31            |                 | 4.6-4.8         | 24.5-25.5              |
| others                                                  |           |                                      |                        |                        | 30-31            |                 | 4.6-4.7         | 24.5-25.5              |
| <b>Madagascar</b>                                       |           |                                      |                        |                        | mm               | %               |                 | g/tex                  |
| Various                                                 |           | Hand                                 | Nov.-Dec.<br>Mar.-Apr. | Apr.-July<br>Sep.-Nov. | 28-30            | 81-85           | 4.0-4.8         | 30-34                  |

| Country<br>Varieties grown | Area<br>% | Har-<br>vesting | Planting<br>period | Harvesting<br>period | Staple<br>length | Uni-<br>formity | Micro-<br>naire | Bundle<br>strength |
|----------------------------|-----------|-----------------|--------------------|----------------------|------------------|-----------------|-----------------|--------------------|
| <b>Malawi</b>              |           | Hand            | Nov.-Dec.          | May-Aug.             | mm               | %               |                 | density            |
| Makoka-2000                |           |                 |                    |                      | 28.5             |                 | 4.4             | 198                |
| Rasam-17                   |           |                 |                    |                      | 28.4             |                 | 4.3             | 199                |
| IRM-81                     |           |                 |                    |                      | 29.6             |                 | 4.1             | 182                |
| Chureza                    |           |                 |                    |                      | 28.7             |                 | 4.6             | 190                |
| SZ-9314                    |           |                 |                    |                      | 29.4             |                 | 4.2             | 184                |
| <b>Mali</b>                |           | Hand            | May-July           | Oct.-Dec.            | mm               | %               |                 | g/tex<br>HVI 1000  |
| STAM 59A                   | 40.6      |                 |                    |                      | 29.1             | 83.0            | 4.1             | 29.0               |
| STAM 279A                  | 18.5      |                 |                    |                      | 28.5             |                 | 4.3             | 26.6               |
| NTA 90-5                   | 19.5      |                 |                    |                      | 30.7             | 84.4            | 4.1             | 29.0               |
| NTA 93-15                  | 11.7      |                 |                    |                      | 29.5             |                 | 3.8             | 26.9               |
| NTA 93-13                  | < 0.1     |                 |                    |                      | 30.4             | 83.1            | 3.9             | 30.8               |
| NTA L100                   | < 0.1     |                 |                    |                      | 28.2             | 81.7            | 4.1             | 28.0               |
| NTA MS 334                 | 0.6       |                 |                    |                      | 29.2             | 82.2            | 4.0             | 28.9               |
| G 440                      | 8.0       |                 |                    |                      | 28.9             | 82.7            | 4.9             | 29.3               |
| BRS 293                    | 1.0       |                 |                    |                      | 28.9             | 82.3            | 4.2             | 29.1               |
| NTA B178                   | 0.1       |                 |                    |                      | 29.2             | 82.3            | 4.0             | 30.4               |
| <b>Mexico</b>              |           | Machine         |                    |                      | inch             | %               |                 | g/tex              |
| <u>Sinaloa, Sonora</u>     |           |                 | Nov.-Feb.          | June-Sep.            |                  |                 |                 |                    |
| <u>Matamoros</u>           |           |                 | Feb.-Mar.          | July-Aug.            |                  |                 |                 |                    |
| <u>Mexicali, San Luis,</u> |           |                 |                    |                      |                  |                 |                 |                    |
| <u>Rio Colorado</u>        |           |                 | Feb.-Mar.          | Aug.-Nov.            |                  |                 |                 |                    |
| <u>La Laguna</u>           |           |                 | Mar.-Apr.          | Aug.-Nov.            |                  |                 |                 |                    |
| <u>Juarez, Ojinaga,</u>    |           |                 |                    |                      |                  |                 |                 |                    |
| <u>Delicias,</u>           |           |                 |                    |                      |                  |                 |                 |                    |
| <u>Chihuahua</u>           |           |                 | Apr.-May           | Sep.-Jan.            |                  |                 |                 |                    |
| FM1830GLT                  |           |                 |                    |                      | 1.10-1.20        | 80-82           | 3.8-4.6         | 28-30              |
| FM2334GLT                  |           |                 |                    |                      | 1.10-1.17        | 80-82           | 3.8-4.6         | 28-30              |
| FM1740B2RF                 |           |                 |                    |                      | 1.08-1.11        | 79-81           | 4.2-4.9         | 27-29              |
| FM2484B2F                  |           |                 |                    |                      | 1.10-1.14        | 80-81           | 3.5-4.6         | 27-30              |
| DP1044B2RF                 |           |                 |                    |                      | 1.09             | 81.5            | 4.3             | 26.3               |
| DP1219B2RF                 |           |                 |                    |                      | 1.11             | 80.3            | 4.1             | 28.8               |
| DP1359                     |           |                 |                    |                      |                  |                 |                 |                    |
| DP1441                     |           |                 |                    |                      |                  |                 |                 |                    |
| <b>Mozambique</b>          |           | Hand            | Nov.-Jan.          | May-June             | inch             | %               |                 | g/tex              |
| CA-324                     | 74.7      |                 |                    |                      | 1.3/32-1.1/8     |                 | 4.0-4.4         |                    |
| ALBAR SZ 9314              | 16.0      |                 |                    |                      | 1.3/32-1.1/8     |                 | 4.4-4.6         |                    |
| Chureza                    | 9.3       |                 |                    |                      |                  |                 |                 |                    |





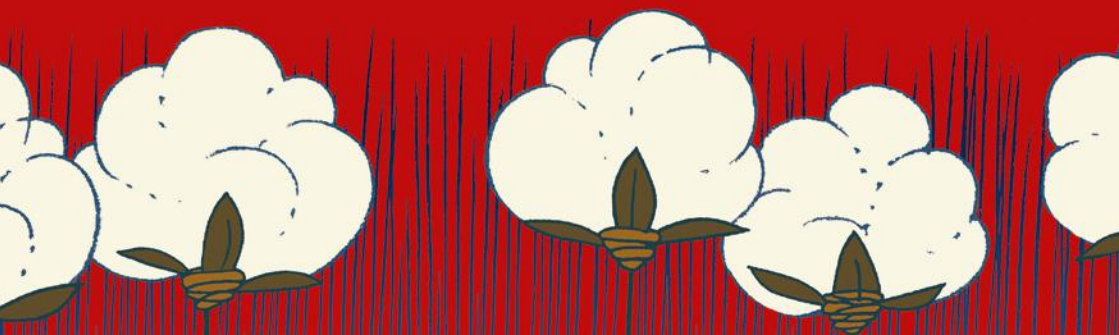
| Country<br>Varieties grown | Area<br>% | Har-<br>vesting | Planting<br>period                 | Harvesting<br>period                | Staple<br>length | Uni-<br>formity | Micro-<br>naire | Bundle<br>strength |
|----------------------------|-----------|-----------------|------------------------------------|-------------------------------------|------------------|-----------------|-----------------|--------------------|
| <b>Myanmar</b>             |           | Hand            |                                    |                                     | mm               | %               |                 | g/tex              |
| Ngwe Chi-6                 | 68.3      |                 | Feb.-Mar.<br>May-June              | July-Aug.<br>Oct.-Nov.              | 28-30            |                 | 4.8-5.0         | 41.8-42.9          |
| Shwe-Daung-8               | 4.6       |                 | July-Aug.<br>Feb.-Mar.<br>May-June | July-Aug.<br>Oct.-Nov.<br>Dec.-Jan. | 28-31            |                 | 4.8-5.1         | 40.2-44.5          |
| Ngwe Chi-9                 | < 0.1     |                 | July-Aug.<br>Feb.-Mar.<br>May-June | July-Aug.<br>Oct.-Nov.<br>Dec.-Jan. | 29-30            |                 | 4.8-5.3         | 41.3-42.9          |
| Mahlaing                   | 9.8       |                 | May-June                           | Dec.-Jan.                           | 19-24            |                 | 5.8-7.8         | 39.6-48.2          |
| Wagyi                      | 12.2      |                 | May-June                           | Feb.-Mar.                           | 21-24            |                 | 5.9-7.2         | 41.8-45.0          |
| Others                     | 5.1       |                 |                                    |                                     |                  |                 |                 |                    |
| <b>Nevis</b>               |           | Hand            | Aug.-Oct.                          | Jan.-Apr.                           | HVI inch         | %               |                 | g/tex              |
| Asian                      | 100       |                 |                                    |                                     | 1.47             |                 | 3.2             | 37.2               |
| <b>Nigeria</b>             |           | Hand            | May-June                           | Oct.-Dec.                           | inch             | %               |                 | g/tex              |
| Samcott varieties          |           |                 |                                    |                                     | 1.1/16-1.5/32    |                 | 3.6-4.6         |                    |
| Others                     |           |                 |                                    |                                     |                  |                 |                 |                    |
| <b>Pakistan</b>            |           | Hand            |                                    |                                     | mm               | %               |                 | Pressley           |
| CRIS-533                   |           |                 |                                    |                                     | 28.8             |                 | 4.0             | 97.8               |
| CRIS-510                   |           |                 |                                    |                                     | 28.2             |                 | 4.0             | 92.8               |
| Bt CRIS-508                |           |                 |                                    |                                     | 28.7             |                 | 4.7             | 99.4               |
| CIM-598                    |           |                 |                                    |                                     | 29.5             |                 | 4.6             | 96.0               |
| CYTO-179                   |           |                 |                                    |                                     | 28.2             |                 | 4.2             | 107.6              |
| SLH-8*                     |           |                 |                                    |                                     | 29.0             |                 | 4.6             | -                  |
| CIM-620                    |           |                 |                                    |                                     | 28.9             |                 | 4.6             | 93.0               |
| Cyto-124                   |           |                 |                                    |                                     | 30.3             |                 | 4.4             | 92.4               |
| Bt Cyto-177                |           |                 |                                    |                                     | 29.0             |                 | 4.3             | 99.9               |
| Bt CIM-600                 |           |                 |                                    |                                     | 29.0             |                 | 4.7             | 94.8               |
| CRIS-129                   |           |                 |                                    |                                     | 28.5             |                 | -               | 98.5               |
| Bt CIM-595                 |           |                 |                                    |                                     | 29.0             |                 | 4.7             | 97.5               |
| Bt CIM-599                 |           |                 |                                    |                                     | 28.9             |                 | 4.6             | 95.0               |
| Bt CIM-602                 |           |                 |                                    |                                     | 29.1             |                 | 4.2             | 94.8               |
| CIM-608                    |           |                 |                                    |                                     | 28.5             |                 | 4.6             | 93.9               |
| CIM-573                    |           |                 |                                    |                                     | 31.6             |                 | 4.6             | 90.2               |
| Bt CIM-598                 |           |                 |                                    |                                     | 29.0             |                 | 4.3             | 94.8               |
| BH-167                     |           |                 |                                    |                                     | 29.1             |                 | 4.7             | 92.7               |
| SLH-317                    |           |                 |                                    |                                     | 29.8             |                 | 4.4             | 96.7               |
| IR-3701                    |           |                 |                                    |                                     | 25.9             |                 | 5.7             | 95.6               |
| Ali Akbar-703              |           |                 |                                    |                                     | 28.5             |                 | 5.0             | 104.6              |
| MG-6                       |           |                 |                                    |                                     | 27.5             |                 | 5.3             | 103.3              |
| FH-113                     |           |                 |                                    |                                     | 26.0             |                 | 5.4             | 94.0               |
| Neelum-121                 |           |                 |                                    |                                     | 26.2             |                 | 5.1             | 106.0              |

| Country<br>Varieties grown | Area<br>% | Har-<br>vesting | Planting<br>period | Harvesting<br>period | Staple<br>length | Uni-<br>formity | Micro-<br>naire | Bundle<br>strength |
|----------------------------|-----------|-----------------|--------------------|----------------------|------------------|-----------------|-----------------|--------------------|
| <b>Pakistan</b>            |           | Hand            |                    |                      | mm               | %               |                 | Pressley           |
| Sitara 008                 |           |                 |                    |                      | 25.8             |                 | 4.8             | 101.6              |
| Ali Akbar-802              |           |                 |                    |                      | 28.3             |                 | 5.3             | 105.5              |
| IR-1524                    |           |                 |                    |                      | 27.3             |                 | 5.3             | 102.0              |
| CIRS-342                   |           |                 |                    |                      | 28.4             |                 | 4.3             | 95.5               |
| Sindh-I                    |           |                 |                    |                      | 28.0             |                 | 4.5             | 97.0               |
| Malamal                    |           |                 |                    |                      | 30.0             |                 | 4.0             | 97.0               |
| NIA-Ufaq-2008              |           |                 |                    |                      | 28.5             |                 | 4.3             | 97.0               |
| CIM-534                    |           |                 |                    |                      | 29.0             |                 | 4.5             | 97.2               |
| Hari Dost                  |           |                 |                    |                      | 28.0             |                 | 4.5             | 97.0               |
| Sadori                     |           |                 |                    |                      | 28.3             |                 | 4.4             | 97.0               |
| CRIS-121                   |           |                 |                    |                      | 27.5             |                 | 4.9             | 98.5               |
| CIM-496                    |           |                 |                    |                      | 29.7             |                 | 4.6             | 93.5               |
| CIM-707                    |           |                 |                    |                      | 32.2             |                 | 4.2             | 97.5               |
| CIM-506                    |           |                 |                    |                      | 28.7             |                 | 4.5             | 98.9               |
| BH-160                     |           |                 |                    |                      | 29.5             |                 | 4.2             | 95.1               |
| NIAB-111                   |           |                 |                    |                      | 30.5             |                 | 4.4             | 90.1               |
| CRIS-467                   |           |                 |                    |                      | 27.5             |                 | 4.6             | 97.2               |
| Sohni                      |           |                 |                    |                      | 28.0             |                 | 4.5             | 98.0               |
| CRIS-134                   |           |                 |                    |                      | 27.5             |                 | -               | 97.5               |
| CIM-499                    |           |                 |                    |                      | 29.6             |                 | 4.4             | 97.3               |
| FH-1000                    |           |                 |                    |                      | 29.5             |                 | 4.6             | 96.9               |
| NIAB-999                   |           |                 |                    |                      | 28.7             |                 | 4.6             | 98.0               |
| CIM-473                    |           |                 |                    |                      | 29.6             |                 | 4.3             | 95.2               |
| FDH-228                    |           |                 |                    |                      | 13.9             |                 | 7.3             | 96.5               |
| Marvi CRIS-5A              |           |                 |                    |                      | 26.8             |                 | -               | 97.5               |
| Shahbaz                    |           |                 |                    |                      | 28.0             |                 | 4.6-4.8         | 98.0               |
| CIM-482                    |           |                 |                    |                      | 28.5             |                 | 4.5             | 98.0               |
| FH-900                     |           |                 |                    |                      | 28.5             |                 | 4.3             | 95.1               |
| FH-901                     |           |                 |                    |                      | 27.5             |                 | 5.2             | 92.0               |
| BH-118                     |           |                 |                    |                      | 27.6             |                 | 4.6             | 96.2               |
| MNH-552                    |           |                 |                    |                      | 27.5             |                 | 4.9             | 95.0               |
| MNH-554                    |           |                 |                    |                      | 28.0             |                 | 4.2             | 94.0               |
| CIM-443                    |           |                 |                    |                      | 27.6             |                 | 4.9             | 96.0               |
| CIM-446                    |           |                 |                    |                      | 27.0             |                 | 4.7             | 97.4               |
| FVH-53                     |           |                 |                    |                      | 28.6             |                 | 5.2             | 98.5               |
| CIM-1100                   |           |                 |                    |                      | 29.0             |                 | 3.9             | 94.0               |
| CIM-448                    |           |                 |                    |                      | 28.5             |                 | 4.5             | 93.8               |
| FH-634                     |           |                 |                    |                      | 28.5             |                 | 4.2             | 96.0               |
| MNH-329                    |           |                 |                    |                      | 28.5             |                 | 4.2             | 96.0               |
| Rh-112                     |           |                 |                    |                      | 27.6             |                 | 4.6             | 95.0               |
| Karishma                   |           |                 |                    |                      | 28.6             |                 | 5.0             | 93.3               |
| Chandni-95                 |           |                 |                    |                      | 30.0             |                 | 3.9             | 96.0               |
| S-14                       |           |                 |                    |                      | 29.5             |                 | 4.2             | 93.3               |
| SLS-1                      |           |                 |                    |                      | 27.4             |                 | 4.5             | 95.3               |
| FDH-170                    |           |                 |                    |                      | 14.1             |                 | 8.4             | 94.2               |
| Punjab Upland              |           |                 | May-June           | Sep.-Dec.            |                  |                 |                 |                    |
| Sindh Upland               |           |                 | Mar.-June          | July-Dec.            |                  |                 |                 |                    |



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| Country<br>Varieties grown                                                                                                                                                                                                                     | Area<br>%                                                   | Har-<br>vesting                    | Planting<br>period                             | Harvesting<br>period                              | Staple<br>length                                                               | Uni-<br>formity                                           | Micro-<br>naire                                                      | Bundle<br>strength                                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|------------------------------------|------------------------------------------------|---------------------------------------------------|--------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| <b>Paraguay</b><br><br>100% GMO-seeds<br>from Monsanto                                                                                                                                                                                         |                                                             | 85%<br>Hand<br>/<br>15%<br>Machine | Sep.-Nov.                                      | Feb.-Apr.                                         | inch<br><br>1.3/32"                                                            | %                                                         | <br><br>3.5-4.9                                                      | g/tex<br><br>28                                                                   |
| <b>Peru</b><br><br>Pima<br>Tanguis<br>Del Cerro<br>Aspero                                                                                                                                                                                      | <br><br>15.4<br>64.6<br>1.5<br>18.5                         | Hand                               | Jan.-Mar.<br>Mar.-May<br>Jan.-Mar.             | Jul.-Aug.<br>Jan.-Mar.<br>Jul.-Aug.<br>Sep.-Oct.  | inch<br><br>1.1/2-1.5/8<br>1.1/8-1.3/16<br>1.5/16-1.7/16<br>1.1/32-1.3/32      | %                                                         | <br><br>3.4-3.8<br>4.6-5.4<br>3.3-3.8<br>6.1-6.4                     | g/tex<br><br>35-39<br>34-37<br><br>28-31                                          |
| <b>Philippines</b><br><br><u>Visayas</u><br>UPL-C2<br>NSIC-CT 11<br><br><u>Mindanao</u><br><u>- Lower Valley</u><br>CRDI-1<br>UPL-C2<br>NSIC-Ct11<br>Bioseed 6527<br><br><u>Mindanao</u><br><u>- Upper Valley</u><br>NSIC-Ct11<br>Bioseed 6527 | <br><br>38<br>62<br><br>5<br>10<br>36<br>49<br><br>59<br>41 | Hand                               | Sep.-Nov.<br><br><br>Apr.-June<br><br><br>Nov. | Mar.-May<br><br><br>Oct.-Jan.<br><br><br>May-June | mm<br><br>29.8<br>28.7<br><br>28.4<br>29.8<br>28.7<br>27.9<br><br>28.7<br>27.9 | %                                                         | <br><br>5.1<br>4.7<br><br>4.3<br>5.1<br>4.7<br>4.1<br><br>4.7<br>4.1 | g/tex<br><br>19.4<br>18.6<br><br>19.5<br>19.4<br>18.6<br>20.4<br><br>18.6<br>20.4 |
| <b>Senegal</b><br><br>STAM 129                                                                                                                                                                                                                 | <br><br>100                                                 | Hand                               | June-July                                      | Nov.-Jan.                                         | mm<br><br>27.3-29.9                                                            | %<br><br>82.6                                             | <br><br>3.99                                                         | g/tex<br><br>32.4                                                                 |
| <b>South Africa</b><br><br>DP 210 BRF<br>DP 1240 BRF<br>Candia BRF<br>Various                                                                                                                                                                  | <br><br>12.9<br>11.6<br>71.3<br>4.2                         | Machine                            | Oct.-Nov.                                      | May-July                                          | mm<br><br>29.0-30.5<br>28.2-29.0<br>28.2-29.0<br>28.2-30.0                     | %<br><br>82.0-83.0<br>82.0-83.0<br>82.0-83.0<br>82.0-83.0 | <br><br>3.5-4.9<br>3.5-4.9<br>3.5-4.9<br>4.0-4.9                     | g/tex<br>HVI 1000<br><br>28.0+<br>28.0+<br>28.0+<br>28.0+                         |





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| Country<br>Varieties grown                                                              | Area<br>% | Har-<br>vesting | Planting<br>period | Harvesting<br>period | Staple<br>length | Uni-<br>formity | Micro-<br>naire | Bundle<br>strength |
|-----------------------------------------------------------------------------------------|-----------|-----------------|--------------------|----------------------|------------------|-----------------|-----------------|--------------------|
| <b>Spain</b>                                                                            |           | Machine         | Mar.-May           | Sep.-Nov.            | mm               | %               |                 | g/tex              |
| Upland                                                                                  |           |                 |                    |                      | 27-29            | 82              | 3.7-4.9         | 29+                |
| JUNCAL                                                                                  | 22        |                 |                    |                      |                  |                 |                 |                    |
| DP 332                                                                                  | 14        |                 |                    |                      |                  |                 |                 |                    |
| DP 396                                                                                  | 11        |                 |                    |                      |                  |                 |                 |                    |
| ALBARIZA                                                                                | 8         |                 |                    |                      |                  |                 |                 |                    |
| STONEVILLE                                                                              | 7         |                 |                    |                      |                  |                 |                 |                    |
| CARISMA                                                                                 | 5         |                 |                    |                      |                  |                 |                 |                    |
| ELSA                                                                                    | 5         |                 |                    |                      |                  |                 |                 |                    |
| FOKION                                                                                  | 5         |                 |                    |                      |                  |                 |                 |                    |
| VIKI                                                                                    | 5         |                 |                    |                      |                  |                 |                 |                    |
| AZAHAR                                                                                  | 4         |                 |                    |                      |                  |                 |                 |                    |
| COCO                                                                                    | 3         |                 |                    |                      |                  |                 |                 |                    |
| LIDER                                                                                   | 3         |                 |                    |                      |                  |                 |                 |                    |
| OTHERS                                                                                  | 3         |                 |                    |                      |                  |                 |                 |                    |
| CELIA                                                                                   | 2         |                 |                    |                      |                  |                 |                 |                    |
| <u>Extra Long Staple</u>                                                                | 3         |                 |                    |                      | 33.00+           |                 | 3.5-4.9         | 35.0+              |
| <b>Sudan</b>                                                                            |           |                 |                    |                      | mm               | %               |                 | g/tex              |
| <u>Extra Long Staple</u>                                                                | 31        | Hand            | July-Aug.          | Jan.-Apr.            | 33-37            |                 | 3.6-4.2         | 30-40              |
| Barakat<br>(Production areas:<br>Gezira)                                                |           |                 |                    |                      |                  |                 |                 |                    |
| <u>Medium to Long<br/>Staple</u>                                                        | 10        | Hand            | June-July          | Dec.-Mar.            | 29-34            |                 | 4.0-4.4         | 28-34              |
| Abdin<br>(Production areas:<br>Gezira, White<br>Nile)                                   |           |                 |                    |                      |                  |                 |                 |                    |
| <u>Medium Staple</u>                                                                    | 59        | Hand            | June-July          | Dec.-Mar.            | 25-29            |                 | 4.4-5.1         | 24-31              |
| Acala<br>(Production areas:<br>Gezira, Ragad,<br>Girba, Suki, Blue<br>Nile, White Nile) |           |                 |                    |                      |                  |                 |                 |                    |
| <b>Syria</b>                                                                            |           | Hand            | Apr.-May           | Sep.-Dec.            | HVI inch         | %               |                 | g/tex              |
| Various                                                                                 |           |                 |                    |                      | 1.06-1.17        |                 | 4.3-4.7         | 21.1-26.2          |

| Country<br>Varieties grown                                                                                       | Area<br>% | Har-<br>vesting   | Planting<br>period | Harvesting<br>period | Staple<br>length | Uni-<br>formity | Micro-<br>naire | Bundle<br>strength  |
|------------------------------------------------------------------------------------------------------------------|-----------|-------------------|--------------------|----------------------|------------------|-----------------|-----------------|---------------------|
| <b>Tajikistan</b>                                                                                                |           | Hand /<br>Machine | Mar.-Apr.          | Sep.-Nov.            | mm (GOST)        | %               |                 | g/tex               |
| Medium staple,<br>Elite<br>Flora-Carmen<br>Iram-1<br>Nehmat<br>Oriory<br>R-1<br>R-2<br>R-3<br>Sarbon<br>Zarnigor |           |                   |                    |                      | 32.1-34.2        |                 | 4.5-4.7         | 25.0-28.5           |
| Long staple<br>748-B<br>750-B<br>9326-B                                                                          |           |                   |                    |                      | 39.2-41.0        |                 |                 | 32.6-38.2           |
| <b>Tanzania</b>                                                                                                  |           | Hand              |                    |                      | HVI inch         | %               |                 | g/tex               |
| UK 91                                                                                                            | 95        |                   | Nov.-Dec.          | June-July            | 1.10-1.14        | 85              | 3.9-4.7         | 26.8-28.2           |
| ALAI 90                                                                                                          | 1         |                   | Feb.-Mar.          | Aug.-Sep.            | 1.11-1.15        | 85              | 3.9-4.2         | 27.5-29.3           |
| UKM 08                                                                                                           | 4         |                   | Nov.-Dec.          | June-July            | 1.11-1.15        | 86              | 3.9-4.0         | 27.0-28.6           |
| <b>Thailand</b>                                                                                                  |           | Hand              | June-Oct.          | Oct.-Apr.            | inch             | %               |                 | g/tex<br>Stelometer |
| Tak Fa 2                                                                                                         | 3         |                   |                    |                      | 1.19             | 53              | 3.9             | 21.7                |
| Tak Fa 84-4                                                                                                      | 30        |                   |                    |                      | 1.23             | 56              | 3.9             | 24.6                |
| Tak Fa 86-5                                                                                                      | 30        |                   |                    |                      | 1.25             | 57              | 2.6             | 21.5                |
| Tak Fa 3                                                                                                         | 30        |                   |                    |                      | 0.78             | 51              | 5.8             | 20.8                |
| Local varieties                                                                                                  | 7         |                   |                    |                      | < 1.00           | 55-60           | 5.0             | 15-17               |
| <b>Togo</b>                                                                                                      |           | Hand              |                    |                      | inch             | %               |                 | g/tex               |
| STAM 129 A                                                                                                       | 100       |                   | June-Aug.          | Oct.-Jan.            | 1.109            | 81.7            | 4.50            | 30.2                |





| Country<br>Varieties grown           | Area<br>% | Har-<br>vesting   | Planting<br>period | Harvesting<br>period | Staple<br>length | Uni-<br>formity | Micro-<br>naire | Bundle<br>strength |
|--------------------------------------|-----------|-------------------|--------------------|----------------------|------------------|-----------------|-----------------|--------------------|
| <b>Turkey</b>                        |           |                   |                    |                      | mm               | %               |                 | g/tex              |
| <u>Aegean Region</u>                 |           | 99%               | Apr.-May           |                      |                  |                 |                 |                    |
| Lydia                                | 11        | Machine           |                    | Sep.-Oct.            | 29-32            |                 | 4.0-4.5         | 34-38              |
| Flash                                | 12        | /                 |                    | Sep.-Oct.            | 29-31            |                 | 4.6-4.8         | 33-35              |
| Carisma                              | 13        | 1%                |                    | Sep.-Oct.            | 28-30            |                 | 4.4-4.9         | 30-32              |
| PG 2018                              | 5         | Hand              |                    | Sep.-Oct.            | 28-30            |                 | 4.6-4.8         | 31-33              |
| Gloria                               | 47        |                   |                    | Sep.-Nov.            | 30-32            |                 | 4.1-4.4         | 33-36              |
| Cloudia                              | 7         |                   |                    | Sep.-Nov.            | 30-32            |                 | 4.1-4.5         | 32-34              |
| Others                               | 5         |                   |                    |                      |                  |                 |                 |                    |
| <u>Cukurova Region</u>               |           | 90%               | Apr.- May          |                      |                  |                 |                 |                    |
| BA 119                               | 9         | Machine           |                    | Sep.-Oct.            | 29-31            |                 | 4.4-4.6         | 31-33              |
| Flash                                | 13        | /                 |                    | Sep.-Oct.            | 29-31            |                 | 4.6-4.8         | 33-35              |
| Carisma                              | 21        | 10%               |                    | Sep.-Oct.            | 28-30            |                 | 4.4-4.9         | 30-32              |
| BA 525                               | 10        | Hand              |                    | Sep.-Oct.            | 28.5-30          |                 | 4.4-4.8         | 28-30              |
| Gloria                               | 16        |                   |                    | Sep.-Nov.            | 29-31            |                 | 4.2-4.8         | 32-36              |
| DP 125                               | 9         |                   |                    | Sep.-Oct.            | 28-30            |                 | 4.2-5.0         | 29-32              |
| STV 468                              | 8         |                   |                    | Sep.-Oct.            | 28.5-30          |                 | 4.4-4.8         | 32-35              |
| DP 332                               | 7         |                   |                    | Sep.-Oct.            | 28-29            |                 | 4.5-5.0         | 32-34              |
| Others                               | 7         |                   |                    |                      |                  |                 |                 |                    |
| <u>Southeast Anatolia<br/>Region</u> |           | 65%               | Apr.-May           |                      |                  |                 |                 |                    |
| BA 119                               | 18        | Machine<br>/      |                    | Sep.-Oct.            | 29-31            |                 | 4.4-4.6         | 31-33              |
| BA 440                               | 12        | 35%               |                    | Sep.-Oct.            | 28-30            |                 | 4.6-4.8         | 31-33              |
| PG 2018                              | 3         | Hand              |                    | Sep.-Oct.            | 28-30            |                 | 4.6-4.8         | 31-33              |
| STV 468                              | 39        |                   |                    | Sep.-Oct.            | 28-30            |                 | 4.4-4.8         | 32-35              |
| Candia                               | 19        |                   |                    | Sep.-Nov.            | 29-31            |                 | 4.1-4.5         | 30-32              |
| Others                               | 9         |                   |                    |                      |                  |                 |                 |                    |
| <b>Turkmenistan</b>                  |           | Hand /<br>Machine | Apr.-May           | Sep.-Dec.            | mm (GOST)        | %               |                 | Pressley           |
| <u>Medium staple</u>                 | 85        |                   |                    |                      |                  |                 |                 |                    |
| Yoloten-7                            |           |                   |                    |                      | 33/34            |                 | 3.8-4.8         | 90.000             |
| S-2606                               |           |                   |                    |                      | 33/34            |                 | 3.8-4.8         | 90.000             |
| S-4727                               |           |                   |                    |                      | 31/32            |                 | 3.5-4.5         | 90.000             |
| 133                                  |           |                   |                    |                      | 33/34            |                 | 3.8-4.8         | 90.000             |
| Serdar                               |           |                   |                    |                      | 33/34            |                 | 3.8-4.8         | 90.000             |
| Ash-36 C                             |           |                   |                    |                      | 33/34            |                 | 3.8-4.8         | 90.000             |
| Dashoguz-120                         |           |                   |                    |                      | 33/34            |                 | 3.8-4.8         | 90.000             |
| 149-F                                |           |                   |                    |                      | 33/34            |                 | 3.8-4.8         | 90.000             |
| <u>Long staple</u>                   | 15        |                   |                    |                      | 40/41            |                 | 3.3-4.0         | 98-<br>110.000     |
| Yoloten-14<br>9871                   |           |                   |                    |                      |                  |                 |                 |                    |
| <b>Uganda</b>                        |           |                   |                    |                      | inch             | %               |                 | g/tex              |
| BPA                                  | 100       | Hand              | May-Aug.           | Oct.-Jan.            | 1.1/8-1.3/16     |                 | 3.7-4.3         | 27-33              |





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| Country<br>Varieties grown    | Area<br>%    | Har-<br>vesting | Planting<br>period | Harvesting<br>period | Staple<br>length | Uni-<br>formity | Micro-<br>naire | Bundle<br>strength |
|-------------------------------|--------------|-----------------|--------------------|----------------------|------------------|-----------------|-----------------|--------------------|
| <b><u>U.S.A. - Upland</u></b> | <b>100.0</b> | Machine         | Apr.-June          | Sep.-Dec.            | average<br>inch  | average<br>%    |                 | average<br>g/tex   |
| <b>Southeast</b>              | <b>20.5</b>  |                 |                    |                      |                  |                 |                 |                    |
| - Alabama                     |              |                 |                    |                      | 1.5/32           | 81.8            | 4.3             | 29.7               |
| DP 1646 B2XF                  | 29.5         |                 |                    |                      |                  |                 |                 |                    |
| Others                        | 70.5         |                 |                    |                      |                  |                 |                 |                    |
| - Florida                     |              |                 |                    |                      | 1.5/32-1.3/16    | 82.2            | 4.5             | 29.7               |
| DP 1646 B2XF                  | 20.3         |                 |                    |                      |                  |                 |                 |                    |
| PHY 444 WRF                   | 13.6         |                 |                    |                      |                  |                 |                 |                    |
| Others                        | 66.1         |                 |                    |                      |                  |                 |                 |                    |
| - Georgia                     |              |                 |                    |                      | 1.1/8-1.5/32     | 81.8            | 4.4             | 29.2               |
| DP 1646 B2XF                  | 40.4         |                 |                    |                      |                  |                 |                 |                    |
| PHY 444 WRF                   | 13.1         |                 |                    |                      |                  |                 |                 |                    |
| NG 5007 B2XF                  | 10.6         |                 |                    |                      |                  |                 |                 |                    |
| Others                        | 35.9         |                 |                    |                      |                  |                 |                 |                    |
| - North Carolina              |              |                 |                    |                      | 1.1/8-1.5/32     | 81.9            | 4.6             | 30.5               |
| DP 1646 B2XF                  | 14.8         |                 |                    |                      |                  |                 |                 |                    |
| ST 4946 GLB2                  | 10.8         |                 |                    |                      |                  |                 |                 |                    |
| Others                        | 74.4         |                 |                    |                      |                  |                 |                 |                    |
| - South Carolina              |              |                 |                    |                      | 1.1/8-1.5/32     | 81.7            | 4.5             | 29.7               |
| DP 1646 B2XF                  | 35.5         |                 |                    |                      |                  |                 |                 |                    |
| DP 1538 B2XF                  | 14.1         |                 |                    |                      |                  |                 |                 |                    |
| NG 5007 B2XF                  | 12.4         |                 |                    |                      |                  |                 |                 |                    |
| Others                        | 38.0         |                 |                    |                      |                  |                 |                 |                    |
| - Virginia                    |              |                 |                    |                      | 1.1/8-1.5/32     | 82.0            | 4.5             | 30.2               |
| PHY 333 WRF                   | 24.2         |                 |                    |                      |                  |                 |                 |                    |
| NG 3522 B2XF                  | 10.9         |                 |                    |                      |                  |                 |                 |                    |
| Others                        | 64.9         |                 |                    |                      |                  |                 |                 |                    |
| <b>Mid-South</b>              | <b>15.7</b>  | Machine         | Apr.-June          | Sep.-Dec.            |                  |                 |                 |                    |
| - Arkansas                    |              |                 |                    |                      | 1.5/32-1.3/16    | 82.1            | 4.3             | 30.8               |
| DP 1518 B2XF                  | 50.2         |                 |                    |                      |                  |                 |                 |                    |
| PHY 312 WRF                   | 11.5         |                 |                    |                      |                  |                 |                 |                    |
| Others                        | 38.3         |                 |                    |                      |                  |                 |                 |                    |
| - Louisiana                   |              |                 |                    |                      | 1.5/32-1.3/16    | 81.5            | 4.5             | 31.4               |
| DP 1555 B2RF                  | 22.9         |                 |                    |                      |                  |                 |                 |                    |
| DP 1646 B2RF                  | 13.6         |                 |                    |                      |                  |                 |                 |                    |
| Others                        | 63.5         |                 |                    |                      |                  |                 |                 |                    |
| - Mississippi                 |              |                 |                    |                      | 1.5/32-1.3/16    | 81.9            | 4.3             | 31.6               |
| DP 1646 B2XF                  | 34.6         |                 |                    |                      |                  |                 |                 |                    |
| DP 1522 B2XF                  | 16.9         |                 |                    |                      |                  |                 |                 |                    |
| DP 1518 B2XF                  | 16.8         |                 |                    |                      |                  |                 |                 |                    |
| Others                        | 31.7         |                 |                    |                      |                  |                 |                 |                    |
| - Missouri                    |              |                 |                    |                      | 1.5/32-1.3/16    | 82.5            | 4.4             | 30.5               |
| DG 3385 B2XF                  | 25.0         |                 |                    |                      |                  |                 |                 |                    |
| DP 1518 B2XF                  | 19.0         |                 |                    |                      |                  |                 |                 |                    |
| NG 3406 B2XF                  | 18.8         |                 |                    |                      |                  |                 |                 |                    |
| DP 1522 B2XF                  | 14.6         |                 |                    |                      |                  |                 |                 |                    |
| Others                        | 22.6         |                 |                    |                      |                  |                 |                 |                    |
| - Tennessee                   |              |                 |                    |                      | 1.5/32-1.3/16    | 82.3            | 4.5             | 30.5               |
| DP 1522 B2XF                  | 23.5         |                 |                    |                      |                  |                 |                 |                    |
| DP 1518 B2XF                  | 20.9         |                 |                    |                      |                  |                 |                 |                    |
| NG 3406 B2XF                  | 17.2         |                 |                    |                      |                  |                 |                 |                    |
| Others                        | 38.4         |                 |                    |                      |                  |                 |                 |                    |

| Country<br>Varieties grown    | Area<br>%    | Har-<br>vesting | Planting<br>period | Harvesting<br>period | Staple<br>length | Uni-<br>formity | Micro-<br>naire | Bundle<br>strength |
|-------------------------------|--------------|-----------------|--------------------|----------------------|------------------|-----------------|-----------------|--------------------|
| <b>U.S.A. - Upland cont'd</b> |              |                 |                    |                      | average<br>inch  | average<br>%    |                 | average<br>g/tex   |
| <b>Southwest</b>              | <b>61.2</b>  | Machine         | Mar.-Apr.          | Sep.-Dec.            |                  |                 |                 |                    |
| - Kansas                      |              |                 |                    |                      | 1.3/32-1.1/8     | 80.3            | 3.6             | 29.5               |
| NG 3406 B2XF                  | 46.1         |                 |                    |                      |                  |                 |                 |                    |
| PHY 490 W3FE                  | 17.0         |                 |                    |                      |                  |                 |                 |                    |
| DP 1522 B2XF                  | 10.9         |                 |                    |                      |                  |                 |                 |                    |
| Others                        | 26.0         |                 |                    |                      |                  |                 |                 |                    |
| - Oklahoma                    |              |                 |                    |                      | 1.1/8-1.5/32     | 81.1            | 4.2             | 30.3               |
| DP 1646 B2XF                  | 33.1         |                 |                    |                      |                  |                 |                 |                    |
| NG 3406 B2XF                  | 12.7         |                 |                    |                      |                  |                 |                 |                    |
| DP 1518 B2XF                  | 12.7         |                 |                    |                      |                  |                 |                 |                    |
| DG 3385 B2XF                  | 10.3         |                 |                    |                      |                  |                 |                 |                    |
| DP 1522 B2XF                  | 10.3         |                 |                    |                      |                  |                 |                 |                    |
| Others                        | 20.9         |                 |                    |                      |                  |                 |                 |                    |
| - Texas                       |              |                 |                    |                      | 1.3/32-1.1/8     | 80.0            | 3.8             | 29.5               |
| NG 3406 B2XF                  | 16.5         |                 |                    |                      |                  |                 |                 |                    |
| Others                        | 83.5         |                 |                    |                      |                  |                 |                 |                    |
| <b>West</b>                   | <b>2.6</b>   | Machine         | Apr.-June          | Sep.-Dec.            |                  |                 |                 |                    |
| - Arizona                     |              |                 |                    |                      | 1.5/32           | 81.0            | 4.4             | 31.5               |
| FM 1830 GLT                   | 25.4         |                 |                    |                      |                  |                 |                 |                    |
| DP 1044 B2RF                  | 21.9         |                 |                    |                      |                  |                 |                 |                    |
| Others                        | 52.7         |                 |                    |                      |                  |                 |                 |                    |
| - California                  |              |                 |                    |                      | 1.5/32-1.3/16    | 82.1            | 4.3             | 34.7               |
| PHY 764 WRF                   | 39.7         |                 |                    |                      |                  |                 |                 |                    |
| FM 1830 GLT                   | 12.6         |                 |                    |                      |                  |                 |                 |                    |
| Acala Daytona RF              | 10.4         |                 |                    |                      |                  |                 |                 |                    |
| Others                        | 37.3         |                 |                    |                      |                  |                 |                 |                    |
| - New Mexico                  |              |                 |                    |                      | 1.5/32           | 80.7            | 3.9             | 29.7               |
| FM 1740 B2F                   | 35.1         |                 |                    |                      |                  |                 |                 |                    |
| FM 1911 GLT                   | 14.3         |                 |                    |                      |                  |                 |                 |                    |
| Others                        | 50.6         |                 |                    |                      |                  |                 |                 |                    |
| <b>American Pima</b>          | <b>100.0</b> | Machine         | Apr.-June          | Sep.-Dec.            |                  |                 |                 |                    |
| - Arizona                     | <b>6.1</b>   |                 |                    |                      | 1.1/2-1.17/32    |                 | 3.8             | 42.4               |
| DP 348 RF Pima                | 33.6         |                 |                    |                      |                  |                 |                 |                    |
| PHY 881 RF                    | 27.8         |                 |                    |                      |                  |                 |                 |                    |
| PHY 841 RF                    | 15.3         |                 |                    |                      |                  |                 |                 |                    |
| PHY 805 RF                    | 11.9         |                 |                    |                      |                  |                 |                 |                    |
| Others                        | 11.4         |                 |                    |                      |                  |                 |                 |                    |
| - California                  | <b>85.0</b>  |                 |                    |                      | 1.17/32-1.9/16   |                 | 4.2             | 43.7               |
| PHY 881 RF                    | 45.1         |                 |                    |                      |                  |                 |                 |                    |
| PHY 841 RF                    | 17.5         |                 |                    |                      |                  |                 |                 |                    |
| HA 1432                       | 11.5         |                 |                    |                      |                  |                 |                 |                    |
| Others                        | 25.9         |                 |                    |                      |                  |                 |                 |                    |
| - New Mexico                  | <b>3.2</b>   |                 |                    |                      | 1.1/2            |                 | 4.0             | 42.2               |
| Others                        | N.A.         |                 |                    |                      |                  |                 |                 |                    |
| - Texas                       | <b>5.7</b>   |                 |                    |                      | 1.15/32-1.1/2    |                 | 4.1             | 42.5               |
| PHY 881 RF                    | 27.1         |                 |                    |                      |                  |                 |                 |                    |
| PHY 841 RF                    | 19.4         |                 |                    |                      |                  |                 |                 |                    |
| DP 348 RF Pima                | 17.0         |                 |                    |                      |                  |                 |                 |                    |
| PHY 805 RF                    | 16.3         |                 |                    |                      |                  |                 |                 |                    |
| PHY 888 RF                    | 15.5         |                 |                    |                      |                  |                 |                 |                    |
| Others                        | 4.7          |                 |                    |                      |                  |                 |                 |                    |





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| Country<br>Varieties grown | Area<br>% | Har-<br>vesting                   | Planting<br>period | Harvesting<br>period | Staple<br>length | Uni-<br>formity | Micro-<br>naire | Bundle<br>strength |
|----------------------------|-----------|-----------------------------------|--------------------|----------------------|------------------|-----------------|-----------------|--------------------|
| <b>Uzbekistan</b>          |           | 80 %<br>Hand /<br>20 %<br>Machine | Mar.-Apr.          | Sep.-Oct.            | HVI inch         | %               |                 | g/tex              |
| An-Bayont                  |           |                                   |                    |                      | 1.11             | 82.5            | 4.7             | 30.4               |
| Bukhara-6                  |           |                                   |                    |                      | 1.13             | 82.8            | 4.5             | 30.4               |
| Mekhnat                    |           |                                   |                    |                      | 1.13             | 83.3            | 4.6             | 33.8               |
| Namangan-77                |           |                                   |                    |                      | 1.11             | 83.3            | 4.6             | 31.1               |
| Omad-27                    |           |                                   |                    |                      | 1.14             | 83.1            | 4.5             | 33.1               |
| C-6524                     |           |                                   |                    |                      | 1.12             | 83.4            | 4.7             | 32.4               |
| Khorezm-127                |           |                                   |                    |                      | 1.13             | 83.4            | 4.8             | 34.3               |
| Sulton                     |           |                                   |                    |                      | 1.11             | 83.2            | 4.7             | 31.7               |
| Kupaysin                   |           |                                   |                    |                      | 1.14             | 82.8            | 4.7             | 31.7               |
| Khorezm-150                |           |                                   |                    |                      | 1.13             | 83.3            | 4.7             | 34.2               |
| Bukhara-102                |           |                                   |                    |                      | 1.13             | 82.9            | 4.5             | 31.2               |
| Bukhara-8                  |           |                                   |                    |                      | 1.13             | 82.8            | 4.5             | 30.7               |
| Andijan-35                 |           |                                   |                    |                      | 1.11             | 83.4            | 4.8             | 32.1               |
| Porlok-1                   |           |                                   |                    |                      | 1.14             | 82.8            | 4.6             | 32.1               |
| Porlok-2                   |           |                                   |                    |                      | 1.16             | 83.1            | 4.6             | 31.8               |
| C-8286                     |           |                                   |                    |                      | 1.12             | 84.4            | 4.8             | 35.1               |
| <b>Vietnam</b>             |           | Hand                              |                    |                      | mm               | %               |                 | g/tex              |
| <u>Gossyp. hirsutum</u>    |           |                                   |                    |                      |                  |                 |                 |                    |
| VN 01-2                    |           |                                   | Dec.-Jan.          | Apr.-May             | 30               |                 | 4.1             | 27                 |
| VN35KS                     |           |                                   | Dec.-Jan.          | Apr.-May             | 29               |                 | 4.3             | 27                 |
| VN 04-3                    |           |                                   | July-Aug.          | Dec.-Jan.            | 31               |                 | 4.2             | 28                 |
| VN 04-4                    |           |                                   | July-Aug.          | Dec.-Jan.            | 32               |                 | 4.3             | 28                 |
| <b>Zambia</b>              |           | Hand                              | Nov.-Dec.          | May-July             | mm               | %               |                 | g/tex              |
| Chureza                    | 45        |                                   |                    |                      | 29-30            | 87              | 3.9-4.0         | 30-32              |
| CDT II                     | 35        |                                   |                    |                      | 29-30            | 86              | 3.9-4.5         | 30-32              |
| CDT V                      | 20        |                                   |                    |                      | 29-30            | 85              | 3.9-4.2         | 30-32              |
| <b>Zimbabwe</b>            |           | Hand                              | Oct.-Dec.          | Apr.-Aug.            | inch             | %               |                 | g/tex              |
| Albar                      | 100       |                                   |                    |                      | 1.3/32-1.5/32    |                 | 3.5-4.9         | 28-31              |





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|                   | inches   | 32nds | decimals | USDA<br>Upland<br>HVI length | USDA<br>Am. Pima<br>HVI length | mm    | mm GOST |
|-------------------|----------|-------|----------|------------------------------|--------------------------------|-------|---------|
| <b>short</b>      | 13/16"   | 26    | 0.8125   | 0.80 - 0.85                  |                                | 20.64 |         |
|                   | 27/32"   | 27    | 0.84375  |                              |                                | 21.43 |         |
|                   | 7/8"     | 28    | 0.875    | 0.86 - 0.89                  |                                | 22.23 | 24/25   |
|                   | 29/32"   | 29    | 0.90625  | 0.90 - 0.92                  |                                | 23.02 | 25/26   |
|                   | 15/16"   | 30    | 0.9375   | 0.93 - 0.95                  |                                | 23.81 | 26/27   |
|                   | 31/32"   | 31    | 0.96875  | 0.96 - 0.98                  |                                | 24.61 | 27/28   |
| <b>medium</b>     | 1"       | 32    | 1.0      | 0.99 - 1.01                  |                                | 25.40 | 28/29   |
|                   | 1. 1/32" | 33    | 1.03125  | 1.02 - 1.04                  |                                | 26.19 | 30/31   |
|                   | 1. 1/16" | 34    | 1.0625   | 1.05 - 1.07                  |                                | 26.99 | 31/32   |
|                   | 1. 3/32" | 35    | 1.09375  | 1.08 - 1.10                  |                                | 27.78 | 32/33   |
|                   | 1. 1/8"  | 36    | 1.125    | 1.11 - 1.13                  |                                | 28.58 | 33/34   |
| <b>medium</b>     | 1. 5/32" | 37    | 1.15625  | 1.14 - 1.17                  |                                | 29.37 | 34/35   |
| <b>to long</b>    | 1. 3/16" | 38    | 1.1875   | 1.18 - 1.20                  |                                | 30.16 | 35/36   |
|                   | 1. 7/32" | 39    | 1.21875  | 1.21 - 1.23                  |                                | 30.96 | 36/37   |
| <b>long</b>       | 1. 1/4"  | 40    | 1.25     | 1.24 - 1.26                  | -1.20                          | 31.75 | 36/37   |
|                   | 1. 9/32" | 41    | 1.28125  | 1.27 - 1.29                  |                                | 32.54 | 37/38   |
|                   | 1. 5/16" | 42    | 1.3125   | 1.30 - 1.32                  | 1.21 - 1.25                    | 33.34 | 38/39   |
|                   | 1.11/32" | 43    | 1.34375  | 1.33 - 1.35                  |                                | 34.13 |         |
|                   | 1. 3/8"  | 44    | 1.375    | 1.36                         | 1.26 - 1.31                    | 34.93 | 39/40   |
|                   | 1.13/32" | 45    | 1.40625  |                              |                                | 35.72 |         |
| <b>extra long</b> | 1. 7/16" | 46    | 1.4375   |                              | 1.32 - 1.36                    | 36.51 | 40/41   |
|                   | 1.15/32" | 47    | 1.46875  |                              |                                | 37.31 |         |
|                   | 1. 1/2"  | 48    | 1.5      |                              | 1.37 - 1.42                    | 38.10 | 41/42   |
|                   | 1.17/32" | 49    | 1.53125  |                              |                                | 38.89 |         |
|                   | 1. 9/16" | 50    | 1.5625   |                              | 1.43 - 1.47                    | 39.69 |         |
|                   | 1.19/32" | 51    | 1.59375  |                              |                                | 40.48 |         |
|                   | 1. 5/8"  | 52    | 1.625    |                              | 1.48 +                         | 41.28 |         |
|                   | 1.21/32" | 53    | 1.65625  |                              |                                | 42.07 |         |
|                   | 1.11/16" | 54    | 1.6875   |                              |                                | 42.86 |         |
|                   | 1.23/32" | 55    | 1.71875  |                              |                                | 43.66 |         |
|                   | 1. 3/4"  | 56    | 1.75     |                              |                                | 44.45 |         |



## Units of Length

| units  | inches  | feet     | yards    | miles | cms      | mm      | 32nds   |
|--------|---------|----------|----------|-------|----------|---------|---------|
| 1 inch | 1       | 0.083333 | -        | -     | 2.54     | 25.4    | 32      |
| 1 foot | 12      | 1        | 0.333333 | -     | 30.48    | 304,8   | -       |
| 1 yard | 36      | 3        | 1        | -     | 91.44    | -       | -       |
| 1 mile | -       | 5280     | 1760     | 1     | -        | -       | -       |
| 1 m    | 39.37   | 3.2808   | 1.0936   | -     | 100      | 1000    | -       |
| 1 cm   | 0.3937  | 0.032808 | -        | -     | 1        | 10      | 12.5984 |
| 1 mm   | 0.03937 | -        | -        | -     | 0.1      | 1       | 1.25984 |
| 32nds  | 0.03125 | -        | -        | -     | 0.079375 | 0.79375 | 1       |

## Units of Area

| units       | acres       | hectares   | feddans  | mu       | sq. meters | sq. miles    |
|-------------|-------------|------------|----------|----------|------------|--------------|
| 1 acre      | 1           | 0.404686   | 0.96334  | 6.071645 | 4046.856   | 0.0015625    |
| 1 bigha     | 2.5         | -          | -        | -        | -          | -            |
| 1 dunams    | 0.2471      | 0.1        | -        | -        | -          | -            |
| 1 hectare   | 2.471054    | 1          | 2.38047  | 15       | 10000      | 0.003861022  |
| 1 feddan    | 1.03805     | 0.420085   | 1        | -        | 4200.856   | 0.0016219    |
| 1 manzana   | 1.72        | 0.696      | -        | -        | -          | -            |
| 1 mu        | 0.1647      | 0,0667     | -        | 1        | -          | -            |
| 1 sq. meter | 0.000247105 | 0.0001     | 0.000238 | -        | 1          | 0.0000003861 |
| 1 sq. mile  | 640         | 258.998811 | 616.5608 | -        | 2589988.11 | 1            |
| 1 strema    | 0.2471      | 0.1        | 0.238047 | -        | 100        | 0.0003861022 |



## Units of Weight

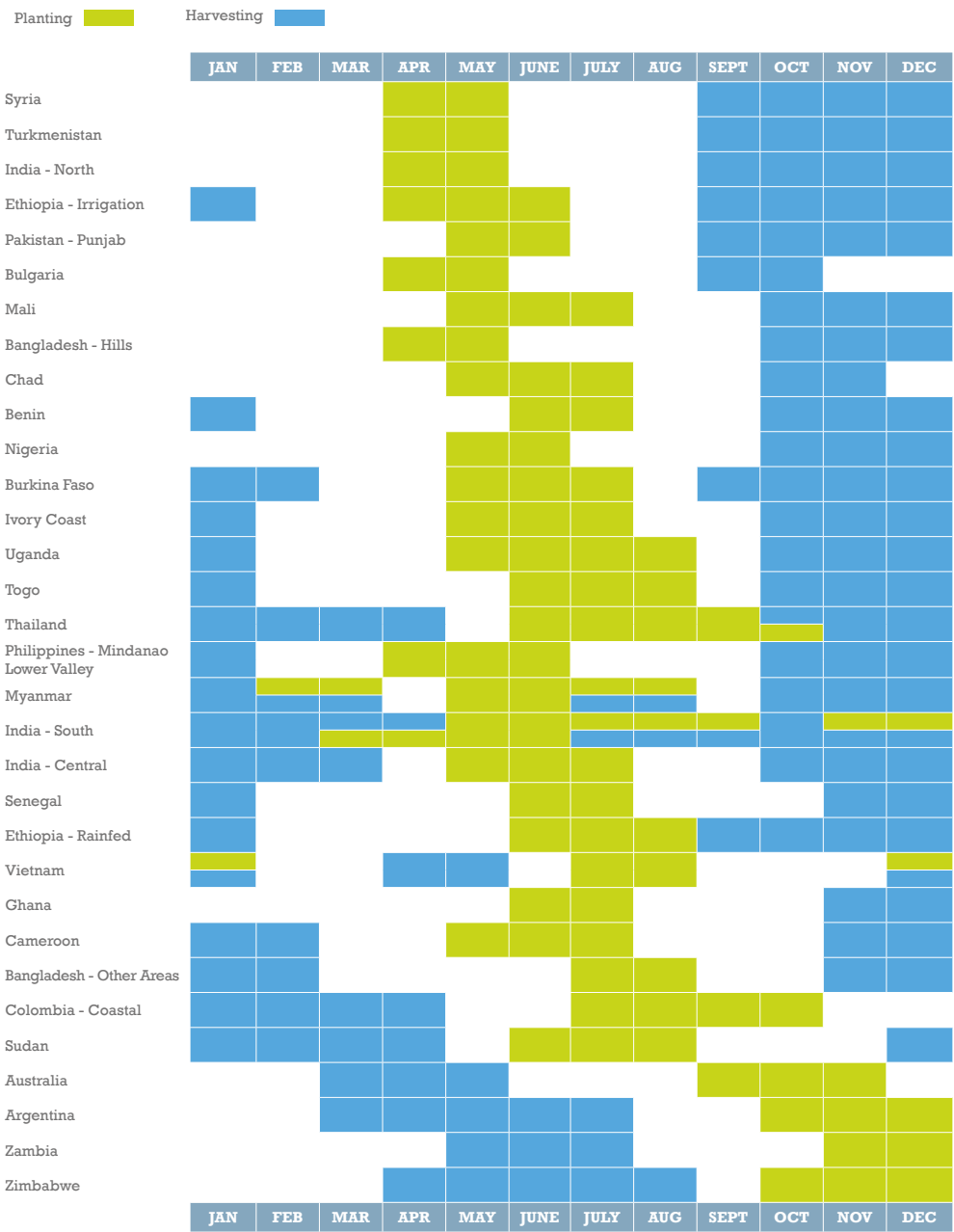
| units                   | pounds / lb | kilograms  | 480 lbs bale |
|-------------------------|-------------|------------|--------------|
| 1 metric ton            | 2204.623    | 1000       | 4.593        |
| 1 long ton              | 2240        | 1016.04691 |              |
| 1 short ton             | 2000        | 907.18474  |              |
| 1 pound / lb            |             | 0.4536     |              |
| 1 kilogram              | 2.2046      | -          |              |
| 1 metric cantar (Egypt) | 110.23      | 50         | 0.2296       |
| 1 cantar (Sudan)        | 99.0493     | 44.93      | 0.20635      |
| 1 candy (India)         | 784         | 355.616    | 1.6333       |
| 1 maund (Pakistan)      | 82.286      | 37.3242    | 0.1714       |
| 1 arroba (Brazil)       | 33.069      | 15         | 0.0689       |
| 1 centner (Europe)      | 110.23      | 50         |              |
| 1 centner (Russia)      | 220.46      | 100        | 0.4593       |
| 1 picul (China)         | 110.23      | 50         | 0.2296       |
| 1 jin (China)           |             | 0.5        |              |
| 1 dan (China)           | 110.23      | 50         | 0.2296       |
| 1 quintal (Argentina)   | 101.3       | 45.95      |              |
| 1 quintal (Mexico)      | 101.47      | 46.026     |              |
| 1 quintal (Peru)        | 101.41      | 46         | 0.2213       |
| 1 quintal (India)       | 220.46      | 100        |              |
| 1 lakh                  | 220460      | 100000     |              |
| 1 crore                 | 22046000    | 10000000   | 100 lakh     |



# Planting and Harvesting Times



# Planting and Harvesting Times



|              | Organic***        |                    | CmiA*             |                    | BCI*              |                    | Bayer's e3        |                    | Fairtrade         |                    |
|--------------|-------------------|--------------------|-------------------|--------------------|-------------------|--------------------|-------------------|--------------------|-------------------|--------------------|
|              | Planted Area (ha) | Pro-duction (tons) | Planted Area (ha) | Pro-duction (tons) | Planted Area (ha) | Pro-duction (tons) | Planted Area (ha) | Pro-duction (tons) | Planted Area (ha) | Pro-duction (tons) |
| Argentina    |                   |                    |                   |                    |                   |                    |                   |                    |                   |                    |
| Australia    |                   |                    |                   |                    | 27,000            | 54,000             |                   |                    |                   |                    |
| Benin        | 2,065             | 377                |                   |                    |                   |                    |                   |                    | 510               | 55                 |
| Brazil       | 160               | 22                 |                   |                    | 558,000           | 768,000            |                   |                    |                   |                    |
| Burkina Faso | 4,928             | 1,067              |                   |                    |                   |                    |                   |                    | 5,780             | 757                |
| China        | 6,742             | 13,145             |                   |                    | 54,500            | 121,000            |                   |                    |                   |                    |
| Colombia     | 18                | 1                  |                   |                    |                   |                    |                   |                    |                   |                    |
| Egypt        | 1,222             | 2,150              |                   |                    |                   |                    |                   |                    | 388               | 165                |
| Ethiopia     | 800               | 145                |                   |                    |                   |                    |                   |                    |                   |                    |
| India        | 148,105           | 75,251             |                   |                    | 456,000           | 283,000            |                   |                    | 46,322            | 13,086             |
| Israel       | 100               | 14                 |                   |                    |                   |                    |                   |                    |                   |                    |
| Kyrgyzstan   | 5,136             | 5,543              |                   |                    |                   |                    |                   |                    | 664               | 335                |
| Malawi       |                   |                    |                   |                    |                   |                    |                   |                    | 2,691             | 553                |
| Madagascar   | 27                | 5                  |                   |                    |                   |                    |                   |                    |                   |                    |
| Mali         | 2,691             | 526                |                   |                    | 80,000            | 35,000             |                   |                    |                   |                    |
| Mozambique   |                   |                    |                   |                    | 52,600            | 9,500              |                   |                    |                   |                    |
| Pakistan     |                   |                    |                   |                    | 353,000           | 310,000            |                   |                    |                   |                    |
| Paraguay     |                   |                    |                   |                    |                   |                    |                   |                    | 4,710             | 632                |
| Peru         | 661               | 553                |                   |                    |                   |                    |                   |                    |                   |                    |
| Senegal      | 92                | 13                 |                   |                    | 3,000             | 1,200              |                   |                    |                   |                    |
| South Africa |                   |                    |                   |                    |                   |                    |                   |                    |                   |                    |
| Tajikistan   | 3,800             | 1,000              |                   |                    | 8,000             | 7,000              |                   |                    |                   |                    |
| Thailand     |                   |                    |                   |                    |                   |                    |                   |                    |                   |                    |
| Tanzania     | 16,816            | 2,146              |                   |                    |                   |                    |                   |                    |                   |                    |
| Turkey**     | 3,718             | 7,304              |                   |                    | 13,000            | 23,000             |                   |                    |                   |                    |
| Uganda       | 6,187             | 795                |                   |                    |                   |                    |                   |                    |                   |                    |
| USA          | 7,936             | 2,432              |                   |                    | 7,400             | 12,000             | 308,000           | 345,673            |                   |                    |
| <b>Total</b> | <b>211,204</b>    | <b>112,489</b>     | <b>1,108,777</b>  | <b>399,808</b>     | <b>2,584,500</b>  | <b>1,969,700</b>   | <b>308,000</b>    | <b>345,673</b>     | <b>61,065</b>     | <b>15,583</b>      |

|                           |         |                                                                                                 |                                                                 |                                                               |                                                                   |
|---------------------------|---------|-------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|---------------------------------------------------------------|-------------------------------------------------------------------|
| Cotton Identity Programme | Organic | Cotton made in Africa                                                                           | Better Cotton Initiative                                        | Bayer's e3                                                    | Fairtrade                                                         |
| Website                   |         | <a href="http://www.cotton-made-in-africa.com/en/">http://www.cotton-made-in-africa.com/en/</a> | <a href="http://bettercotton.org/">http://bettercotton.org/</a> | <a href="http://www.e3cotton.us/">http://www.e3cotton.us/</a> | <a href="http://www.fairtrade.net/">http://www.fairtrade.net/</a> |

\* Production under Benchmarked Partners

\*\* Established in 2013, the Good Cotton Practices Association (IPUD) is the organisation responsible for the implementation of Better Cotton Standard System and the production of Better Cotton in Turkey.

\*\*\* Organic production reported by TEXTILE EXCHANGE

\*\*\*\* Source: giz, Feb. 7, 2018

Source: ICAC, September 2017 (except for Fairtrade 2015/16)

|              | Organic***        |                    | CmiA*             |                    | BCI*              |                    | Bayer's e3        |                    | Fairtrade****     |                    |
|--------------|-------------------|--------------------|-------------------|--------------------|-------------------|--------------------|-------------------|--------------------|-------------------|--------------------|
|              | Planted Area (ha) | Pro-duction (tons) | Planted Area (ha) | Pro-duction (tons) | Planted Area (ha) | Pro-duction (tons) | Planted Area (ha) | Pro-duction (tons) | Planted Area (ha) | Pro-duction (tons) |
| Argentina    |                   | 1                  |                   |                    |                   |                    |                   |                    |                   |                    |
| Australia    |                   |                    |                   |                    | 27,000            | 52,000             |                   |                    |                   |                    |
| Benin        |                   | 407                |                   |                    |                   |                    |                   |                    |                   |                    |
| Brazil       |                   | 17                 |                   |                    | 607,000           | 832,000            |                   |                    |                   |                    |
| Burkina Faso |                   | 469                |                   |                    |                   |                    |                   |                    |                   |                    |
| China        |                   | 14,817             |                   |                    | 246,000           | 415,000            |                   |                    |                   |                    |
| Colombia     |                   |                    |                   |                    |                   |                    |                   |                    |                   |                    |
| Egypt        |                   | 1,023              |                   |                    |                   |                    |                   |                    |                   |                    |
| Ethiopia     |                   |                    |                   |                    |                   |                    |                   |                    |                   |                    |
| India        |                   | 60,184             |                   |                    | 638,000           | 373,000            |                   |                    |                   |                    |
| Israel       |                   | 14                 |                   |                    | 10,000            | 19,000             |                   |                    |                   |                    |
| Kyrgyzstan   |                   | 7,981              |                   |                    |                   |                    |                   |                    |                   |                    |
| Malawi       |                   |                    |                   |                    |                   |                    |                   |                    |                   |                    |
| Madagascar   |                   |                    |                   |                    | 2,000             | 1,000              |                   |                    |                   |                    |
| Mali         |                   | 136                |                   |                    | 138,000           | 56,000             |                   |                    |                   |                    |
| Mozambique   |                   |                    |                   |                    | 89,000            | 16,000             |                   |                    |                   |                    |
| Pakistan     |                   | 366                |                   |                    | 498,000           | 352,000            |                   |                    |                   |                    |
| Paraguay     |                   |                    |                   |                    |                   |                    |                   |                    |                   |                    |
| Peru         |                   | 312                |                   |                    |                   |                    |                   |                    |                   |                    |
| Senegal      |                   | 1                  |                   |                    | 6,000             | 1,000              |                   |                    |                   |                    |
| South Africa |                   |                    |                   |                    | 2,000             | 1,000              |                   |                    |                   |                    |
| Tajikistan   |                   | 6,620              |                   |                    | 12,000            | 11,000             |                   |                    |                   |                    |
| Thailand     |                   | 3                  |                   |                    |                   |                    |                   |                    |                   |                    |
| Tanzania     |                   | 3,229              |                   |                    |                   |                    |                   |                    |                   |                    |
| Turkey**     |                   | 7,577              |                   |                    | 13,000            | 23,000             |                   |                    |                   |                    |
| Uganda       |                   | 300                |                   |                    |                   |                    |                   |                    |                   |                    |
| USA          |                   | 4,524              |                   |                    | 25,000            | 34,000             | 343,982           | 578,000            |                   |                    |
| <b>Total</b> | <b>-</b>          | <b>107,981</b>     | <b>1,182,000</b>  | <b>320,100</b>     | <b>3,491,263</b>  | <b>2,504,613</b>   | <b>343,982</b>    | <b>578,000</b>     | <b>34,800</b>     | <b>16,640</b>      |

|                                |                  |                       |                          |                  |                         |
|--------------------------------|------------------|-----------------------|--------------------------|------------------|-------------------------|
| Cotton Identity Programme      | Organic          | Cotton made in Africa | Better Cotton Initiative | Bayer's e3       | Fairtrade               |
| Geographical Focus             | Global           | Africa                | Global                   | USA              | Developing Countries    |
| Year Started                   | 1989             | 2005                  | 2005                     | 2013             | 2004                    |
| Programme specific to cotton   | No               | Yes                   | Yes                      | Yes              | Yes                     |
| Price paid to cotton producers | No minimum price | No minimum price      | No minimum price         | No minimum price | Minimum price + premium |
| Seeds allowed                  | Conventional     | Conventional          | Conventional/Biotech     | Bayer            | Conventional            |



## Disclaimer

We would like to thank all the authorities, organisations, companies, advisors and friends who assisted in the compilation of data for this booklet. For some countries, we did not receive new data so we have updated the information to the best of our knowledge.

The information is taken from sources which we believe to be reliable but is not guaranteed by us to accuracy or completeness and no representation, warrant or guarantee as to the accuracy thereof is made. Compilation of data terminated in January 2018.

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