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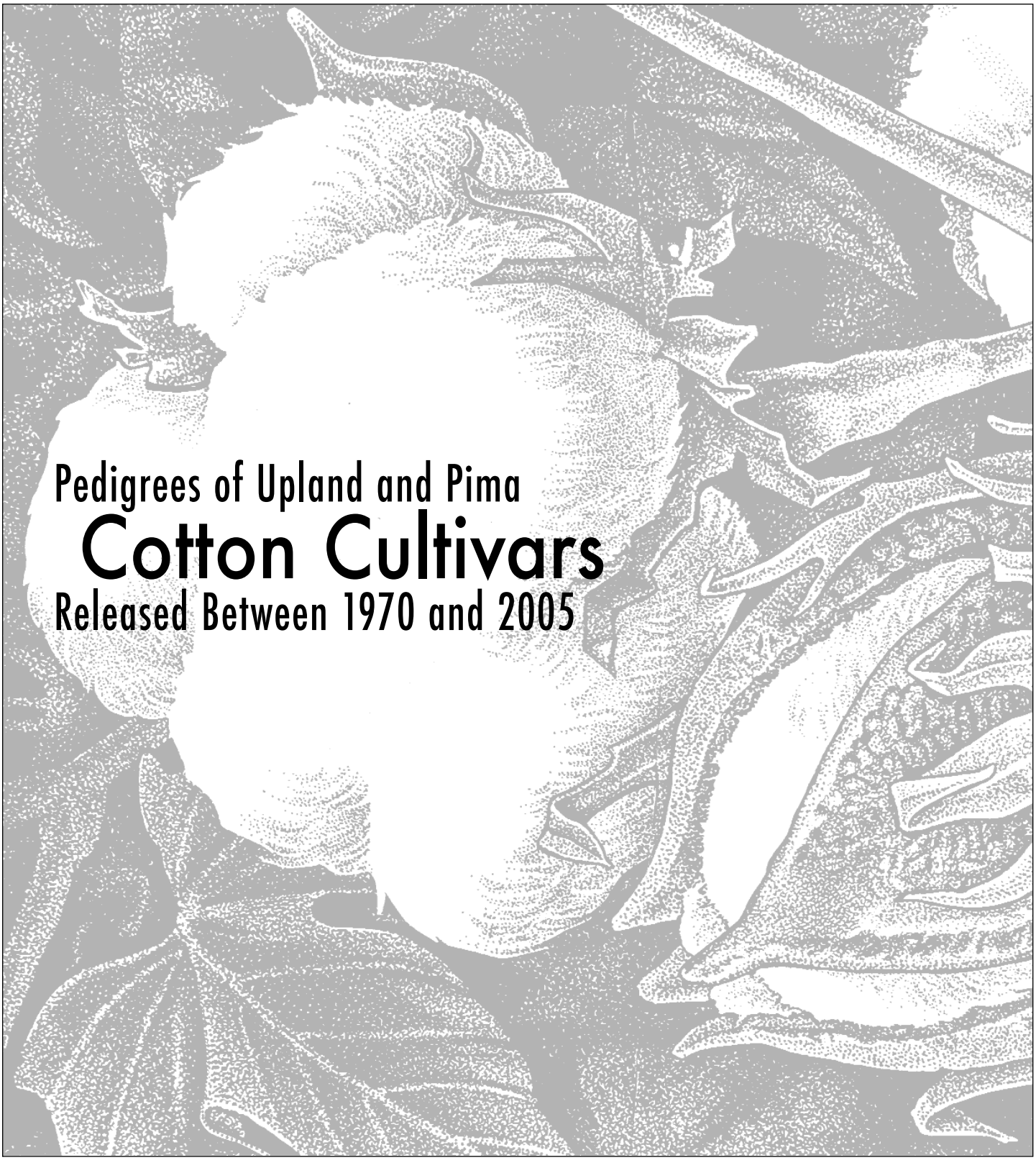

# Pedigrees of Upland and Pima Cotton Cultivars Released Between 1970 and 2005

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# Pedigrees of Upland and Pima Cotton Cultivars Released Between 1970 and 2005

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## Introduction

This bulletin is an update of two previous bulletins covering the periods 1970 to 1990 (Calhoun et al. 1994) and 1970 to 1995 (Calhoun et al. 1997). Pedigrees added since the last bulletin include 283 new upland cultivars and 10 new pima cultivars. Pedigrees of cotton cultivars released between 1970 and 2005 are available in this bulletin as one collection. Cultivar parentage information is useful to geneticists, applied plant breeders, and public policy makers. Geneticists can use pedigree information to estimate genetic distance among cultivars (Bowman et al. 1997), to evaluate the contribution of various genetic pools to current cultivars (Bowman et al. 1996), to monitor changes in genetic vulnerability over time (Van Esbroeck et al. 1998) or over changes in genetic makeup of commercial cultivars (Bowman et al. 2003), and to ascertain the importance of genetic diversity to cultivar improvement (Van Esbroeck and Bowman 1998). Applied breeders can use this information to identify parents that are genetically dissimilar and thus have the potential to generate new variability for future crop improvement. Breeders can also identify genetic pools that have been proven valuable or have been neglected in the past. If analysis of pedigree information indicates that a large proportion of the current cultivars are closely related, public policy makers can be made aware of the potential genetic vulnerability in the crop and the need to expand the genetic base (May et al. 1995). This information can also be used to illustrate the contribution of various breeding programs to elite commercial cultivars. Cultivar pedigree information can highlight the contribution of, and justify funding for, programs aimed at long-term germplasm improvement rather than the development of germplasm with immediate commercial application.

Ware (1950) traced the origin of virtually all cotton (*Gossypium hirsutum* L.) cultivars in use at that time, but his publication is now difficult to obtain and not well known. Ramey (1966) drew on information from Ware (1950) and elsewhere to provide a fairly complete description of pedigrees of major cotton cultivars released prior to 1966. Turner (1952) documented the breeding history of early strains and cultivars from the Georgia Agricultural Experiment Station. Staten (1971) traced the history of the New Mexico Acala breeding program, including pedigree information on important Acala cultivars and breeding lines, and Turner (1974) provided similar information on the California Acalas. Culp and Harrell (1974) documented the development of germplasm from the Pee Dee Research Station in South Carolina. However, a single source of pedigree information on modern cotton cultivars is not available. It is important to have this information periodically documented to ensure that as much of the available information as possible is accessible to as wide an audience as possible.

The Crop Science Society of America maintains a permanent, but voluntary, registry of cultivars as well as germplasm lines; however, not all cultivar originators choose to register their products. With the enactment of the Plant Variety Protection Act, the breeding history of cultivars covered by the Act must be documented. While information submitted as part of the application for plant variety protection is in the public domain, it is not readily or freely (i.e., without charge) accessible. In addition, not all originators of cultivars seek protection under the Plant Variety Protection Act, and those who do are not required to give complete pedigree histories of breeding lines that went into the cultivar being protected. As a result, much of the information on cotton cultivar pedigrees is limited to impermanent memoranda of release notices or remains publicly unavailable in the personal files of various breeders. Much information has already been lost.

The principal sources of information used to determine the cultivars released between 1970 and 2005 were

(1) records from the Plant Variety Protection (PVP) Office, (2) *Crop Science* cultivar registration notices, and (3) *Characteristics of Cotton Varieties Grown in Texas,* editions 2 and 3 (Metzer et al. 1984, Metzer and Supak 1990, respectively). Unless indicated in other sources, it was assumed that cultivars grown in Texas in 1984 had been released since 1970.

Pedigree information was obtained from these same sources and other publicly available reference materials. We also drew heavily on the willingness of various active and retired breeders to supply information from their personal files, and for this we are grateful.

Table 1 provides various identifiers for the cultivars, including cultivar name, experimental designation (when known), PVP application number (if any), and *Crop Science* registration number (if any). Also listed in Table 1 is the year of release, if known. The first two digits of the PVP application number indicate the year that application was made, but this may or may not correspond with the year of release. Unfortunately, some inconsistency with regard to cultivar names was necessary. In some cases, we have listed the cultivar name without the usual brand name (e.g., cultivar 9023 is currently sold as SeedCo 9023, but PVP certificate was issued with the name 9023). In other cases, the cultivar names included brand names, some of which may be obsolete. For example, Hartz H1330 is listed with the Hartz brand name because it was submitted for variety protection under that name. However, H1215, which was also sold by Jacob Hartz Seed Co., was listed under the name H1215. This situation is further complicated by the fact that both cultivars were sold under the Paymaster brand name. Some ambiguity in cultivar names is thus unavoidable. Readers are advised to look for cultivars both with and without the brand names they may be familiar with.

The column in Table 1 listing originator or owner is also somewhat ambiguous. We have tried to use this information primarily to recognize the contribution of the originator; however, when a cultivar has changed ownership several times or the origin is not clear, we have listed the most recent owner. The final column in this table is the source used for the pedigree information. The first choice for a source of information was a *Crop Science* registration or experiment station bulletin because these tend to be complete and readily available. The second choice was "personal communication" (PC) because these often include information not provided in PVP applications. The final choice was Exhibit A from PVP applications.

Simple cultivar pedigrees (usually including two to four parents) are presented in Table 2. Pedigree notation has been standardized to conform as much as possible to the method proposed by Purdy et al. (1968). A few examples of the Purdy et al. slash notation vs. traditional "x" notation follow:

| **Traditional 'Y' Notation** | **Slash Notation** |
|---|---|
| AxB | A/B |
| (A x B) x C | A/B//C |
| (A x B) x (C x D) | A/B//C/D |
| [(A x B) x C] x D | A/B//C/3/D |
| [(A x B) x B] x B | A/3*B |

Simple pedigrees can be expanded by checking for the pedigrees of the parents listed. In many cases these parents are themselves listed as cultivars in Table 2. The column, "Notes on pedigree," in Table 2 provides additional information for expanding simple pedigrees. These notes include parentage of breeding lines or older cultivars given in the simple pedigree, the location where such information is presented (usually Table 3), or other information.

Parentage of most breeding lines and obsolete cultivars that appear in the pedigrees of cultivars in Table 2 are presented in Table 3. Many of the pedigrees in Table 3 can be further expanded by tracing the pedigrees of the parents listed. These parents (when known) are also in Table 3, or in the case of most obsolete cultivars, a reference is given for the figure showing the pedigree tree that includes the obsolete cultivar. Certain entries in Table 3 have been grouped for convenience. Most of the parental material and cultivars from the Multiple Adversity Resistance (MAR) program at the Texas Agricultural Experiment Station in College Station has been listed together, as have germplasm from the Pee Dee Research Station at Florence, South Carolina. Pima germplasm has also been listed separately.

Several figures are used to indicate the origin of obsolete cultivars or to illustrate certain complex pedigrees. Figures 1 through 10 are redrawn from Ramey (1966) and trace the development of major cultivars up to about 1965. Figure 11 was adapted from Culp and Harrell (1974) to illustrate the development of important germplasm from the Pee Dee Experiment Station. Figures 12 to 16 were adapted from figures developed by Thomas Kerr about 1969 and apparently not previously published (although they have been widely circulated among cotton breeders). Figures 12 and 13 illustrate the development of the "Triple Hybrid" material to the point that it was used in several breeding programs. Figure 14 traces the development of the Atlas family of cultivars and germplasm. Figure 15 traces the development of important Missouri lines and cultivars. Figure 16 traces the development of early California Acalas. Figure 17 was drawn from the information provided in PVP applications for 'Quapaw' and 'GSA71.'

To save space, numerous, perhaps unfamiliar abbreviations are used in all three tables. The meanings of these abbreviations are given below:

**Abbreviation**
AES = Agricultural Experiment Station (postal code used to indicate state)
CKR = Coker
CS = Crop Science (volume and page numbers given in references)
DP = Deltapine or D P & L
PM = Paymaster
PVP = Plant Variety Protection (usually in reference to application documents)
Sel. = Selection out of
Sib. = Sibling of
STV = Stoneville

Pedigrees have been traced back as far as records are available, thus coefficients of parentage can be determined. Because some pedigrees cannot be traced back to the genetic base in cotton, an assumption of no relationship is made. However, the effect of this assumption is minor because the unknown parentage is so far removed (five generations or more) that this has little impact on the final coefficient. Eight ancestors form a portion of the genetic base of cotton, and they average 10 generations removed from pedigrees of cultivars released since 1970 (Bowman et al. 1996). Seed of these ancestors are no longer available. Sometimes the pedigrees can only be traced back a few generations, and records are incomplete or unavailable. This was the case for several cultivars when the coefficient of parentage was calculated for 260 cotton cultivars (Bowman et al. 1997). A subsequent study based on genetic similarity estimates revealed that the coefficients of parentage were underestimating relatedness but that the relative relationship among cultivars did not change (Van Esbroeck et al. 1999). Therefore, relative genetic relatedness can be calculated from the pedigrees listed, although true genetic relatedness would need to be determined in another manner.

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**Table 1. Identification of cotton cultivars released between 1970 and 2005 and the source of information used in pedigrees.**

| Ref. no | Cultivar name | Experimental designation | PVP no | CS reg. no | Year | Originator or owner | Reference for pedigree |
|---|---|---|---|---|---|---|---|
| **Upland Cotton** | | | | | | | |
| 1 | 173-90 | | 9500127 | | | P&H Seeds, Inc., Hillsboro, TX | PVP Exhibit A |
| 2 | 7563 | | 8300031 | | 1983 | Paymaster Technologies, Inc., Aikin, TX | R.H. Sheetz/PC |
| 3 | 9023 | | 9500237 | | | Seedco Corp., Lubbock, TX | G.L. Rea/PC |
| 4 | Acala 1517-02 | | | | 2004 | NM AES | Zhang et al. 2005 |
| 5 | Acala 1517-03 | | | | 2004 | NM AES | Zhang et al. 2005 |
| 6 | Acala 1517-04 | | | | 2004 | NM AES | Zhang et al. 2005 |
| 7 | Acala 1517-70 | B4364 or NMB 4364 | | CV-66 | 1970 | NM AES & ARS-USDA | CS 18:164 |
| 8 | Acala 1517-75 | Acala 4111 | | CV-67 | 1975 | NM AES | CS18:164 |
| 9 | Acala 1517-77 | B3-1 | | CV-77 | 1977 | NM AES | CS20:113 |
| 10 | Acala 15 17-77BR | | | CV-82 | 1982 | NM AES | CS24:382 |
| 11 | Acala 1517-88 | B1788 | | CV-93 | 1987 | NM AES | CS28:190-191 |
| 12 | Acala 1517-91 | 3579 | | CV-99 | 1990 | NM AES | CS32:831-832 |
| 13 | Acala 1517-95 | B4442 | | CV-107 | 1994 | NM AFS | CS35:1227-1228 |
| 14 | Acala 1517-99 | | | CV-115 | 1999 | NM AES | CS 40:1200 |
| 15 | Acala 1517-SRI | E945 | | CV-83 | 1983 | NM AES | CS24:382-383 |
| 16 | Acala 1517-SR2 | E1137 | | CV-89 | 1986 | NM AES | CS27:149 |
| 17 | Acala 1517-SR3 | E3134 | | CV-100 | 1990 | NM AES | CS32:1295 |
| 18 | Acala 1517C | 1028 OR 8893 OR 7133 | | CV-64 | 1951 | NM AES | CS18:163; Staten 1971 |
| 19 | Acala 1517E-1 | B8040 | | CV-68 | 1971 | NM AES | CS18:164 |
| 20 | Acala 1517E-2 | B344 | | CV-78 | 1978 | NM AES | CS20:113 |
| 21 | Acala 1517V | 6612 (1964); 9450 (1969) | | CV-65 | 1964 | NM AES & ARS-USDA | CS 18:163; Staten 1971 |
| 22 | Acala BXN Nova | | | | | CPCSD, Shafter, CA | S.R. Oakley/PC |
| 23 | Acala Diva | | | | 1997 | CPCSD, Shafter, CA | S.R. Oakley/PC |
| 24 | Acala Fiesta RR | | | | 2005 | CPCSD, Shafter, CA | S.R. Oakley/PC |
| 25 | Acala GLS | | 200100118 | | 2000 | CPCSD, Shafter, CA | S.R. Oakley/PC |
| 26 | Acala GTO Maxxa | | 9700072 | | 1997 | CPCSD, Shafter, CA | S.R. Oakley/PC |
| 27 | Acala Maxxa | C-4164 | 9000168 | | 1990 | CPCSD, Shafter, CA | H.B. Cooper/PC |
| 28 | Acala Nem-X | N-657, C-225 | 9500225 | | | CPCSD, Shafter, CA | S.R. Oakley/PC |
| 29 | Acala Nem-XHY | | | | 2005 | CPCSD, Shafter, CA | S.R. Oakley/PC |
| 30 | Acala Prema | C-32 | 8800171 | | 1988 | CPCSD, Shafter, CA | H.B. Cooper/PC |
| 31 | Acala Riata RR | | 200100119 | | 2001 | CPCSD, Shafter, CA | S.R. Oakley/PC |
| 32 | Acala Royale | C-4226 | 9000173 | | 1990 | CPCSD, Shafter, CA | H.B. Cooper/PC |
| 33 | Acala Sierra RR | | 200300282 | | 2003 | CPCSD, Shafter, CA | S.R. Oakley/PC |
| 34 | Acala SJ-2 | | | | 1973 | USDA-ARS, Shafter, CA | S.R. Oakley/PC |
| 35 | Acala SJ-3 | | | | 1975 | USDA-ARS, Shafter, CA | S.R. Oakley/PC |
| 36 | Acala SJ4 | | | | 1976 | USDA-ARS, Shafter, CA | S.R. Oakley/PC |
| 37 | Acala SJ-5 | | | | 1977 | USDA-ARS, Shafter, CA | S.R. Oakley/PC |
| 38 | Acala SJC- 1 | | | | 1983 | CPCSD, Shafter, CA | S.R. Oakley/PC |
| 39 | Acala Summit | | 200300260 | | 2003 | CPCSD, Shafter, CA | S.R. Oakley/PC |
| 40 | Acala Ultima | | 9800166 | | 1997 | CPCSD, Shafter, CA | S.R. Oakley/PC |
| 41 | Acala Ultima EF | | | | 2004 | CPCSD, Shafter, CA | S.R. Oakley/PC |
| 42 | AgriPro AP 4130 | | 9800149 | | | | PVP Exhibit A |
| 43 | AgriPro AP 6101 | | 9800148 | | | | PVP Exhibit A |
| 44 | AgriPro AP 6102 | HYX 6102 | 9800150 | | | Stoneville Pedigreed Seed. Co. | PVP Exhibit A |
| 45 | AgriPro AP 7114 | APX 7114-46 | | | | | |

**Table 1 (continued). Identification of cotton cultivars released between 1970 and 2005 and the source of information used in pedigrees.**

| Ref. no | Cultivar name | Experimental designation | PVP no | CS reg. no | Year | Originator or owner | Reference for pedigree |
|---|---|---|---|---|---|---|---|
| **Upland Cotton** | | | | | | | |
| 46 | AgriPro AP 7115 | | 9900274 | | | Emergent Genetics Inc. | |
| 47 | All-Tex 857 | | | | | All-Tex Seed Co., Leveland, TX | Metzer & Supak 1990 |
| 48 | All-Tex Atlas | All-Tex 85039 | 9200188 | | 1993 | All-Tex Seed Co., Leveland, TX | PVP Exhibit A |
| 49 | All-Tex E-2 | | | | | All-Tex Seed Co., Leveland, TX | Metzer & Supak, 1990 |
| 50 | All-Tex Excess | All-Tex 85041 | 9200224 | | 1993 | All-Tex Seed Co., Leveland, TX | PVP Exhibit A |
| 51 | All-Tex Max-9 | All-Tex 85034 | 9200189 | | 1992 | All-Tex Seed Co., Leveland, TX | PVP Exhibit A |
| 52 | All-Tex Quickie | 21-S-1-87 | | | 1986 | All-Tex Seed Co., Leveland, TX | Metzer & Supak, 1990 |
| 53 | All-Tex Top Pick | | | | 1995 | All-Tex Seed Co., Leveland, TX | Scott Brown/PC |
| 54 | All-Tex Wiltmaster 571 | | | | | All-Tex Seed Co., Leveland, TX | Metzer & Supak, 1990 |
| 55 | All-Tex Xpress | 88009 | 9500166 | | 1995 | All-Tex Seed Co., Leveland TX | Mike Nelson/PC |
| 56 | Americot 951 | | | | 1995 | American Cotton Breeding Inc., Little Rock, AR | D. Bush/PC |
| 57 | Americot 1621 | | | | 2000 | American Cotton Breeding Inc., Little Rock, AR | D. Bush/PC |
| 58 | Americot 4207 | | | | 2001 | American Cotton Breeding Inc., Little Rock, AR | D. Bush/PC |
| 59 | Americot 8120 | | | | 2001 | American Cotton Breeding Inc., Little Rock, AR | D. Bush/PC |
| 60 | Apache | X2679 | 9600285 | | 1995 | Brownfield Seed & Delinting Co., B'fld, TX | Bob Dumas/PC |
| 61 | Arkot 518 | U Ark 7518 (2402) | 8700165 | CV-91 | 1987 | AR AES | CS 28:190 |
| 62 | AZ 64 | AZ6401 | | | 1972 | AZ AES | AZ AES release memo |
| 63 | BC 4 | | 9500125 | | | Raymond E. Bird, Reedley, CA | PVP Exhibit A |
| 64 | BCG 24R | | | | | Beltwide Cotton Genetics | |
| 65 | BCG 28R | | | | | Beltwide Cotton Genetics | |
| 66 | BCG 30R | | | | | Beltwide Cotton Genetics | |
| 67 | BCG 245 | | | | | Beltwide Cotton Genetics | |
| 68 | BCG 295 | | | | | Beltwide Cotton Genetics | |
| 69 | Blanco 3363 | | 7100051 | | | Growers Seed Assn., Lubbock, TX | PVP Exhibit A |
| 70 | Blightmaster A-5 | | | | | TX AES & USDA-ARS, Lubbock, TX | Metzer & Supak, 1990 |
| 71 | BR-636 | | 9000212 | | 1990 | Ron Thorp, Stanfield, AZ | R.G. Ward/PC |
| 72 | Bronco 360 | | 8900114 | | | Bronco Seed Co., Stamford, TX | Metzer & Supak, 1990 |
| 73 | Bronco 414 | | | | | Bronco Seed Co., Stamford, TX | Metzer & Supak, 1990 |
| 74 | Bronco 625 | | 8300124 | | | Bronco Seed Co., Stamford, TX | Metzer & Supak, 1990 |
| 75 | Bronco 693 | | | | | Bronco Seed Co., Stamford, TX | Q. Adams/PC |
| 76 | BXN 57 | | 9500139 | | | Stoneville Pedigreed Seed Co., Leland, MS | D. Panter/PC |
| 77 | BXN 58 | | 9500138 | | | Stoneville Pedigreed Seed Co., Leland, MS | D. Panter/PC |
| 78 | Carolina ES300 | | | | | Humco International Inc. | H. Webb/PC |
| 79 | Cascot 2910 | | | | | Custom Ag Services, Loraine, TX | Metzer & Supak, 1990 |
| 80 | Cascot 392 | | | | | Custom Ag Services, Loraine, TX | R. Bridge/PC |
| 81 | Cascot B-2 | | 7700042 | | | Custom Ag Services, Loraine, TX | Metzer et al., 1984 |
| 82 | Cascot BR-1 | | 8000032 | | | Custom Ag Services, Loraine, TX | Metzer et al., 1984 |
| 83 | Cascot C-13 | | 8300034 | | | Custom Ag Services, Loraine, TX | Metzer & Supak, 1990 |
| 84 | Cascot L-7 | | 7700043 | | | Custom Ag Services, Loraine, TX | Metzer & Supak, 1990 |
| 85 | CENCOT | | | | 1986 | OK AES | L.M. Verhalen/PC |
| 86 | Chembred CB 219 | | | | | Chembred Inc. | |
| 87 | Chembred CB 232 | | | | | Chembred Inc. | |
| 88 | Chembred CB 333 | | | | | Chembred Inc. | |
| 89 | Chembred CB 407 | | | | | Chembred Inc. | |
| 90 | Chembred CB 1135 | | | | | Chembred Inc. | |

**Table 1 (continued). Identification of cotton cultivars released between 1970 and 2005 and the source of information used in pedigrees.**

| Ref. no | Cultivar name | Experimental designation | PVP no | CS reg. no | Year | Originator or owner | Reference for pedigree |
|---|---|---|---|---|---|---|---|
| **Upland Cotton** | | | | | | | |
| 91 | Chembred CB 1233 | | | | | Chembred Inc. | |
| 92 | Coker 130 | | 8900252 | | 1990 | Coker Pedigreed Seed Co., Hartsville, SC | L. McDonald & H.W. Webb/PC |
| 93 | Coker 139 | | 8700070 | | 1987 | Coker Pedigreed Seed Co., Hartsville, SC | L. McDonald/PC |
| 94 | Coker 208 | | 8300082 | | 1983 | Coker Pedigreed Seed Co., Hartsville, SC | L. McDonald/PC |
| 95 | Coker 304 | | 7700024 | | 1978 | Coker Pedigreed Seed Co., Hartsville, SC | L. McDonald & H.W. Webb/PC |
| 96 | Coker 310 | | 7100021 | | 1971 | Coker Pedigreed Seed Co., Hartsville, SC | Metzer et al., 1984 |
| 97 | Coker 312 | | 7200100 | | 1972 | Coker Pedigreed Seed Co., Hartsville, SC | L. McDonald & H.W. Webb/PC |
| 98 | Coker 3131 | | 8100019 | | 1983 | Coker Pedigreed Seed Co., Hartsville, SC | Metzer et al., 1984 |
| 99 | Coker 315 | | 8000087 | | 1979 | Coker Pedigreed Seed Co., Hartsville, SC | L. McDonald & H.W. Webb/PC |
| 100 | Coker 320 | | 8900290 | | 1989 | Coker Pedigreed Seed Co., Hartsville, SC | L. McDonald/PC |
| 101 | Coker 4101 | | | | 1971 | Coker Pedigreed Seed Co., Hartsville, SC | L. McDonald/PC |
| 102 | Coker 417 | | | | 1970 | Coker Pedigreed Seed Co., Hartsville, SC | H.W. Webb/PC |
| 103 | Coker 420 | | 7900087 | | | Coker Pedigreed Seed Co., Hartsville, SC | H.W. Webb/PC |
| 104 | Coker4360 | | 8200071 | | 1982 | Coker Pedigreed Seed Co., Lubbock, TX | L. McDonald/PC |
| 105 | Coker 500 | | 8300078 | | 1984 | Coker Pedigreed Seed Co., Lubbock, TX | Metzer & Supak, 1990 |
| 106 | Coker 5110 | | 7200101 | | 1971 | Coker Pedigreed Seed Co., Lubbock, TX | Metzer& Supak, 1990 |
| 107 | Condor | SS 9303 | 9700185 | | | Seed Source, Inc. | J. Green/PC |
| 108 | Coyote | Vreseis RB-RB-64 | 8900169 | | | USDA, Shatter, CA | PVP Exhibit A |
| 109 | Crooked Row-I | | | | | Crooked Row Farms, Crosbyton,TX | Metzer & Supak, 1990 |
| 110 | CS7S | | | | | | Unknown |
| 111 | CT1 | HQ 211 CT | 200300110 | | | Seed Source Inc. | J. Green/PC |
| 112 | CT10 | HQ 212 CT | 200300111 | | | Seed Source Inc. | J. Green/PC |
| 113 | CT11 | HQ 110 CT | 200300109 | | | Seed Source Inc. | J. Green/PC |
| 114 | CT12 | HQ 120 CT | 200300108 | | | Seed Source Inc. | J. Green/PC |
| 115 | Dawson V-14 | | 7900015 | | | Dawson Seed Co. Lamesa, TX | Metzer et al., 1984 |
| 116 | DC 81 | | | | | Dawson Seed Co. Lamesa, TX | Metzer & Supak, 1990 |
| 117 | DC 827 | | | | 1989 | Dawson Seed Co. Lamesa, TX | Metzer & Supak, 1990 |
| 118 | DC886 | | | | 1989 | Dawson Seed Co. Lamesa, TX | Metzer & Supak, 1990 |
| 119 | Delcot 277 | MO 63-277 | | CV-55 | 1972 | MO AES & PSRD-ARS-USDA | CS12:126-127 |
| 120 | Delcot 277J | MO 63-277J | | CV-71 | 1978 | MO AES | CS19:294 |
| 121 | Delcot 311 | MO 74-944 | 8100029 | CV-79 | 1980 | MO AES | CS20:669 |
| 122 | Delcot 344 | MO 78-344 | 8600161 | CV-90 | 1986 | MO AES | CS27:150 |
| 123 | Delcot 390 | MO 79-390 | | CV-84 | 1985 | MO AES | CS25:198 |
| 124 | Deltapine 120 | | 8100072 | | 1981 | Delta & Pine Land Co., Scott, MS | K.R. Jones/PC |
| 125 | Deltapine 137 | | 7300014 | | 1974 | Delta & Pine Land Co., Scott, MS | D. Keirn/PC |
| 126 | Deltapine 20 | | 8500110 | | 1985 | Delta & Pine Land Co., Scott, MS | K.R. Jones/PC |
| 127 | Deltapine 20B | | 9700253 | | | Delta & Pine Land Co., Scott, MS | W. Hugie/PC |
| 128 | Deltapine 215B | | 9900295 | | | Delta & Pine Land Co., Scott, MS | W. Hugie/PC |
| 129 | Deltapine 2156 | | 9400147 | | | Delta& Pine Land Co., Scott, MS | PVP Exhibit A |
| 130 | Deltapine 25 | | 7200016 | | 1974 | Delta & Pine Land Co., Scott, MS | K.R. Jones/PC |
| 131 | Deltapine 26 | | 7800022 | | 1975 | Delta & Pine Land Co., Scott, MS | K.R. Jones/PC |
| 132 | Deltapine 237B | | 9900292 | | | Delta & Pine Land Co., Scott, MS | W. Hugie/PC |
| 133 | Deltapine 2379 | | | | 1997 | Delta & Pine Land Co., Scott, MS | W. Hugie/PC |
| 134 | Deltapine 30 | | 8200029 | | 1981 | Delta & Pine Land Co., Scott MS | K.R. Jones/PC |
| 135 | Deltapine 32B | | 9700252 | | | Delta & Pine Land Co., Scott, MS | W. Hugie/PC |

**Table 1 (continued). Identification of cotton cultivars released between 1970 and 2005 and the source of information used in pedigrees.**

| Ref. no | Cultivar name | Experimental designation | PVP no | CS reg. no | Year | Originator or owner | Reference for pedigree |
|---|---|---|---|---|---|---|---|
| **Upland Cotton** | | | | | | | |
| 136 | Deltapine 388 | | 9900186 | | | Delta & Pine Land Co., Scott, MS | W. Hugie/PC |
| 137 | Deltapine 393 | | | | 2005 | Delta & Pine Land Co., Scott, MS | W. Hugie/PC |
| 138 | Deltapine 41 | | 7900102 | | 1979 | Delta & Pine Land Co., Scott, MS | K.R. Jones/PC |
| 139 | Deltapine 409B/RR | | 9900296 | | | Delta & Pine Land Co., Scott, MS | W. Hugie/PC |
| 140 | Deltapine 410B | | 9800204 | | | Delta & Pine Land Co., Scott, MS | W. Hugie/PC |
| 141 | Deltapine 420RR | | 200000262 | | 2000 | Delta & Pine Land Co., Scott, MS | W. Hugie/PC |
| 142 | Deltapine 422 B/RR | | 9900291 | | 1999 | Delta & Pine Land Co., Scott, MS | W. Hugie/PC |
| 143 | Deltapine 425 BII/R | | 200300322 | | | Delta & Pine Land Co., Scott, MS | W. Hugie/PC |
| 144 | Deltapine 425RR | | 9800209 | | | Delta & Pine Land Co., Scott, MS | W. Hugie/PC |
| 145 | Deltapine 428B | | 9800207 | | | Delta & Pine Land Co., Scott, MS | W. Hugie/PC |
| 146 | Deltapine 429RR | | 9900297 | | | Delta & Pine Land Co., Scott, MS | W. Hugie/PC |
| 147 | Deltapine 432 RR | DPLX01X99R | 200401047 | | 2004 | Delta & Pine Land Co., Scott, MS | W. Hugie/PC |
| 148 | Deltapine 434 RR | DPLX01W99R | 200400219 | | 2004 | Delta & Pine Land Co., Scott, MS | W. Hugie/PC |
| 149 | Deltapine 436 RR | | 9800205 | | | Delta & Pine Land Co., Scott, MS | W. Hugie/PC |
| 150 | Deltapine 444 BR/RR | DPLX00513BR | | | 2003 | Delta & Pine Land Co., Scott, MS | W. Hugie/PC |
| 151 | Deltapine 448B | | 9900185 | | | Delta & Pine Land Co., Scott, MS | W. Hugie/PC |
| 152 | Deltapine 449 BG/RR | | 200300135 | | 2002 | Delta & Pine Land Co., Scott, MS | W. Hugie/PC |
| 153 | Deltapine 450 B/RR | | 9900293 | | | Delta & Pine Land Co., Scott, MS | W. Hugie/PC |
| 154 | Deltapine 451 B/RR | | 9900294 | | | Delta & Pine Land Co., Scott, MS | W. Hugie/PC |
| 155 | Deltapine 458 BG/RR | | 9800206 | | | Delta & Pine Land Co., Scott, MS | W. Hugie/PC |
| 156 | Deltapine 468 BGII/RR | | 200300323 | | 2003 | Delta & Pine Land Co., Scott, MS | W. Hugie/PC |
| 157 | Deltapine 488 BG/RR | | 200400151 | | | Delta & Pine Land Co., Scott, MS | W. Hugie/PC |
| 158 | Deltapine 491 | | 200100159 | | | Delta & Pine Land Co., Scott, MS | W. Hugie/PC |
| 159 | Deltapine 493 | | | | | Delta & Pine Land Co., Scott, MS | W. Hugie/PC |
| 160 | Deltapine 494 RR | | 200400098 | | | Delta & Pine Land Co., Scott, MS | W. Hugie/PC |
| 161 | Deltapine 4025 | | 9900137 | | | Delta & Pine Land Co., Scott, MS | W. Hugie/PC |
| 162 | Deltapine 4049 | | 9800138 | | | Delta & Pine Land Co., Scott, MS | W. Hugie/PC |
| 163 | Deltapine 50 | | 8400154 | | 1984 | Delta & Pine Land Co., Scott, MS | K.R. Jones/PC |
| 164 | Deltapine 50B | | 9700254 | | | Delta & Pine Land Co., Scott, MS | W. Hugie/PC |
| 165 | Deltapine 51 | | 8900105 | | 1990 | Delta & Pine Land Co., Scott, MS | K.R. Jones/PC |
| 166 | Deltapine 543 | | | | | Delta & Pine Land Co., Scott, MS | W. Hugie/PC |
| 167 | Deltapine 555 BG/RR | | 200200047 | | 2002 | Delta & Pine Land Co., Scott, MS | W. Hugie/PC |
| 168 | Deltapine 565 | | 200000332 | | | Delta & Pine Land Co., Scott, MS | W. Hugie/PC |
| 169 | Deltapine 5111 | | 9700276 | | | Delta & Pine Land Co., Scott, MS | W. Hugie/PC |
| 170 | Deltapine 5305 | | 9700289 | | | Delta & Pine Land Co., Scott, MS | W. Hugie/PC |
| 171 | Deltapine 5409 | | 9300189 | | | Delta & Pine Land Co., Scott, MS | PVP Exhibit A |
| 172 | Deltapine 5415 | | 9100132 | | 1990 | Delta & Pine Land Co., Scott, MS | K.R. Jones/PC |
| 173 | Deltapine 5415 RR | | 9700251 | | | Delta & Pine Land Co., Scott, MS | W. Hugie/PC |
| 174 | Deltapine 5432 | | 9400182 | | | Delta & Pine Land Co., Scott MS | PVP Exhibit A |
| 175 | Deltapine 5461 | | 9100115 | | | Delta & Pine Land Co., Scott, MS | PVP Exhibit A |
| 176 | Deltapine 55 | | 7500103 | | 1974 | Delta & Pine Land Co., Scott, MS | K.R. Jones/PC |
| 177 | Deltapine 5557 | | 9700284 | | | Delta & Pine Land Co., Scott, MS | W. Hugie/PC |
| 178 | Deltapine 5611 | | 9400116 | | | Delta & Pine Land Co., Scott, MS | D. Keim/PC |
| 179 | Deltapine 5614 | | 9100267 | | | Delta & Pine Land Co., Scott, MS | PVP Exhibit A |
| 180 | Deltapine 5681 | | 9300060 | | | Delta & Pine Land Co., Scott, MS | PVP Exhibit A |

**Table 1 (continued). Identification of cotton cultivars released between 1970 and 2005 and the source of information used in pedigrees.**

| Ref. no | Cultivar name | Experimental designation | PVP no | CS reg. no | Year | Originator or owner | Reference for pedigree |
|---|---|---|---|---|---|---|---|
| **Upland Cotton** | | | | | | | |
| 181 | Deltapine 5690 | | 9100116 | | 1990 | Delta & Pine Land Co., Scott MS | K.R. Jones/PC |
| 182 | Deltapine 5690 RR | | 9700249 | | | Delta & Pine Land Co., Scott, MS | W. Hugie/PC |
| 183 | Deltapine 5816 | | 9100111 | | | Delta & Pine Land Co., Scott MS | PVP Exhibit A |
| 184 | Deltapine 61 | | 7300103 | | 1973 | Delta & Pine Land Co., Scott MS | K.R. Jones/PC |
| 185 | Deltapine 6100 Acala | | 9400109 | | | Delta & Pine Land Co., Scott, MS | PVP Exhibit A |
| 186 | Deltapine 6100 RR Acala | | 9800203 | | | Delta & Pine Land Co., Scott, MS | W. Hugie/PC |
| 187 | Deltapine 6166 Acala | DP6 | 9100112 | | | Delta & Pine Land Co., Scott, MS | PVP Exhibit A |
| 188 | Deltapine 62 | | 8200111 | | 1976 | Delta & Pine Land Co., Scott, MS | K.R. Jones/PC |
| 189 | Deltapine 6204 Acala | OA-204 | 9700044 | | 1996 | O & A Enterprise | PVP Exhibit A |
| 190 | Deltapine 6207 Acala | OA-207 | 200000192 | | 1998 | O & A Enterprise | PVP Exhibit A |
| 191 | Deltapine 6211 Acala | OA-211 | 99000275 | | 1999 | O & A Enterprise | PVP Exhibit A |
| 192 | Deltapine 66 | | 7400025 | | 1974 | Delta & Pine Land Co., Scott MS | K.R. Jones/PC |
| 193 | Deltapine 69 | | 8400130 | | 1984 | Delta & Pine Land Co., Scott, MS | K.R. Jones/PC |
| 194 | Deltapine 655 B/RR | | 9800208 | | | Delta & Pine Land Co., Scott, MS | W. Hugie/PC |
| 195 | Deltapine 675 | | | | | Delta & Pine Land Co., Scott, MS | W. Hugie/PC |
| 196 | Deltapine 688 B/RR | | 9800202 | | | Delta & Pine Land Co., Scott, MS | W. Hugie/PC |
| 197 | Deltapine 70 | | 7800097 | | 1979 | Delta & Pine Land Co., Scott MS | K.R. Jones/PC |
| 198 | Deltapine 77 | | 8600073 | | 1986 | Delta & Pine Land Co., Scott, MS | K.R. Jones/PC |
| 199 | Deltapine 80 | | 7800023 | | 1977 | Delta & Pine Land Co., Scott MS | K.R. Jones/PC |
| 200 | Deltapine 826 | | 7200143 | | 1974 | Delta & Pine Land Co., Scott, MS | D. Keim/PC |
| 201 | Deltapine 891 | | | | | Delta & Pine Land Co., Scott, MS | W. Hugie/PC |
| 202 | Deltapine Acala 90 | | 8100143 | | 1981 | Delta & Pine Land Co., Scott, MS | K.R. Jones/PC |
| 203 | Deltapine 90B | | 9700250 | | | Delta & Pine Land Co., Scott, MS | W. Hugie/PC |
| 204 | Deltapine 90RR | | 9700255 | | | Delta & Pine Land Co., Scott, MS | W. Hugie/PC |
| 205 | Deltapine DES 607 | | 9800189 | | | Delta & Pine Land Co., Scott, MS | W. Hugie/PC |
| 206 | Delta Emerald | | | | | Delta & Pine Land Co., Scott, MS | W. Hugie/PC |
| 207 | Delta Gem | | | | | Delta & Pine Land Co., Scott, MS | W. Hugie/PC |
| 208 | Delta Jewel | | | | | Delta & Pine Land Co., Scott, MS | W. Hugie/PC |
| 209 | Deltapine NSL | Deltapine 7146N | 8300112 | | 1983 | Delta & Pine Land Co., Scott, MS | Metzer et al., 1984 |
| 210 | Delta Opal | | 9900136 | | | Delta & Pine Land Co., Scott, MS | W. Hugie/PC |
| 211 | Delta Pearl | | 200000261 | | | Delta & Pine Land Co., Scott, MS | W. Hugie/PC |
| 212 | Delta Sapphire | | | | | Delta & Pine Land Co., Scott, MS | W. Hugie/PC |
| 213 | Deltapine SR-1 | | 7200042 | | | Delta & Pine Land Co., Scott, MS | L.M. Verhalen/PC |
| 214 | Deltapine SR-2 | | 7200043 | | | Delta & Pine Land Co., Scott, MS | Metzer & Supak 1980 |
| 215 | Deltapine SR-383 | | 8200137 | | | Delta & Pine Land Co., Scott MS | Metzer & Supak, 1990 |
| 216 | Deltapine SR4 | | 7500089 | | 1976 | Delta & Pine Land Co., Scott, MS | K.R. Jones/PC |
| 217 | Deltapine SR-482 | | 8200067 | | | Delta & Pine Land Co., Scott, MS | Metzer & Supak, 1990 |
| 218 | Deltapine SR-5 | | 8000052 | | | Terra Seed Co., Lubbock, TX | K.R. Jones/PC |
| 219 | Deltapine SR-980 | | 8100098 | | 1981 | Delta & Pine Land Co., Scott MS | Metzer et al., 1984 |
| 220 | Delta Topaz | | 200100161 | | | Delta & Pine Land Co., Scott, MS | W. Hugie/PC |
| 221 | DES 119 | DES11913 or SI 1-19-27 | 8500176 | CV-88 | 1985 | MS Agric. Forestry Exp. Stn., Stoneville, MS | CS26:646-647 |
| 222 | DES 24 | DES 06-020-24 | 7800040 | CV-69 | 1978 | MS Agric. Forestry Exp. Stn., Stoneville, MS | CS18:523 |
| 223 | DES 422 | | 8100170 | CV-80 | 1982 | MS Agric. Forestry Exp. Stn., Stoneville, MS | CS22:1085 |
| 224 | DES 56 | DES2134-056 | 7800041 | CV-70 | 1978 | MS Agric. Forestry Exp. Stn., Stoneville, MS | CS18:524 |
| 225 | Dixie King III | | 7300089 | | 1973 | MS Agric. Forestry Exp. Stn., Stoneville, MS | PVP Exhibit A |

**Table 1 (continued). Identification of cotton cultivars released between 1970 and 2005 and the source of information used in pedigrees.**

| Ref. no | Cultivar name | Experimental designation | PVP no | CS reg. no | Year | Originator or owner | Reference for pedigree |
|---|---|---|---|---|---|---|---|
| **Upland Cotton** | | | | | | | |
| 226 | Dunn 1002 | | 8500091 | | 1986 | Dunn Seed Farms, Seminole, TX | Metzer & Supak, 1990 |
| 227 | Dunn 1047 | | 8500090 | | 1986 | Dunn Seed Farms, Seminole, TX | Metzer & Supak, 1990 |
| 228 | Dunn 109 | | 8500089 | | 1986 | Dunn Seed Farms, Seminole, TX | J.L. Dunn/PC |
| 229 | Dunn 118 | | 7100048 | | 1974 | Dunn Seed Farms, Seminole, TX | J.L. Dunn/PC |
| 230 | Dunn 119 | | 7200098 | | 1974 | Dunn Seed Farms, Seminole, TX | J.L. Dunn/PC |
| 231 | Dunn 120 | | 7400096 | | 1975 | Dunn Seed Farms, Seminole, TX | J.L. Dunn/PC |
| 232 | Dunn 1325 | | | | | Dunn Seed Farms, Seminole, TX | Metzer & Supak, 1990 |
| 233 | Dunn 1850 | | | | | Dunn Seed Farms, Seminole, TX | R. Dunn/PC |
| 234 | Dunn 219 | | 7900006 | | 1980 | Dunn Seed Farms, Seminole, TX | J.L. Dunn/PC |
| 235 | Dunn 224 | | 8000129 | | 1981 | Dunn Seed Farms, Seminole, TX | J.L. Dunn/PC |
| 236 | Dunn 325 | | 8500088 | | 1986 | Dunn Seed Farms, Seminole, TX | Metzer & Supak, 1990 |
| 237 | Dunn 400 | | 8800052 | | | Dunn Seed Farms, Seminole, TX | Metzer & Supak, 1990 |
| 238 | Dunn HS 120 | | 8700210 | | 1988 | Dunn Seed Farms, Seminole, TX | Metzer & Supak, 1990 |
| 239 | D 2429 | | 200400100 | | 2004 | Syngenta Seed | Charlie Cook/PC |
| 240 | DynaGro DG 201 | | | | 1997 | L.N. Namken | Charlie Cook/PC |
| 241 | DynaGro DG 203 | | | | | | |
| 242 | DynaGro DG 205 | | | | 1997 | | Charlie Cook/PC |
| 243 | DynaGro DG 206 | | | | 1998 | L.N. Namken | Charlie Cook/PC |
| 244 | DynaGro DG 20 GRR | UAPX 006-4 | | | | | |
| 245 | DynaGro DG 256 | | | | 2000 | | Charlie Cook/PC |
| 246 | Earlycot 31 | | 7300055 | | | Agronomics Inc., Lubbock, TX | L.M. Vehalen/PC |
| 247 | Earlycot 32A | | | | 1984 | Agronomics Inc., Lubbock, TX | Metzer et al., 1984 |
| 248 | Earlycot 48 | | | | 1984 | Agronomics Inc., Lubbock, TX | Metzer et al., 1984 |
| 249 | Earlycot WR | | | | | Agronomics Inc., Lubbock, TX | Metzer et al., 1984 |
| 250 | El Dorado Acala | | 9600209 | | | J.G Boswell, Corcoran, CA | PVP Exhibit A |
| 251 | FM 800 B2R | | | | 2004 | Bayer CropScience | J. Dever/PC |
| 252 | FM 819 | | 9800257 | | | Bayer CropScience | PVP Exhibit A |
| 253 | FM 819 RR | | | | | Bayer CropScience | |
| 254 | FM 832 | | 9800258 | | | Bayer CropScience | PVP Exhibit A |
| 255 | FM 832 B | | | | | Bayer CropScience | |
| 256 | FM 832 LL | | | | | Bayer CropScience | |
| 257 | FM 958 | | 200100208 | | | Bayer CropScience | PVP Exhibit A |
| 258 | FM 958 B | | | | | Bayer CropScience | |
| 259 | FM 958 LL | | | | | Bayer CropScience | |
| 260 | FM 960 R | | | | | Bayer CropScience | |
| 261 | FM 960 BR | | | | | Bayer CropScience | |
| 262 | FM 960 B2R | | | | | Bayer CropScience | |
| 263 | FM 963 | | | | | Bayer CropScience | |
| 264 | FM 966 | | 200100209 | | | Bayer CropScience | PVP Exhibit A |
| 265 | FM 966 LL | | | | | Bayer CropScience | |
| 266 | FM 975 | | | | | Bayer CropScience | |
| 267 | FM 981 LL | | | | 2004 | Bayer CropScience | J. Dever/PC |
| 268 | FM 989 | | 9800259 | | | Bayer CropScience | PVP Exhibit A |
| 269 | FM 989 B2R | | | | | Bayer CropScience | |
| 270 | FM 991 B2R | | | | | Bayer CropScience | |

**Table 1 (continued). Identification of cotton cultivars released between 1970 and 2005 and the source of information used in pedigrees.**

| Ref. no | Cultivar name | Experimental designation | PVP no | CS reg. no | Year | Originator or owner | Reference for pedigree |
|---|---|---|---|---|---|---|---|
| **Upland Cotton** | | | | | | | |
| 271 | FM 5013 | | | | | Bayer CropScience | Margaret Hamill/PC |
| 272 | FM 5015 | | | | | Bayer CropScience | Margaret Hamill/PC |
| 273 | FM 5017 | | | | | Bayer CropScience | Margaret Hamill/PC |
| 274 | FM 5024 BXN | | | | | Bayer CropScience | Margaret Hamill/PC |
| 275 | FM 503R LL | | | | | Bayer CropScience | Margaret Hamill/PC |
| 276 | FM 5044 R | | | | | Bayer CropScience | Margaret Hamill/PC |
| 277 | FM 5045 BR | | | | | Bayer CropScience | Margaret Hamill/PC |
| 278 | G&P 1005 | | 8300108 | | | G&P Seed Co., Inc., Aquilla, TX | Metzer & Supak, 1990 |
| 279 | G&P 1068 | | 9500282 | | | G&P Seed Co., Inc., Aquilla, TX | J. Nehring/PC |
| 280 | G&P 3755 | | 7700019 | | | G&P Seed Co., Inc., Aquilla, TX | Metzer & Supak, 1990 |
| 281 | G&P 3774 | | 7700018 | | | G&P Seed Co., Inc., Aquilla, TX | Metzer & Supak, 1990 |
| 282 | G&P 5479 | | 8300033 | | | G&P Seed Co., Inc., Aquilla, TX | Metzer & Supak, 1990 |
| 283 | G&P 74+ | | 9000019 | | | G&P Seed Co., Inc., Aquilla, TX | D. Bush/PC |
| 284 | G&P 785 | | 9500262 | | | G&P Seed Co., Inc., Aquilla, TX | J. Nehring/PC |
| 285 | GaCot79 | Frego 142 | | CV-76 | 1979 | GA AES | CS20:112 |
| 286 | Garst/AgriPro 4600 RR | | | | | | |
| 287 | Garst/AgriPro AP 7126 | APX 7126 | 200100171 | | 2000 | Stoneville Pedigreed Seed Co. | PVP Exhibit A |
| 288 | Garst/AgriPro AP 9257 | APX 9257 | 200100170 | | 2000 | Emergent Genetics, Inc. | PVP Exhibit A |
| 289 | Gavilan | SS100 | 9500081 | | | Seed Source, Inc. | J. Green/PC |
| 290 | GC 120 | | 200000175 | | | Pioneer Hi-Bred Int., Inc. | PVP Exhibit A |
| 291 | GC 251 | GC-151 | 200000178 | | | Pioneer Hi-Bred Int., Inc. | PVP Exhibit A |
| 292 | GC 260 | | | | | | |
| 293 | GC 271 | GC-171 | 200000177 | | | Pioneer Hi-Bred Int., Inc. | PVP Exhibit A |
| 294 | GC 500 | GC-9209 | 9900197 | | | Pioneer Hi-Bred Int., Inc. | PVP Exhibit A |
| 295 | GC 535 | | | | | Germain's Cotton Seeds Inc. Bakersfield, CA | |
| 296 | GC 546 RR | GC-9646 | 200200055 | | | Stoneville Pedigreed Seed Co. | PVP Exhibit A |
| 297 | GC 703 | | | | | | |
| 298 | GC 707 | | | | | | |
| 299 | Georgia King | GaT 85-278 | 9100257 | CV-98 | 1990 | GA AES | CS32:493 |
| 300 | Germain's Acala GC-352 | | 8500076 | | 1984 | Germain's Cotton Seeds, Inc., Bakersfield, CA | J.F. Mahill/PC |
| 301 | Germain's Acala GC-356 | | 8800017 | | 1985 | Germain's Cotton Seeds, Inc., Bakersfield, CA | J.F. Mahill/PC |
| 302 | Germain's Acala GC-362 | | 8400129 | | 1983 | Germain's Cotton Seeds, Inc., Bakersfield, CA | J.F. Mahill/PC |
| 303 | Germain's Acala GC-363 | | 8100060 | | 1981 | Germain's Cotton Seeds, Inc., Bakersfield, CA | J.F. Mahill/PC |
| 304 | Germain's Acala GC-410 | | 8700061 | | 1983 | Germain's Cotton Seeds, Inc., Bakersfield, CA | J.F. Mahill/PC |
| 305 | Germain's Acala GC445 | | 8100061 | | 1981 | Germain's Cotton Seeds, Inc., Bakersfield, CA | J.F. Mahill/PC |
| 306 | Germain's Acala GC-510 | | 8200166 | | 1984 | Germain's Cotton Seeds, Inc., Bakersfield, CA | J.F. Mahill/PC |
| 307 | Germain's Acala GC-555 | | 8100062 | | 1980 | Germain's Cotton Seeds, Inc., Bakersfield, CA | J.F. Mahill/PC |
| 308 | Germain's Acala GC-610 | | 9300099 | | | Germain's Cotton Seeds, Inc., Bakersfield, CA | PVP Exhibit A |
| 309 | Germain's Acala GC-702 | GC-714 | 9000235 | | | Germain's Cotton Seeds, Inc., Bakersfield, CA | PVP Exhibit A |
| 310 | Germain's GC-21 0 | GC-8978 | 9300098 | | | Germain's Cotton Seeds, Inc., Bakersfield, CA | PVP Exhibit A |
| 311 | Green | Vreseis G-A3PTab-b4 | 8900170 | | | USDA, Shafter, CA | PVP Exhibit A |
| 312 | GSA 71 | | 7400089 | | | Gro-Agri Seed Co., Lubbock, TX | PVP Exhibit A |
| 313 | GSA 74 | | 7900071 | | | Gro-Agri Seed Co., Lubbock, TX | R. Phipps/PC |
| 314 | GSA 75 | | 7605007 | | | Gro-Agri Seed Co., Lubbock, TX | R. Phipps/PC |
| 315 | GSA 78 | | 7900072 | | | Gro-Agri Seed Co., Lubbock, TX | R. Phipps/PC |

**Table 1 (continued). Identification of cotton cultivars released between 1970 and 2005 and the source of information used in pedigrees.**

| Ref. no | Cultivar name | Experimental designation | PVP no | CS reg. no | Year | Originator or owner | Reference for pedigree |
|---|---|---|---|---|---|---|---|
| **Upland Cotton** | | | | | | | |
| 316 | GSC 1093 | | 9000032 | | | Gro-Agri Seed Co., Lubbock, TX | R. Phipps/PC |
| 317 | GSC 20 | | 8400101 | | | Gro-Agri Seed Co., Lubbock, TX | R. Phipps/PC |
| 318 | GSC 25 | | 8400057 | | | Gro-Agri Seed Co., Lubbock, TX | Metzer & Supak, 1990 |
| 319 | GSC 27 | | 8700005 | | | Gro-Agri Seed Co., Lubbock, TX | Metzer & Supak, 1990 |
| 320 | GSC 30 | | 8800048 | | | Gro-Agri Seed Co., Lubbock, TX | Metzer & Supak, 1990 |
| 321 | GSC 71+ | | 8700006 | | | Gro-Agri Seed Co., Lubbock, TX | Metzer & Supak, 1990 |
| 322 | Gumbo | La. Okra 25 | | | 1976 | LA AES | LA LAES Circular No. 103 |
| 323 | Gumbo 500 | | | | 1981 | LA AES | LA LAES Circular No. 114 |
| 324 | H 1215 | | 9400118 | CV-1 12 | | LA AES | CS 37: 1013 |
| 325 | H 1220 | | 9400119 | CV-113 | | LA AES | CS 37: 1013 |
| 326 | H 1244 | | 9400120 | CV-1 14 | | LA AES | CS 37: 1014 |
| 327 | H1330 | 8518-18 and Ark 818 | 9400270 | CV-108 | | AR AES | CS 36:813 |
| 328 | H 1380 | AR 8517-18 | | | | AR AES | F. Borland/PC |
| 329 | H 1560 | LA 830909 | 9000280 | | 2002 | LA AES | PVP Exhibit A |
| 330 | Hancock | T59-134 | | CV-56 | 1972 | TN AES | CS 12:714 |
| 331 | Highland 34 | | | | | Brownfield Seed & Delinting Co., B'fld, TX | Metzer & Supak, 1990 |
| 332 | Highland 52 | | | | | Brownfield Seed & Delinting Co., B'fld, TX | Metzer & Supak, 1990 |
| 333 | Holland 1379 | | | | | Holland Cottonseed Co., Big Spring, TX | Metzer & Supak, 1990 |
| 334 | Holland 186 | HX 186 | 9600141 | | 1994 | Holland Cottonseed Co., Big Spring, TX | R. Holland/PC |
| 335 | Holland 1919 | | | | | Holland Cottonseed Co., Big Spring, TX | R. Holland/PC |
| 336 | Holland 4002 | | | | | Holland Cottonseed Co., Big Spring, TX | Metzer & Supak, 1990 |
| 337 | Holland 850 | HOX850 | 9400132 | | 1993 | Holland Cottonseed Co., Big Spring, TX | D. Bush/PC |
| 338 | HQ 120 CT | CT-12 | 200300108 | | | Seed Source, Inc. | J. Green/PC |
| 339 | HQ 210 CT | SS 9901 | 200100173 | | | Seed Source, Inc. | J. Green/PC |
| 340 | HS 12 | | | | | J & S Research Inc. | Al Hoggard/PC |
| 341 | HS 22 | | | | | | |
| 342 | HS 23 | | 9000150 | | 1990 | Hyperformer Seed Co., Memphis, TN | Al Hoggard/PC |
| 343 | HS 44 | | 9300041 | | | I&S Research Co., Tempe, AZ | Al Hoggard/PC |
| 344 | HS 46 | | 8900104 | | 1989 | Hyperformer Seed Co., Memphis, TN | Al Hoggard/PC |
| 345 | HS Salcot 10 | | 9100145 | | 1990 | J&S Research Co., Tempe, AZ | Al Hoggard/PC |
| 346 | Hurdt 570 | | | | | Hurdt's Quality Seeds, Lubbock, TX | Metzer et al., 1984 |
| 347 | Hurdt 580 | | | | | Hurdt's Quality Seeds, Lubbock, TX | Metzer et al., 1984 |
| 348 | Hurdt 590 | | | | | Hurdt's Quality Seeds, Lubbock, TX | Metzer et al., 1984 |
| 349 | Hurdt 700 | | | | | Hurdt's Quality Seeds, Lubbock, TX | Metzer et al., 1984 |
| 350 | Hurdt 750 | | | | | Hurdt's Quality Seeds, Lubbock, TX | Metzer et al., 1984 |
| 351 | Hurdt 850 | | | | | Hurdt's Quality Seeds, Lubbock, TX | Metzer et al., 1984 |
| 352 | Hurdt 900 | | | | | Hurdt's Quality Seeds, Lubbock, TX | Metzer et al., 1984 |
| 353 | HY 007 | HOX 852 | ? | | | Holland Cottonseed Co., Big Spring, TX | R. Holland/PC |
| 354 | HY 39 | SS109-5 | 9200241 | | | Hyperformer Seed Co., Memphis, TN | PVP Exhibit A |
| 355 | JAJO 8098 | | 200300341 | | 2004 | JAJO Genetics, Baton Rouge, LA | J. Jones/PC |
| 356 | JAJO 8185 | | 200300340 | | 2004 | JAJO Genetics, Baton Rouge, LA | J. Jones/PC |
| 357 | JAJO 8190 | | 200300342 | | 2004 | JAJO Genetics, Baton Rouge, LA | J. Jones/PC |
| 358 | KC 311 | | 8800197 | | | Northrup King, Hartsville, SC | D.L. Burns/PC |
| 359 | KC 380 | | 8700069 | | | Northrup King, Hartsville, SC | D.L. Burns/PC |
| 360 | Kings Acala M5 | | 8900026 | | | J.G. Boswell Co., Corcoran, CA | PVP Exhibit A |

**Table 1 (continued). Identification of cotton cultivars released between 1970 and 2005 and the source of information used in pedigrees.**

| Ref. no | Cultivar name | Experimental designation | PVP no | CS reg. no | Year | Originator or owner | Reference for pedigree |
|---|---|---|---|---|---|---|---|
| **Upland Cotton** | | | | | | | |
| 361 | Kings Acala Plus | | 9400252 | | | J.G. Boswell Co., Corcoran, CA | J. Pellow/PC |
| 362 | KSA81M | | | CV-102 | 1999 | Nat'l Fibre Res. Ctr., Kenya | CS33:212 |
| 363 | LA 887 | LA830887 | 9100065 | CV-97 | 1990 | LA AES | CS31:1701 |
| 364 | Lambright 2020 | | 8800085 | | | Lambright Pedigree Seed Co., Station, TX | J.H. Lambright/PC |
| 365 | Lambright 2020 A | | 9500274 | | | Lambright Pedigree Seed Co., Station, TX | J.H. Lambright/PC |
| 366 | Lambright 2020B | | | | | Lambright Pedigree Seed Co., Station, TX | J.H. Lambright/PC |
| 367 | Lambright GL-4 | | 7200092 | | | Lambright Pedigree Seed Co., Station, TX | J.H. Lambright/PC |
| 368 | Lambright GL-5 | | 7500029 | | | Lambright Pedigree Seed Co., Station, TX | J.H. Lambright/PC |
| 369 | Lambright GL-F | | 7800029 | | | Lambright Pedigree Seed Co., Station, TX | J.H. Lambright/PC |
| 370 | Lambright GL-N | | 7500028 | | | Lambright Pedigree Seed Co., Station, TX | J.H. Lambright/PC |
| 371 | Lambright L-X-28 | | 7200090 | | | Lambright Pedigree Seed Co., Station, TX | J.H. Lambright/PC |
| 372 | Lambright X-15-3-A | | 7200089 | | | Lambright Pedigree Seed Co., Station, TX | J.H. Lambright/PC |
| 373 | Lambright X-15-4 | | 7200091 | | | Lambright Pedigree Seed Co., Station, TX | J.H. Lambright/PC |
| 374 | Lamesa 5 | | | | | Dawson County Seed Co, Lamesa, TX | Metzer et al., 1984 |
| 375 | Lamesa 8 | | | | | Dawson County Seed Co, Lamesa, TX | Metzer et al., 1984 |
| 376 | Lankart 142 | | 9000215 | | 1987 | Lankart Seed Farms, Waco, TX | R.H. Sheetz/PC |
| 377 | Lankart 175 | | 8400153 | | 1976 | Lankart Seed Farms, Waco, TX | Metzer & Supak, 1990 |
| 378 | Lankart 311 | | 8700086 | | 1986 | Lankart Seed Farms, Waco, TX | Metzer & Supak, 1990 |
| 379 | Lankart 511 | | 8600086 | | 1984 | Lankart Seed Farms, Waco, TX | Metzer & Supak, 1990 |
| 380 | Lankart LX 571 | | 7200018 | | | Lankart Seed Farms, Waco, TX | Metzer & Supak, 1990 |
| 381 | Lankart PR 75 | | 8000135 | | 1980 | Pioneer Hybrid Seed Co., Plainview, TX | Metzer & Supak, 1990 |
| 382 | Linwood | CT 13 | | | | Seed Source, Inc. | J. Green/PC |
| 383 | Ligur | R710 | 9900398 | | | Seed Source, Inc. | J. Green/PC |
| 384 | Ligur CT | CT 301 HQ | 200300107 | | | Seed Source, Inc. | J. Green/PC |
| 385 | Lockett 77 | | 7500084 | | 1975 | Lockett Seed Co., Lockett, TX | Metzer et al., 1984 |
| 386 | Lockett BXL | | 7100026 | | 1970 | Lockett Seed Co., Lockett, TX | R.H. Sheetz/PC |
| 387 | McDonald 3 | | | | | Dawson County Seed Co, Lamesa, TX | Metzer & Supak, 1990 |
| 388 | McNair 2l0 | | 7100090 | | 1970 | McNair Seed Co., Laurinburg, NC | D.L. Burns/PC |
| 389 | McNair 220 | | 7600077 | | 1976 | McNair Seed Co., Laurinburg, NC | Metzer & Supak, 1990 |
| 390 | McNair 235 | | | | | McNair Seed Co., Laurinburg, NC | Metzer & Supak, 1990 |
| 391 | McNair 511 | | 7200095 | | 1971 | McNair Seed Co., Laurinburg, NC | D.L. Burns/PC |
| 392 | McNair 612 | | 7400023 | | 1975 | McNair Seed Co., Laurinburg, NC | D.L. Burns/PC |
| 393 | Miscot 8806 | | | CV-118 | 2002 | T. Wallace, MSU | CS:42:2216 |
| 394 | Miscot 8839 | | | | | T. Wallace, MSU | T. Wallace/PC |
| 395 | MD51ne | | | CV-103 | 1991 | USDA-ARS, Stoneville, MS | CS33:1415 |
| 396 | Mocha | | | | | C. Harvey Campbell, David B. Ferguson | |
| 397 | N 2108 SS | | | | 2001 | | Charlie Cook/PC |
| 398 | New Mexico Acala #20 | | 7605014 | | | Private Grower | PVP Exhibit A |
| 399 | NG 1553 R | | | | | | |
| 400 | NG 2448 R | | | | | | |
| 401 | NG 3969 R | | | | | | |
| 402 | Northern Star 5 | | | | | Northern Star Seed Farms, Lubbock, TX | Metzer et al., 1984 |
| 403 | Northern Star 998 | | | | | Northern Star Seed Farms, Lubbock, TX | Metzer et al., 1984 |
| 404 | Northern Star R-4A | | | | | Northern Star Seed Farms, Lubbock, TX | Metzer et al., 1984 |
| 405 | NuCotn 33 | | 9500109 | | | Delta & Pine Land Co., Scott, MS | D. Keim/PC |

**Table 1 (continued). Identification of cotton cultivars released between 1970 and 2005 and the source of information used in pedigrees.**

| Ref. no | Cultivar name | Experimental designation | PVP no | CS reg. no | Year | Originator or owner | Reference for pedigree |
|---|---|---|---|---|---|---|---|
| **Upland Cotton** | | | | | | | |
| 406 | NuCotn 35 | | 9500110 | | | Delta & Pine Land Co., Scott, MS | PVP Exhibit A |
| 407 | NuCotn 64 | | 9500111 | | | Delta & Pine Land Co., Scott, MS | PVP Exhibit A |
| 408 | NuCotn 66 | | 9500112 | | | Delta & Pine Land Co., Scott, MS | PVP Exhibit A |
| 409 | NuCotn 68 | | 9500113 | | | Delta & Pine Land Co., Scott, MS | PVP Exhibit A |
| 410 | OA-262R | OA-262 | 200400152 | | 2004 | O & A Enterprise, Inc. | PVP Exhibit A |
| 411 | OA-265 BR | OA-265 | 200400171 | | 2004 | O & A Enterprise, Inc. | PVP Exhibit A |
| 412 | OA-304 | E 421 | 9500107 | | | O & A Enterprise, Inc. | PVP Exhibit A |
| 413 | Paymaster 101-B | | 7200072 | | | Paymaster Technologies, Inc., Aiken, TX | R.H. Sheetz/PC |
| 414 | Paymaster I I I-A | | 7200071 | | | Paymaster Technologies, Inc., Aiken, I X | R.H. Sheetz/PC |
| 415 | Paymaster 145 | | | | 1976 | Paymaster Technologies, Inc., Aiken, TX | Metzer et al., 1984 |
| 416 | Paymaster 147 | | 8900269 | | 1984 | Paymaster Technologies, Inc., Aiken, TX | Metzer & Supak, 1990 |
| 417 | Paymaster 266 | | 7600043 | | 1971 | Paymaster Technologies, Inc., Aiken, TX | Metzer & Supak, 1990 |
| 418 | Paymaster 303 | | 7500060 | | 1974 | Paymaster Technologies, Inc., Aiken, TX | Metzer & Supak, 1990 |
| 419 | Paymaster 404 | | 8000081 | | 1979 | Paymaster Technologies, Inc., Aiken, TX | Metzer & Supak, 1990 |
| 420 | Paymaster 505 | | | | 1987 | Paymaster Technologies, Inc., Aiken, TX | Metzer & Supak, 1990 |
| 421 | Paymaster 784 | | 7700054 | | 1975 | Paymaster Technologies, Inc., Aiken, TX | R.H. Sheetz/PC |
| 422 | Paymaster 785 | | 7700076 | | 1972 | Paymaster Technologies, Inc., Aiken, TX | R.H. Sheetz/PC |
| 423 | Paymaster 792 | | 7700077 | | 1973 | Paymaster Technologies, Inc., Aiken, TX | R.H. Sheetz/PC |
| 424 | Paymaster 892 | | 8900270 | | 1984 | Paymaster Technologies, Inc., Aiken, TX | R.H. Sheetz/PC |
| 425 | Paymaster Dwarf | | 7300013 | | 1968 | Paymaster Technologies, Inc., Aiken, TX | R.H. Sheetz/PC |
| 426 | Paymaster HS 26 | | 8600087 | | 1983 | Paymaster Technologies, Inc., Aiken, TX | R.H. Sheetz/PC |
| 427 | Paymaster HS200 | | 9000216 | | 1986 | Paymaster Technologies, Inc., Aiken, TX | R.H. Sheetz/PC |
| 428 | Paymaster PM 183 | | 9500156 | | | Paymaster Technologies, Inc., Aiken, TX | R.H. Sheetz/PC |
| 429 | Paymaster PM 280 | | 9500157 | | | Paymaster Technologies, Inc., Aiken, TX | R.H. Sheetz/PC |
| 430 | Paymaster PM 330 | | 9500158 | | | Paymaster Technologies, Inc., Aiken, TX | R.H. Sheetz/PC |
| 431 | Paymaster PM 1199 RR | | 200100222 | | | | PVP Exhibit A |
| 432 | Paymaster PM 1210 | | | | | | J. Jones/PC |
| 433 | Paymaster PM 1215 BG | | 9700122 | | 2002 | LA AES | J. Jones/PC |
| 434 | Paymaster PM 1215 RR | | 9700123 | | 2002 | LA AES | J. Jones/PC |
| 435 | Paymaster PM 1218 BG/RR | | 20000213 | | 2003 | LA AES | J. Jones/PC |
| 436 | Paymaster PM 1220 BG | | 9700124 | | 2002 | LA AES | J. Jones/PC |
| 437 | Paymaster PM 1220 BG/RR | | 9700125 | | 2002 | LA AES | J. Jones/PC |
| 438 | Paymaster PM 1220 RR | | 9700126 | | 2002 | LA AES | J. Jones/PC |
| 439 | Paymaster PM 1244 BG | | 9700127 | | 2002 | LA AES | J. Jones/PC |
| 440 | Paymaster PM 1244 BG/RR | | 9700128 | | 2002 | LA AES | J. Jones/PC |
| 441 | Paymaster PM 1244 RR | | 9700129 | | | LA AES | |
| 442 | Paymaster PM 1266 | | | | | | |
| 443 | Paymaster PM 1277 | | | | | | |
| 444 | Paymaster PM 1330 BG | | 9700110 | | | LA AES | F. Borland/PC |
| 445 | Paymaster PM 1330 BG/RR | | 9700109 | | | LA AES | F. Borland/PC |
| 446 | Paymaster PM 1330 RR | | 9700111 | | | LA AES | F. Borland/PC |
| 447 | Paymaster PM 1440 | | | | | | |
| 448 | Paymaster PM 1560 BG | | 9700130 | | | LA AES | J. Jones/PC |
| 449 | Paymaster PM 1560 BG/RR | | 9700131 | | | LA AES | J. Jones/PC |
| 450 | Paymaster PM 1560 RR | | 9700132 | | 1999 | LA AES | J. Jones/PC |

**Table 1 (continued). Identification of cotton cultivars released between 1970 and 2005 and the source of information used in pedigrees.**

| Ref. no | Cultivar name | Experimental designation | PVP no | CS reg. no | Year | Originator or owner | Reference for pedigree |
|---|---|---|---|---|---|---|---|
| **Upland Cotton** | | | | | | | |
| 451 | Paymaster PM 2145 RR | | 9800175 | | | | |
| 452 | Paymaster PM2156 RR | | 200100163 | | | | |
| 453 | Paymaster PM 2192 BG | | 9900195 | | 2000 | | |
| 454 | Paymaster PM 2200 RR | | 9700140 | | | | |
| 455 | Paymaster PM 2280 BG/RR | | 9900192 | | | | |
| 456 | Paymaster PM 2320 RR | | 9900193 | | | | |
| 457 | Paymaster PM 2326 BG/RR | | 9900191 | | | | |
| 458 | Paymaster PM 2326 RR | | 9700141 | | | | |
| 459 | Paymaster PM 2330 RR | | 9900194 | | | | |
| 460 | Paymaster PM 2379 RR | | 200100150 | | | | |
| 461 | PD-1 | PD4548 | | CV-85 | 1985 | USDA-ARS & SC AES | CS25:198 |
| 462 | PD-2 | PD6520 | | CV-86 | 1985 | USDA-ARS & SC AES | CS25:198-190 |
| 463 | PD-3 | PD6208 | 8800117 | CV-92 | 1988 | USDA-ARS & SC AES | CS28:190 |
| 464 | Phytogen 33 Acala | B2584 | 9700152 | | | J. C. Boswell | PVP Exhibit A |
| 465 | Phytogen GA 161 | | | CV-117 | 2001 | | CS41:1995 |
| 466 | Phytogen PSC 355 | | | | | | |
| 467 | Phytogen PSC 413 | B7413 | 9900288 | | 1999 | Phytogen Seed Co. | PVP Exhibit A |
| 468 | Phytogen 410 R | | | | | | |
| 469 | Phytogen 440 W | | | | | | |
| 470 | Phytogen 470 WR | | | | | | |
| 471 | Phytogen 480 WR | | | | | | |
| 472 | Phytogen 485 WRF | | | | | | |
| 473 | Phytogen 510 R | | | | | | |
| 474 | Phytogen PSC 556 | JAJO 9556/PSC 556 | | | | JAJO Genetics, Baton Rouge, LA | J. Jones/PC |
| 475 | Phytogen PSC 569 | JAJO 9569/PSC 569 | | | | JAJO Genetics, Baton Rouge, LA | J. Jones/PC |
| 476 | Phytogen PSC 636 | | | | | | |
| 477 | Phytogen 710 R | | | | | | |
| 478 | Phytogen GA 894 | | | | | | |
| 479 | Phytogen PSC 952 | | | | | | |
| 480 | Pioneer Brand PR 68 | | 7800104 | | 1978 | Pioneer Hybrid Seed Co., Plainview, TX | Metzer et al., 1984 |
| 481 | PR 80 | | 8000136 | | | Pioneer Hybrid Seed Co., Plainview, TX | Metzer & Supak, 1990 |
| 482 | Prolific Stormproof | | | | | Von Roeder Seed Farms, Snyder, TX | Metzer et al., 1984 |
| 483 | Pronto | | | | 1976 | LA AES | LA LAES Circular No. 103 |
| 484 | Quapaw | 61-28 or 62-5 or 63-22 | 7200069 | | | Rogers Cotton Seed Co., Waco, TX | PVP Exhibit A |
| 485 | Quapaw D | | 8600085 | | | Rogers Cotton Seed Co., Waco, TX | PVP Exhibit A |
| 486 | Raider 202 | | | | 2000 | Dick Auld, Texas Tech | D. Auld/PC |
| 487 | Raider 271 | | | | 2000 | Dick Auld, Texas Tech | D. Auld/PC |
| 488 | Ranger 55 | | | | | Ranger Seed Co., Tahoka, TX | Metzer et al., 1984 |
| 489 | Ranger 64-2 | | | | | Ranger Seed Co., Tahoka, TX | Metzer & Supak, 1990 |
| 490 | Ranger BB-53 | | | | | Ranger Seed Co., Tahoka, TX | Metzer et al., 1984 |
| 491 | Ranger RV-12 | | | | | Ranger Seed Co., Tahoka, TX | Metzer et al., 1984 |
| 492 | Ranger RV-64 | | | | | Ranger Seed Co., Tahoka, TX | Metzer et al., 1984 |
| 493 | Ranger TM-62 | | | | | Ranger Seed Co., Tahoka, TX | Metzer et al., 1984 |
| 494 | Rex 713 | | 7700028 | | | AR AES | PVP Exhibit A |
| 495 | Rilcot 90 | | | | | Rilcot Seed Co., Littlefield, TX | Metzer et al., 1984 |

**Table 1 (continued). Identification of cotton cultivars released between 1970 and 2005 and the source of information used in pedigrees.**

| Ref. no | Cultivar name | Experimental designation | PVP no | CS reg. no | Year | Originator or owner | Reference for pedigree |
|---|---|---|---|---|---|---|---|
| **Upland Cotton** | | | | | | | |
| 496 | Rilcot 90-A | | 7600042 | | | Rilcot Seed Co., Littlefield, TX | Metzer & Supak, 1990 |
| 497 | Rilcot 95 | | | | | Rilcot Seed Co., Littlefield, TX | Metzer et al., 1984 |
| 498 | Rilcot Balebuster-I | | | | | Rilcot Seed Co., Littlefield, TX | Metzer et al., 1984 |
| 499 | Rilcot Drylander 289 | | | | | Rilcot Seed Co., Littlefield, TX | Metzer et al., 1984 |
| 500 | Rilcot RK-6 | | | | | Rilcot Seed Co., Littlefield, TX | Metzer et al., 1984 |
| 501 | Rilcot Stripper N | | 7100027 | | | Rilcot Seed Co., Littlefield, TX | Metzer et al., 1984 |
| 502 | Rogers 7590 | | 8500213 | | 1986 | Rogers Cotton Seed Co., Waco, TX | PVP Exhibit A |
| 503 | Rogers GL-6 | | 7200059 | | | Rogers Cotton Seed Co., Waco, TX | PVP Exhibit A |
| 504 | Rogers LG 86 | | 8900125 | | 1986 | Rogers Cotton Seed Co., Waco, TX | PVP Exhibit A |
| 505 | Rogers LG-10 | | 7900030 | | | Rogers Cotton Seed Co., Waco, TX | Metzer et al., 1984 |
| 506 | Rogers LG-102 | | 8100024 | | | Rogers Cotton Seed Co., Waco, TX | Metzer et al., 1984 |
| 507 | S-35 | | 8900207 | | | Seed Source, Inc., Leland, MS | J.M. Green/PC |
| 508 | S-55 | | 8900208 | | | Seed Source, Inc., Leland, MS | J.M. Green/PC |
| 509 | San Simon Del Cerro | | 9000256 | | | | PVP Exhibit A |
| 510 | SC-1 | PD9241 | | CV-72 | 1979 | AR-SEA-USDA & SC AES | CS19:410 |
| 511 | Sicot 53 | | | | | CSIRO | http://pbr.ipaustralia.plantbreeders.gov.au/ |
| 512 | Sicot 70 | | | | | CSIRO | http://pbr.ipaustralia.plantbreeders.gov.au/ |
| 513 | Sicot 72 | | | | | CSIRO | http://pbr.ipaustralia.plantbreeders.gov.au/ |
| 514 | Sicot 80 | | | | | CSIRO | http://pbr.ipaustralia.plantbreeders.gov.au/ |
| 515 | Sicot 189 | | | | | CSIRO | http://pbr.ipaustralia.plantbreeders.gov.au/ |
| 516 | SioKra L23 | | | | | CSIRO | http://pbr.ipaustralia.plantbreeders.gov.au/ |
| 517 | SioKra S-102 | | | | | CSIRO | http://pbr.ipaustralia.plantbreeders.gov.au/ |
| 518 | SioKra V-16 | | | | | CSIRO | http://pbr.ipaustralia.plantbreeders.gov.au/ |
| 519 | SioKra V-17 | | | | | CSIRO | http://pbr.ipaustralia.plantbreeders.gov.au/ |
| 520 | Sisco 772 | | | | | Hal Lewis, Hyperformer Seeds | |
| 521 | Si Samrong 60 | AG 18 | | CV-95 | 1988 | Field Crops Res. Inst., Thailand | CS29:236 |
| 522 | Simwalt 82 | | 8400010 | | 1982 | OK AES | L.M. Verhalen/PC |
| 523 | SNI-15 | | 9500099 | | | Shades of Nature, Int'l | PVP Exhibit A |
| 524 | Southland 400 | | 9000154 | | 1986 | Southland Seed Co., Slaton, TX | PVP Exhibit A |
| 525 | Southland MI | | 8900079 | | 1986 | Southland Seed Co., Slaton, TX | PVP Exhibit A |
| 526 | Southwest 222 | | | | | Technical Seed Proc., Brownfield, TX | Metzer & Supak, 1990 |
| 527 | Southwest 227 | | | | | Technical Seed Proc., Brownfield, TX | Metzer & Supak, 1990 |
| 528 | Southwest 584 | | | | | Technical Seed Proc., Brownfield, TX | Metzer & Supak, 1990 |
| 529 | SS 9501 | | | | | Seed Source, Inc. | J. Green/PC |
| 530 | SS 9815 | | 200100172 | | | Seed Source, Inc. | J. Green/PC |
| 531 | SS 9901 | HQ 210 CT | 200100173 | | | Seed Source, Inc. | J. Green/PC |
| 532 | SS 9907 | | | | | Seed Source, Inc., Stoneville, MS | J. Green/PC |
| 533 | Stoneville 112 | | 8500162 | | 1985 | Stoneville Pedigreed Seed Co., Stoneville, MS | L. McDonald/PC |
| 534 | Stoneville 132 | ST69132 | 9300070 | | 1992 | Stoneville Pedigreed Seed Co., Stoneville, MS | PVP Exhibit A |
| 535 | Stoneville 239 | ST 93919 | 9900177 | | 1998 | Emergent Genetics, Inc. | PVP Exhibit A |
| 536 | Stoneville 256 | | 7500102 | | 1977 | Stoneville Pedigreed Seed Co., Stoneville, MS | L. McDonald/PC |
| 537 | Stoneville 302 | | 8200051 | | 1981 | Stoneville Pedigreed Seed Co., Stoneville, MS | L. McDonald/PC |
| 538 | Stoneville 324 | 01324 | 9200054 | | | Stoneville Pedigreed Seed Co., Stoneville, MS | PVP Exhibit A |
| 539 | Stoneville 373 | | 9900166 | | | Emergent Genetics, Inc. | |
| 540 | Stoneville 453 | | 8800173 | | 1988 | Stoneville Pedigreed Seed Co., Stoneville, MS | D.M. Panter/PC |

**Table 1 (continued). Identification of cotton cultivars released between 1970 and 2005 and the source of information used in pedigrees.**

| Ref. no | Cultivar name | Experimental designation | PVP no | CS reg. no | Year | Originator or owner | Reference for pedigree |
|---|---|---|---|---|---|---|---|
| **Upland Cotton** | | | | | | | |
| 541 | Stoneville 457 | | 200200277 | | | Emergent Genetics, Inc. | |
| 542 | Stoneville 468 | | 200000284 | | 2000 | Emergent Genetics, Inc. | |
| 543 | Stoneville 474 | STX 9573 | 9400152 | | | Stoneville Pedigreed Seed Co., Stoneville, MS | D.M. Panter/PC |
| 544 | Stoneville 495 | STX 94332 | 9600108 | | 1996 | Stoneville Pedigreed Seed Co., Stoneville, MS | D.M. Panter/PC |
| 545 | Stoneville 506 | | 8100059 | | 1982 | Stoneville Pedigreed Seed Co., Stoneville, MS | D.M. Panter/PC |
| 546 | Stoneville 580 | | 200200056 | | | Emergent Genetics, Inc. | |
| 547 | Stoneville 603 | | 7300057 | | 1975 | Stoneville Pedigreed Seed Co., Stoneville, MS | D.M. Panter/PC |
| 548 | Stoneville 731N | | 7600048 | | 1977 | Stoneville Pedigreed Seed Co., Stoneville, MS | D.M. Panter/PC |
| 549 | Stoneville 825 | | 7900024 | | 1981 | Stoneville Pedigreed Seed Co., Stoneville, MS | D.M. Panter/PC |
| 550 | Stoneville 907 | ST 89545, ST 7907 | 9200016 | | 1991 | Stoneville Pedigreed Seed Co., Stoneville, MS | D.M. Panter/PC |
| 551 | Stoneville 1553 R | | | | 2004 | Emergent Genetics, Inc. | |
| 552 | Stoneville 2448 R | | | | 2004 | Emergent Genetics, Inc. | |
| 553 | Stoneville 3539 BR | | 200200276 | | | Emergent Genetics, Inc. | |
| 554 | Stoneville 3664 R | | | | 2005 | Emergent Genetics, Inc. | |
| 555 | Stoneville 4563 B2 | STX 0103 | 200300275 | | 2003 | Emergent Genetics, Inc. | PVP Exhibit A |
| 556 | Stoneville 4575 BR | | | | 2005 | Emergent Genetics, Inc. | |
| 557 | Stoneville 4646 B2R | | | | | Emergent Genetics, Inc. | |
| 558 | Stoneville 4686 R | | | | 2005 | Emergent Genetics, Inc. | Unknown |
| 559 | Stoneville 4691 B | X 9901 | 200000252 | | 2000 | Emergent Genetics, Inc. | PVP Exhibit A |
| 560 | Stoneville 4740 BG | | | | 1999 | Emergent Genetics, Inc. | |
| 561 | Stoneville 4793 R | X 9903 | 200100213 | | 2000 | Emergent Genetics, Inc. | PVP Exhibit A |
| 562 | Stoneville 4892 BR | X 9902 | 200000253 | | 2000 | Emergent Genetics, Inc. | PVP Exhibit A |
| 563 | Stoneville 5222 B2 | | 200300279 | | 2003 | Emergent Genetics, Inc. | |
| 564 | Stoneville 5242 BR | | | | 2004 | Emergent Genetics, Inc. | |
| 565 | Stoneville 5303 R | STX 0003 R | 200300280 | | 2003 | Emergent Genetics, Inc. | PVP Exhibit A |
| 566 | Stoneville 5599 BR | STX 9905 | | | 2003 | Emergent Genetics, Inc. | Unknown |
| 567 | Stoneville 6636 BR | | | | 2005 | Emergent Genetics, Inc. | |
| 568 | Stoneville 6848 R | | | | 2005 | Emergent Genetics, Inc. | |
| 569 | Stoneville BR-110 | | 8500031 | | 1985 | Ron Thorp, Stanfield, AZ | Metzer & Supak, 1990 |
| 570 | Stoneville BR-115 | | 8700136 | | 1987 | Ron Thorp, Stanfield, AZ | Metzer & Supak, 1990 |
| 571 | Stoneville BXN 16 | SBX016 | 9900176 | | 1999 | Emergent Genetics, Inc. | PVP Exhibit A |
| 572 | Stoneville BXN 49B | STX 0001 | 200200195 | | 2002 | Emergent Genetics, Inc. | PVP Exhibit A |
| 573 | Stripper 31A | | 7400088 | | | Gro-Agri Seed Co., Lubbock, TX | Metzer et al., 1984 |
| 574 | Stroman 254 | | | | | Gro-Agri Seed Co., Lubbock, TX | Metzer & Supak, 1990 |
| 575 | Sure Grow 1001 | | 9000138 | | | Sure-Grow, Leland, MS | R.R. Bridge/PC |
| 576 | Sure Grow 96 | | 9900180 | | | | PVP Exhibit A |
| 577 | Sure Grow 105 | | 9900299 | | | | PVP Exhibit A |
| 578 | Sure Grow 125 | | 9400063 | | | Sure-Grow, Leland, MS | PVP Exhibit A |
| 579 | Sure Grow 125 B/R | | 9900190 | | | | PVP Exhibit A |
| 580 | Sure Grow 125 R | | 9900302 | | | | |
| 581 | Sure Grow 150 BR | | 20010015 | | 2000 | | PVP Exhibit A |
| 582 | Sure Grow 150 R | | | | 2000 | | J. Creech/PC |
| 583 | Sure Grow 180 | | 9700090 | | | | PVP Exhibit A |
| 584 | Sure Grow 209 | | 9700091 | | | | PVP Exhibit A |
| 585 | Sure Grow 215 BG/RR | | | | 2001 | | J. Creech/PC |

**Table 1 (continued). Identification of cotton cultivars released between 1970 and 2005 and the source of information used in pedigrees.**

| Ref. no | Cultivar name | Experimental designation | PVP no | CS reg. no | Year | Originator or owner | Reference for pedigree |
|---|---|---|---|---|---|---|---|
| **Upland Cotton** | | | | | | | |
| 586 | Sure Grow 248 | | 9700092 | | | | PVP Exhibit A |
| 587 | Sure Grow 348 | | | | | | J. Creech/PC |
| 588 | Sure Grow 404 | | 9400049 | | | Sure-Grow, Leland, MS | PVP Exhibit A |
| 589 | Sure Grow 501 | | 9300173 | | | Sure-Grow, Leland, MS | PVP Exhibit A |
| 590 | Sure Grow 521 BR | | 200100152 | | 2000 | | PVP Exhibit A |
| 591 | Sure Grow 521 R | | | | 2000 | | J. Creech/PC |
| 592 | Sure Grow 585 B | | 9900300 | | | | PVP Exhibit A |
| 593 | Sure Grow 585 R | | 9900301 | | | | PVP Exhibit A |
| 594 | Sure Grow 622 | | | | | | J. Creech/PC |
| 595 | Sure Grow 747 | | | | | | J. Creech/PC |
| 596 | Sure Grow 821 | | | | | | J. Creech/PC |
| 597 | SV 13 | | 8500056 | | 1986 | J&S Research Co., Tempe, AZ | PVP Exhibit A |
| 598 | SV 93 | | 8500075 | | 1985 | J&S Research Co., Tempe, AZ | PVP Exhibit A |
| 599 | Tamcot 22 | | | | 2005 | TX AES | P. Thaxton/PC |
| 600 | Tamcot 2111 | TAM 211 | 9100221 | | | TX AES | PVP Exhibit A |
| 601 | Tamcot 788 | | | | | TX AES | Metzer et al., 1984 |
| 602 | Tamcot CAB-CS | TX-CABCS-1-81 | 8500066 | CV-87 | 1985 | TX AES | CS 26:384-385 |
| 603 | Tamcot CAMD:E | 203Q,B.V.72 and H6-2-72 | 7800075 | CV-74 | 1977 | TX AES | CSI 9:411412, TAES Bull. L-1720 |
| 604 | Tamcot CD3H | TX-CPD37HH-1-83 | 8600164 | CV-94 | 1986 | TX AES | CS28:574-578 |
| 605 | Tamcot GCNH | TX-GCANH-1-83 | 87000141 | | 1988 | TX AES | TAES BUL. L-2266 |
| 606 | Tamcot HQ95 | MAR-CABUCD3H-1-86 | 9000092 | CV-96 | 1990 | TX AES | CS30:1359-1360 |
| 607 | Tamcot Luxor | | 9900394 | CV-119 | 2004 | TX AES | CS43:2299 |
| 608 | Tamcot Pyramid | | 200100114 | CV-120 | 2004 | TX AES | CS44:343 |
| 609 | Tamcot SP21 | | 7200047 | CV-61 | 1971 | TX AES | CS16:884 |
| 610 | Tamcot SP21S | TX-CAMD-S | 7800074 | CV-73 | 1977 | TX AES | CS19:410 |
| 611 | Tamcot SP23 | | 7200045 | CV-62 | 1971 | TX AES | CS16:884 |
| 612 | Tamcot SP37 | | 7200046 | CV-63 | 1971 | TX AES | CS16:884 |
| 613 | Tamcot SP37H | TX-CAMD-H | 7800096 | CV-75 | 1977 | TX AES | CS19:412, TAES Bull. L-1672 |
| 614 | Tamcot Sphinx | MAR-CD3PIHP45H-1-89 | 9600134 | CV-109 | 1995 | TX AES | CS 36:1074 |
| 615 | Tejas | | 9500252 | | | Brownfield Seed & Delinting Co., B'fld, TX | B. Dumas/PC |
| 616 | Terra 207 | | 8800133 | | | Terra Industries, Inc., Memphis, TN | F.M. Miller/PC |
| 617 | Terra 292 | HAS 229, Terra 90-292-91E | 9200150 | | | Terra Industries, Inc., Memphis, TN | PVP Exhibit A |
| 618 | Terre 302 | | 9500072 | | | Terra Industries, Inc., Memphis, TN | PVP Exhibit A |
| 619 | Terra 366 | | 9500073 | | | Terra Industries, Inc., Memphis, TN | PVP Exhibit A |
| 620 | Terra C-30 | | 8500155 | | | Terra Industries, Inc., Memphis, TN | Metzer & Supak, 1990 |
| 621 | Terra C-40 | | 8500154 | | | Terra Industries, Inc., Memphis, TN | Metzer & Supak, 1990 |
| 622 | Terra SR-10 | | 8500088 | | | Terra Industries, Inc., Memphis, TN | Metzer & Supak 1990 |
| 623 | Texas 121 | | | | | South Texas Planting Seed | T. Kilgore/PC |
| 624 | Texas 224 | | 9800201 | | | South Texas Planting Seed | T. Kilgore/PC |
| 625 | Texas 244 | | | | | South Texas Planting Seed | |
| 626 | Texas 300 | | 9800200 | | | South Texas Planting Seed | T. Kilgore/PC |
| 627 | Thorpe | | 7300092 | | 1973 | OK AES & USDA-ARS | L.M. Verhalen/PC |
| 628 | Tifcot 56 | | 8700152 | | | GA AES | S.H. Baker/PC |
| 629 | TPSA 1633 | 65-PR-1633 | 7200081 | | 1972 | Texas Planting Seed Assn. | PVP Exhibit A |
| 630 | TSP 333-HS | | | | | Technical Seed Proc., Brownfield, TX | Metzer & Supak, 1990 |

**Table 1 (continued). Identification of cotton cultivars released between 1970 and 2005 and the source of information used in pedigrees.**

| Ref. no | Cultivar name | Experimental designation | PVP no | CS reg. no | Year | Originator or owner | Reference for pedigree |
|---|---|---|---|---|---|---|---|
| **Upland Cotton** | | | | | | | |
| 631 | UAPX-001 | | 9500103 | | | L.N. Namken, Weslaco, TX | PVP Exhibit A |
| 632 | UAPX-003 | | 9500104 | | | L.N. Namken, Weslaco, TX | PVP Exhibit A |
| 633 | UAPX-006 | | 9500105 | | | L.N. Namken, Weslaco, TX | PVP Exhibit A |
| 634 | Ultra | | | | | Seedco | |
| 635 | UTE | | 9700283 | | | | |
| 636 | Westburn 70 | | | CV-54 | 1971 | OK AES & CRD-ARS-USDA | PVP Exhibit A |
| 637 | Westburn M | | 7700049 | | 1976 | OK AES & CRD-ARS-USDA | Metzer et al., 1984 |
| 638 | Western 44 | | | | | Von Roeder Seed Farms, Snyder, TX | Metzer et al., 1984 |
| 639 | WG 4207 | | | | | West Gaines Seed and Delinting | |
| 640 | WG 8120 | | | | | West Gaines Seed and Delinting | |
| 641 | Wiltmaster 569 | | | | | All-Tex Seed Co., Levelland, TX | Metzer et al., 1984 |
| 642 | Wiltmaster 571 | | | | | All-Tex Seed Co., Levelland, TX | Metzer et al., 1984 |
| **Pima Cotton** | | | | | | | |
| 1 | Buffalo | | 9400039 | | | Sally Vreseis Fox | PVP Exhibit A |
| 2 | CH252 | | 9000211 | | 1989 | Chaney Ranch, CA | PVP Exhibit A |
| 3 | CH253 | | 9000221 | | 1989 | Chaney Ranch, CA | PVP Exhibit A |
| 4 | Conquistador | O&A 312 | 9500108 | | | Olvey & Assoc., Maricopa, AZ | PVP Exhibit A |
| 5 | Cobalt Pima | | | | 2005 | CPCSD, Shafter, CA | S.R. Oakley/PC |
| 6 | DP 340 Pima | OA-340 | 200200111 | | 2002 | O & A Enterprise, Inc. | PVP Exhibit A |
| 7 | DP White Pima | OA-337 | 9800191 | | 1998 | O & A Enterprise, Inc. | PVP Exhibit A |
| 8 | DP HTO | OA-333 | 9800192 | | 1998 | O & A Enterprise, Inc. | PVP Exhibit A |
| 9 | DP 744 | UA-4 | 200100004 | | 2001 | O & A Enterprise, Inc. | PVP Exhibit A |
| 10 | Deltapine 9911 Pima | | 9400117 | | | Delta and Pine Land Co., Scott, MS | PVP Exhibit A |
| 11 | OA-304 | E421 | 9500107 | | | Olvey & Assoc., Maricopa, AZ | PVP Exhibit A |
| 12 | Oro Blanco Pima | | 9300175 | | | I.G. Boswell Co., Corcoran, CA | H.B. Cooper/PC |
| 13 | Palo Verde | | 9400040 | | | Sally Vreseis Fox | PVP Exhibit A |
| 14 | Pima S-5 | P-29 | | CV-60 | 1975 | USDA-ARS & AZ, NM & TX AFS | CS16:604 |
| 15 | Pima S-6 | | | CV-81 | 1984 | USDA-ARS & AZ, NM & TX AES | CS24:382 |
| 16 | Pima S-7 | | | CV-101 | 1991 | USDA-ARS & AZ AES | CS32:1291 |
| 17 | Platinum Pima | E104 | 200400156 | | 2003 | CPCSD, Shafter, CA | S.R. Oakley/PC |
| 18 | PSC 57 Pima | P3822 | 9900020 | | 1998 | Phytogen Seed Company, LLC | J.F. Mahill/PC |
| 19 | PHY 76 Pima | P 7049 | 200100121 | | 2001 | Phytogen Seed Company, LLC | J.F. Mahill/PC |
| 20 | PHY 800 Pima | P 11061 | US Patent | | 2004 | Phytogen Seed Company, LLC | J.F. Mahill/PC |

**Table 2. Pedigrees of cotton cultivars released between 1970 and 2005.**

| Ref. no | Cultivar Name | Pedigree | Notes on Pedigree |
|---|---|---|---|
| **Upland Cotton** | | | |
| 1 | 173-90 | No information available at this printing | |
| 2 | 7563 | PM 266-69/Lockett 99-1 | Lockett 99-1=Lockett 4789-A/Lubbock 4; See parents in Table 3 |
| 3 | 9023 | Southland 400/CA3026 | CA3026 (Table 3) |
| 4 | Acala 1517-02 | Prema//Acala 1517-95/GC-362 | |
| 5 | Acala 1517-03 | B4222/H1014 | |
| 6 | Acala 1517-04 | Acala 1517-95/87D3-24 | |
| 7 | Acala 1517-70 | B1413/Hopicala | B1413=250/49W//250/9136 (See parents in Table 3); Hopicala (Table 3) |
| 8 | Acala 1517-75 | Acala 688/Acala 9608 | 688=Sib. Acala 1517V; 9608=DP14/K3131; K3131 From Africa; DP 14 (Table 3) |
| 9 | Acala 1517-77 | Acala 1517-70/Unknown Storm Resistant | |
| 10 | Acala 1517-77BR | Sel. Acala 1517-77 | |
| 11 | Acala 1517-88 | Acala 1517-77BR/DP 70 | |
| 12 | Acala 1517-91 | Acala 8130/Acala 8874 | 8130=Sel. Acala 1517-70; Acala 8874 (Table 3) |
| 13 | Acala 1517-95 | Acala 3080/PD2165 | Acala 3080=NMB3080 (Table 3); PD2165 (Table 3) |
| 14 | Acala 1517-99 | B742/E1141 | B742=Acala 9136/250 |
| 15 | Acala 1517-SR1 | Acala 1517-E1/Unknown Storm Resistant | |
| 16 | Acala 1517-SR2 | Acala 1517-E1/Unknown Storm Resistant | Sib. Acala 1517-SR1 |
| 17 | Acala 1517-SR3 | Acala 1517-E1/Unknown Storm Resistant | Same pedigree as Acala 1516-SR2, with additional selection for verticillium wilt tolerance |
| 18 | Acala 1517C | 1544/1557 | Pedigree of 1544 and 1557 lost in fire; Possible sib of original Acala 1517 |
| 19 | Acala 1517E-1 | Acala 3080/PD2165 | Acala 3080=NMB3080 (Table 3); PD2165 (Table 3) |
| 20 | Acala 1517E-2 | Sel. Acala 1517E-1 | |
| 21 | Acala 15 17V | Acala 2503/Coquette | See parents in Table 3 |
| 22 | Acala BXN Nova | Maxxa *5/Stv. BXN 57 | |
| 23 | Acala Diva | B4164/A1618 | A1618=Acala Prema |
| 24 | Acala Fiesta RR | Acala Maxxa*6/1445 | See parents in Table 3 |
| 25 | Acala GLS | L2950/B5663 | See parents in Table 3 |
| 26 | Acala GTO Maxxa | B4164/B2724 | See parents in Table 3 |
| 27 | Acala Maxxa | T7538/S4959 | T7538=S196/NMI900-1; S4959=12302-4//C6TE/NMB7378; See parents in Table 3 |
| 28 | Acala Nem-X | B1662/N-3 | B1662=T6754/T7044; N-3=Sel. N6072; N6072=12302/Tanguis; See parents in Table 3 |
| 29 | Acala Nem-X HY | N656/Acala Prema | N656=B1662/N6074; See parents in Table 3 |
| 30 | Acala Prema | T4584/T5692 | T4584=AXTE-1 I/NM49-2; T5692=C6TE/NMB3080; See parents in Table 3 |
| 31 | Acala Riata RR | Acala Maxxa *6/1445 | 1445=Monsanto line carry RR gene |
| 32 | Acala Royale | T6754/T7044 | T6754=C6TE/NMB3080; T7044=AXTE1 -57/Tex E364; See parents in Table 3 |
| 33 | Acala Sierra RR | Acala Maxxa *6/1445 | |
| 34 | Acala SJ-2 | AXTE-I/NM 2302 | (Multiline of 5918 & 5845); See parents in Table 3 |
| 35 | Acala SJ-3 | C6TE/NMB7378 | See parents in Table 3 |
| 36 | Acala SJ-4 | C6TE/NMB3080 | From F4 Bulk, See parents in Table 3 |
| 37 | Acala SJ-5 | C6TE/NMB3080 | From F5 Bulk; See parents in Table 3 |
| 38 | Acala SJC-1 | C6TE/NMB3080//NM7403/Acala 4-42-77 | Sib of Acala GC-5 10; See parents in Table 3 |
| 39 | Acala Summit | B4164/B5663 | B4164=Acala Maxxa |
| 40 | Acala Ultima | B4164/B2724 | |
| 41 | Acala Ultima EF | B9621/D842 | B9621=sib of Acala Ultima; D842=B3302/B1644; See parents in Table 3 |
| 42 | AgriPro AP 4103 | Dp 5461/Dp 5690 | |
| 43 | AgriPro AP 6101 | Dp 41/Dp 5415 | |

**Table 2 (continued). Pedigrees of cotton cultivars released between 1970 and 2005.**

| Ref. no | Cultivar Name | Pedigree | Notes on Pedigree |
|---|---|---|---|
| **Upland Cotton** | | | |
| 44 | AgriPro AP6102 | 81-66/Dp 5415 | 81-66=sel. Dp. 41 |
| 45 | AgriPro AP7114 | | |
| 46 | AgriPro AP 7115 | La. 887/Dp 5415 | |
| 47 | All-Tex 857 | Sel. Lankart 57 | Table 3 |
| 48 | All-Tex Atlas | CA 3006/Sel. PM HS 26 | CA 3006 in Table 3 |
| 49 | All-Tex E-2 | Tamcot CAMD-E/PM 792 | |
| 50 | All-Tex Excess | CA 3004/PM 145 | CA 3004 in Table 3 |
| 51 | All-Tex Max-9 | CA 3006/DP Acala 90 | CA 3006 in Table 3 |
| 52 | All-Tex Quickie | ORHU-1-78/Tamcot CAMD-E | ORHU-1-78 (Table 3) |
| 53 | All-Tex Top Pick | Dess 333-50 | |
| 54 | All-Tex Wiltmaster 571 | CA 803/AZ 6024 | See parents in Table 3 |
| 55 | All-Tex Xpress | Sel. All-Tex Quickie | |
| 56 | Americot 951 | Dp. 51//TXLEBO278/Aubne 213///TAM3R3116 | |
| 57 | Americot 1621 | All-Tex Quickie/Stv. 453//Arkot 8506-23 | |
| 58 | Americot 4207 | MD51ne/DES 333//MAR 411BF88 China | |
| 59 | Americot 8120 | MD25/Stv. 112//Arkot 8001-12 | |
| 60 | Apache | PM 145/DP SR383 | |
| 61 | Arkot 518 | Rex 713/CKR 304 | |
| 62 | AZ 64 | AC239/AZ6010 | AC239 = presumed sel. Pee Dee line AC (Table 3); AZ6010 (Table 3) |
| 63 | BC4 | No information available at this printing | |
| 64 | BCG 25R | | |
| 65 | BCG 28R | | |
| 66 | BCG 30R | | |
| 67 | BCG 245 | | |
| 68 | BCG 295 | | |
| 69 | Blanco 3363 | CA398/Lankart 611 | See parents in Table 3 |
| 70 | Blightmaster A-5 | Stormmaster/Stoneville 20/Acala 5675/3/Stormmaster | See parents in Table 3; Same pedigree as Blightmaster and CA291A (Table 3) |
| 71 | BR-636 | DP 70/DP Acala 90 | |
| 72 | Bronco 360 | Lankart G-3/Lankart 6024 | Lankart 6024=Lankart/Acala; Lankart 6024=Lankart/AZ6024? |
| 73 | Bronco 414 | Sel. Lankart KC-G3-14124 | |
| 74 | Bronco 625 | Sel. Lankart 57 | Table 3 |
| 75 | Bronco 693 | PM 303-T//6IM283/PM145 | 61M283=Empire/Acala; Empire (Table 3) |
| 76 | BXN 57 | Sel. CKR 315 with BXN gene via tissue culture transformation | BXN gene confers resistance to herbicide Bromoxinyl |
| 77 | BXN 58 | Sel. CKR 315 with BXN gene via tissue culture transformation | BXN gene confers resistance to herbicide Bromoxinyl |
| 78 | Carolina ES 300 | Composite of Coker lines | |
| 79 | Cascot 2910 | Sel. Cascot BR-1C | Cascot BR-1C=Sel. Bonham; Bonham (Table 3) |
| 80 | Cascot 392 | LE68-73/DES 56 | |
| 81 | Cascot B-2 | Sel. TX-Bonham | Bonham (Table 3) |
| 82 | Cascot BR-1 | Sel. TX-Bonham | Bonham (Table 3) |
| 83 | Cascot C-13 | Sel. TX-Bonham | Bonham (Table 3) |
| 84 | Cascot L-7 | Sel. TX-Lewis | Lewis (Table 3) |
| 85 | CENCOT | Sel. Westburn M | |
| 86 | Chembred CB219 | F2 hybrid | |
| 87 | Chembred CB232 | F2 hybrid | |
| 88 | Chembred CB333 | F2 hybrid | |

**Table 2 (continued). Pedigrees of cotton cultivars released between 1970 and 2005.**

| Ref. no | Cultivar Name | Pedigree | Notes on Pedigree |
|---|---|---|---|
| **Upland Cotton** | | | |
| 89 | Chembred CB407 | F2 hybrid | |
| 90 | Chembred CB1135 | F2 hybrid | |
| 91 | Chembred CB1233 | F2 hybrid | |
| 92 | Coker 130 | CKR 315/McNair 220 | |
| 93 | Coker 139 | DES 56/CKR 310 | |
| 94 | Coker 208 | CKR 8103/CKR 201 | CKR 8103=Sib. CKR 3 10; CKR 201 (Table 3) |
| 95 | Coker 304 | Sel. CKR 310 | |
| 96 | Coker 310 | CKR 100 Staple/DP 15 | See parents in Table 3 |
| 97 | Coker 312 | Sel. CKR 310 | |
| 98 | Coker 3131 | CKR 310/CKR 5114 | L. McDonald/PC has CKR 310/CKR 67-109 |
| 99 | Coker 315 | CKR310/CKR 8103 | CKR 8103=Sib. CKR 310 |
| 100 | Coker 320 | CKR 315/McNair 220 | |
| 101 | Coker 4101 | Coker 100 Staple/DP 15 | See parents in Table 3 |
| 102 | Coker 417 | Sel. CKR 413 | Coker 413 (Table 3) |
| 103 | Coker 420 | CKR310/CKR413 | Coker 413 (Table 3) |
| 104 | Coker 4360 | CKR 310/PM 111A | |
| 105 | Coker 500 | CKR 310/Tamcot 788A | Tamcot 788A (Table 3) |
| 106 | Coker 5110 | CKR 100 Staple/DP 15 | See parents in Table 3 |
| 107 | Condor | Sel. of McNair 235 | |
| 108 | Coyote | Sel. Colored-lint Cotton, USDA, Shafter | No additional info. available |
| 109 | Crooked Row-1 | CA1073//CA491/AZ6024 | See parents in Table 3 |
| 110 | CS7S | 75007-3/DP 90 | |
| 111 | CT1 | Sel. SS 9901 | |
| 112 | CT10 | Sel. SS 9901 | |
| 113 | CT11 | DP 5415/KC 311 | |
| 114 | CT12 | SS 511/SS 195 | SS 511=sel. Of McNair 235; SS 195=Sel. DES 119 |
| 115 | Dawson V-14 | Sel. CA 614 | CA614 (Table 3) |
| 116 | DC 81 | Sel. CA1073 | CA1073 (Table 3) |
| 117 | DC 827 | Sel. Delcott 277 | |
| 118 | DC 886 | Sel. CA491-714 | CA491 (Table 3) |
| 119 | Delcot 277 | Rex//TJ/EF 310 | Rex (Table 3); TJ/EF3 10 (Table 3 in PD germplasm section); Diagram in Fig. 15 |
| 120 | Delcot 277J | Sel. Delcot 277 | i.e. Sel. of S65-396, a component of Delcot 277 |
| 121 | Delcot 311 | Complex (Sel. Delcot 277, Auburn 56, MO-Del, 101-102B) | Details not given |
| 122 | Delcot 344 | CKR 310*4/MDR (i.e. Multiple Disease Resistant) Delcot Lines | MDR=Complex (Delcot 277, MO-DEL, Aub.56, Oklahoma 20,101-102B) |
| 123 | Delcot 390 | M063-277BR2A/HYC74-283//MO63-277BR2A | See parents in Table 3 |
| 124 | Deltapine 120 | DP 66/DP 55 | |
| 125 | Deltapine 137 | DP 5540-611-73-84/DP Smoothleaf | DP5540 (Table 3); DP Smoothleaf (Table 3) |
| 126 | Deltapine 20 | DP l6//DP Smoothleaf/DP 45/3/DES 56 (or DP 16/DES 56) | DP 16, DP Smoothleaf, and DP 45 in Table 3; DP 16=DP Smoothleaf/DP 45 |
| 127 | Deltapine 20B | DP 20*4/Donor BG | |
| 128 | Deltapine 215 B | DP 2156*4/Donor BG | |
| 129 | Deltapine 2156 | Unknown | |
| 130 | Deltapine 25 | DP 45/STV 7A | See parents in Table 3 |
| 131 | Deltapine 26 | DP 45/STV 7A | See parents in Table 3 |
| 132 | Deltapine 237 B | DP 2379*4/Donor BG | |
| 133 | Deltapine 2379 | DC 81/DP 90 | |

**Table 2 (continued). Pedigrees of cotton cultivars released between 1970 and 2005.**

| Ref. no | Cultivar Name | Pedigree | Notes on Pedigree |
|---|---|---|---|
| **Upland Cotton** | | | |
| 134 | Deltapine 30 | Sel. DP 66 | |
| 135 | Deltapine 32B | DP 5415*4/Donor BG | |
| 136 | Deltapine 388 | DP 5409/DES 119 | |
| 137 | Deltapine 393 | SG 125/SG 501 | |
| 138 | Deltapine 41 | DP 55/STV 603 | |
| 139 | Deltapine 409 B/RR | DP 5409 *3/DONOR BG//DP 5409 *3/DONOR RR///DP 5409 | |
| 140 | Deltapine 410 B | DP 5409*4/Donor BG | |
| 141 | Deltapine 420 RR | DP 20*3/Donor RR | |
| 142 | Deltapine 422 B/RR | DP 20*3/Donor BG//DP 20*3/Donor RR///DP20 | |
| 143 | Deltapine 424 BIIRR | Recurrent Parent SG 215 BG/RR | |
| 144 | Deltapine 425 RR | DP 51*4/Donor RR | |
| 145 | Deltapine 428 B | DP 51*3/Donor BG | |
| 146 | Deltapine 429 RR | DP 5409*4/Donor RR | |
| 147 | Deltapine 432 RR | DP 5415 RR///Coker 312 RR/DP 5415//ST 474 | |
| 148 | Deltapine 434 RR | Recurrent Parent SG 890 | |
| 149 | Deltapine 436 RR | DP 50*4/Donor RR | |
| 150 | Deltapine 444 BG/RR | SG 501*2/ST 132//H 1330/Coker 312 BG///DP 51*2/H1440*2//DP 5415 RR | |
| 151 | Deltapine 448 B | DP 5415*4/Donor BG | |
| 152 | Deltapine 449 BG/RR | DP 5415/DP 5690//BGRR parent | |
| 153 | Deltapine 450 B/RR | DP 50*3/Donor BG//DP 50*3/Donor RR///DP 50 | |
| 154 | Deltapine 451 B/RR | DP 51*3/Donor BG//DP 51*3/Donor RR///DP 51 | |
| 155 | Deltapine 458 B/RR | DP 5415*3/Donor BG/DP 5415*3/Donor RR///DP 5415 | |
| 156 | Deltapine 468 BGII/RR | Recurrent Parent NuCotn 33B | |
| 157 | Deltapine 488 BG/RR | Recurrent Parent DP 491 | |
| 158 | Deltapine 491 | DP 5415/DP 2156 | |
| 159 | Deltapine 493 | Delta Pearl/CS 50 | |
| 160 | Deltapine 494 RR | Recurrent Parent DP 491 | |
| 161 | Deltapine 4025 | CS7S x Chaco 520 | |
| 162 | Deltapine 4049 | Chaco 520 x Georgia King | |
| 163 | Deltapine 50 | DP 16//DP Smoothleaf/DP 45/3/DES 56 (or DP 16/DES 56) | DP 16, DP Smoothleaf and DP 45 in Table 3; DP 16=DP Smoothleaf/DP 45 |
| 164 | Deltapine 50B | DP 50*4/Donor BG | |
| 165 | Deltapine 51 | Sel. DP 50 | |
| 166 | Deltapine 543 | 99Q47 [531][15985][1445]-04.20B/20-20B | |
| 167 | Deltapine 555 BG/RR | Recurrent Parent Delta Pearl | |
| 168 | Deltapine 565 | DP 6100 Acala/Georgia King | |
| 169 | Deltapine 5111 | DP 50/Pee Dee 3 | |
| 170 | Deltapine 5305 | PD 3/Ering 92 | |
| 171 | Deltapine 5409 | DP50/DP Acala 90 | |
| 172 | Deltapine 5415 | DP 50/DP Acala 90 | |
| 173 | Deltapine 5415 RR | DP 5415*5/Donor RR | |
| 174 | Deltapine 5432 | DP 5461/DP 77 | |
| 175 | Deltapine 5461 | DP 4l/DP experimental 737-451-79-B | |
| 176 | Deltapine 55 | DP 16/STV 7A | See parents in Table 3 |
| 177 | Deltapine 5557 | 28119-334-51/DP 5415 | |
| 178 | Deltapine 5611 | DP Acala 90/SJ80B4F1 | No additional info. available for SJ80B4F1 |

**Table 2 (continued). Pedigrees of cotton cultivars released between 1970 and 2005.**

| Ref. no | Cultivar Name | Pedigree | Notes on Pedigree |
|---|---|---|---|
| **Upland Cotton** | | | |
| 179 | Deltapine 5614 | DES 56/McNair 235 | |
| 180 | Deltapine 5681 | DP Acala 90/DP 80 | |
| 181 | Deltapine 5690 | DP Acala 90/DP 80 | |
| 182 | Deltapine 5690RR | DP 5690*5/Donor RR | |
| 183 | Deltapine 5816 | DP Acala 90/ DP 69 | |
| 184 | Deltapine 61 | Sel. DP 16 | 1 of 4 Component lines in DP 16 (DP 16 in Table 3) |
| 185 | Deltapine 6100 Acala | DP exp. strain 90-31Y/CPCSD exp. strain C-7 | No additional info. on 90-3 IY; C-7 = S-6538 = S195/NM1986-3 |
| 186 | Deltapine 6100 RR ACALA | DP 6100*4/Donor RR | |
| 187 | Deltapine 6166 Acala | Acala T6310/Acala T6892 | Parents USDA experimental releases |
| 188 | Deltapine 62 | Sel. DP 61 | |
| 189 | Deltapine 6204 Acala | USDA Shafter Germplasm 0207-1 sel. | 0207-1=9275-1 |
| 190 | Deltapine 6207 Acala | USDA Shafter Germplasm 0207-1 sel. | 0207-1=9275-1 |
| 191 | Deltapine 6211 Acala | USDA Shafter Germplasm 0207-1 sel. | 0207-1=9275-1 |
| 192 | Deltapine 66 | DP 16/DP 5540 | See parents in Table 3 |
| 193 | Deltapine 69 | Sel. DP61? | |
| 194 | Deltapine 655 B/RR | DP 5690*3/Donor BG//DP 5690*3/Donor RR///DP 5690 | |
| 195 | Deltapine 675 | DP 5415/AC1517-77BR | |
| 196 | Deltapine 688 B/RR | DP 90*3/Donor BG//DP 90*3/Donor RR///DP 90 | |
| 197 | Deltapine 70 | STV 7A/DP 66 | STV 7A (Table 3) |
| 198 | Deltapine 77 | DP 66/DP 120 | |
| 199 | Deltapine 80 | DP16//DP 5540/DP Smoothleaf | See parents in Table 3 |
| 200 | Deltapine 826 | Exp. Strain 523M-327-43-51/ Exp. Strain 527-312-46-53 | No additional info. available |
| 201 | Deltapine 891 | DP 41/DP 120 | |
| 202 | Deltapine Acala 90 | DP 6516/DP 6582 | 6516=DP 16/John Cotton Polycross; 6582=DP 16/AZ 5909; See parents in Table 3 |
| 203 | Deltapine 90B | DP 90*4/Donor BG | |
| 204 | Deltapine 90 RR | DP 90*5/Donor RR | |
| 205 | Deltapine DES 607 | DES 920/DP 20 | |
| 206 | Delta Emerald | DPX 8116-3113-41-53/Sicala VI | |
| 207 | Delta Gem | DP 5690/Siokra 14 | |
| 208 | Deltapine Jewel | DPX 79214-100-503-601/Siokra 1-4 | |
| 209 | Deltapine NSL | DP 16 (Nectariless) | Nectariless trait backcrossed into DP 16 |
| 210 | Delta OPAL | DP 5816 x Sicala 33 | |
| 211 | Delta PEARL | DP 5816/Sicala 34 | |
| 212 | Delta Sapphire | DP 5415/Sicala V1 | |
| 213 | Deltapine SR-1 | DP Smoothleaf/Rex//Lankart 57 | See parents in Table 3 |
| 214 | Deltapine SR-2 | DP Smoothleaf/Rex//Gregg 35/Rex | See parents in Table 3 |
| 215 | Deltapine SR-383 | DP SR-5/ CA 1073 | CA1073 (Table 3) |
| 216 | Deltapine SR-4 | DP Smoothleaf/Rex//Gregg 35/Rex | See parents in Table 3 |
| 217 | Deltapine SR-482 | Sel. DP SR-4 | |
| 218 | Deltapine SR-5 | Acala 1517-BR2//DP Smoothleaf/Rex | See parents in Table 3 |
| 219 | Deltapine SR-980 | CA 788/DP SR-2 | CA 788 (Table 3) |
| 220 | Delta Topaz | DP 5415/Siokra L22//DP 5415 | |
| 221 | DES 119 | DES 24/DES 2134-047 | DES 2134-047=Sib. DES 56 |
| 222 | DES 24 | STV 603/Delcot 277 | |
| 223 | DES 422 | DP 55/DES 2134-018 | DES 2134-018=Sib. DES 56 |

**Table 2 (continued). Pedigrees of cotton cultivars released between 1970 and 2005.**

| Ref. no | Cultivar Name | Pedigree | Notes on Pedigree |
|---|---|---|---|
| **Upland Cotton** | | | |
| 224 | DES 56 | ST 213/PD 2164 | See parents in Table 3 |
| 225 | Dixie King III | Sel. Dixie King | Dixie King in Table 3 |
| 226 | Dunn 1002 | Dunn 219/Dunn 224 | |
| 227 | Dunn 1047 | Tamcot SP-21/Dunn 219 | |
| 228 | Dunn 109 | Sel. of material from Lavon Ray (TAES, Lubbock) | No additional info. given |
| 229 | Dunn 118 | Sel. Dunn 56C | Dunn 56C=Rex/CA 398; See parents in Table 3 |
| 230 | Dunn 119 | Sel. Dunn 56C | Dunn 56C=Rex/CA 398; See parents in Table 3 |
| 231 | Dunn 120 | Sel. Tamcot SP23 | Metzer et al., 1984 has: Tamcot/Dunn 118 |
| 232 | Dunn 1325 | Dunn 325/Dunn 1850 | |
| 233 | Dunn 1850 | DP Acala 90/ PM 145 | |
| 234 | Dunn 219 | Sel. Dunn 119 | |
| 235 | Dunn 224 | Sel. MO-Del line | Metzer et al., 1984: "Composite of Delta and Stripper types"; MO-Del (Table 3) |
| 236 | Dunn 325 | AZ 6401/DP 16 | See parents in Table 3 |
| 237 | Dunn 400 | Acala line/PM 303 | |
| 238 | Dunn HS 120 | Dunn 219/Dunn 120 | |
| 239 | D2429 | C215781-2//C120/Reba B50 | |
| 240 | DynaGro DG 201 | C32/Deltapine 20 | C32=G&P3774/McNair 220 |
| 241 | DynaGro DG 203 | | |
| 242 | DynaGro DG 205 | C110/Deltapine 20 | C110=Tamcot SP 37/PD 9363 |
| 243 | DynaGro DG 206 | C120/Deltapine 20 | |
| 244 | DynaGro DG 206 RR | | |
| 245 | DynaGro DG 256 | Paymaster HS 26/Tamcot CAB-CS | |
| 246 | Earlycot 31 | Sel. CA491 | Table 3 |
| 247 | Earlycot 32A | Sel. Earlycot 32 | Earlycot 32=Rex Smooth Leaf/NMB 3080//Stripper 31; See parents in Table 3 |
| 248 | Earlycot 48 | Earlycot 31/Bonham 73 | Bonham (Table 3) |
| 249 | Earlycot WR | CA614/PM266 | CA614 (Table 3) |
| 250 | El Dorado Acala | C6TE/NMB 3080//ATE 1-57/Tex E364 | See parents in Table 3 |
| 251 | FM 800 B2R | FM 832*4//FM 966B2/FM 800 RR | |
| 252 | FM 819 | Siokra S324/Sicala V-1 | |
| 253 | FM 819 RR | | |
| 254 | FM 832 | Sicala V-1/Siokra 1-4 | |
| 255 | FM 832 B | | |
| 256 | FM 832 LL | | |
| 257 | FM 958 | 88001/83055-33 | |
| 258 | FM 958 B | | |
| 259 | FM 958 LL | | |
| 260 | FM 960 R | Recurrent Parent Sicot 41 | |
| 261 | FM 960 BR | | |
| 262 | FM 960 B2R | | |
| 263 | FM 963 | DP 90/75007-3//DP 90/Tamcot SP 37H | |
| 264 | FM 966 | 88001/83055-33 | |
| 265 | FM 966 LL | | |
| 266 | FM 975 | CS50 | |
| 267 | FM 981 LL | C312LL25/4*FM 989 | |
| 268 | FM 989 | DP 90/75007-3//DP 90/Tamcot SP 37 H | |

**Table 2 (continued). Pedigrees of cotton cultivars released between 1970 and 2005.**

| Ref. no | Cultivar Name | Pedigree | Notes on Pedigree |
|---|---|---|---|
| **Upland Cotton** | | | |
| 269 | FM 989 B2R | | |
| 270 | FM 991 B2R | Recurrent Parent Sicala V2 | |
| 271 | FM 5013 | PMHS26-30 | |
| 272 | FM 5015 | PM HS 26/PM HS 200-B-33 | |
| 273 | FM 5017 | PM HS 26/2*Southland M1 | |
| 274 | FM 5024 BXN | Stv. BXN 47/4*SC 9219 | |
| 275 | FM 5035 LL | Coker 312 CC/3*SC 9023 | |
| 276 | FM 5045 BR | Coker 312 BR/4* SC 9023 | |
| 277 | FM 5045 BR | Coker 312 BR/4* SC 9023 | See Table 3 for parents |
| 278 | G&P 1005 | Sel. CAMD S75C | CAMD S75C has same pedigree as Tamcot SP21S |
| 279 | G&P 1068 | GPX 105-81/Tamcot CD3H//G&P 3774/CA3029 | No info. available for GPX 105-81; CA3029 (Table 3) |
| 280 | G&P 3755 | Sel. Tamcot SP-37 | |
| 281 | G&P 3774 | Sel. Tamcot SP-37 | |
| 282 | G&P 5479 | Sel. Tamcot SP-37 | |
| 283 | G&P 74+ | Sel. G&P 3774 | |
| 284 | G&P 785 | Tamcot CAB-CS/CA3016 | CA3016 (Table 3) |
| 285 | GaCot 79 | DP Smoothleaf (frego bract)/3*DP 16 | DP Smoothleaf (frego bract)—Frego bract strain of DP Smoothleaf; DP Smoothleaf (Table 3) |
| 286 | Garst/AgriPro 4600 RR | | |
| 287 | Garst/AgriPro AP 7126 | 636-24/Dp. 5415 | No info. on 636-24 |
| 288 | Garst/AgriPro AP 9257 | 841/Dp. 20 | No info. on 841 |
| 289 | Gavilan | Sel. MO 78-344 | MO 78-344=Coker 310/MDR Delcot lines=exp. design. Delcot 344 |
| 290 | GC 120 | GC-210/Dp. 50//GC-9033 | See parents in Table 3 |
| 291 | GC 251 | GC-303/GC-9033 | See parents in Table 3 |
| 292 | GC 260 | | |
| 293 | GC 271 | GC-100/GC-9033 | See parents in Table 3 |
| 294 | GC 500 | GC-555/88-2305 | 88-2305 see Table 3 |
| 295 | CG 535 | | |
| 296 | GC 546 RR | GC-500*2//8902/MR2-4-2 | 8902=sel. GC-510. MR2-4-2 Breeding line with RR gene |
| 297 | GC 703 | | |
| 298 | GC 707 | | |
| 299 | Georgia King | Tifcot 56/McNair 235 | |
| 300 | Germain's Acala GC-352 | Sel. S-6689 | S6689=AXTE 1-57/Tex E364//C6TE/NM3080 (See parents in Table 3) |
| 301 | Germain's Acala GC-356 | Sel. T-8687 | T8687=C6TE/NMB3080 (See parents in Table 3) |
| 302 | Germain's Acala GC-362 | Tex E364/12302-89//C6TE/NM7378 | See parents in Table 3 |
| 303 | Germain's Acala GC-363 | S1603/T4845 | T4845=C6TE/NMB3080 (See parents in Table 3); S1603=Sib. Acala SJ-2 |
| 304 | Germain's Acala GC-410 | T4852/SI391 | T4852=C6TE/NMB3080; S1391=C6TE/NMB3080//12302; See parents in Table 3 |
| 305 | Germain's Acala GC-445 | S2694/S3468 | S2694=12302-4/Tanguis/Acala 4-42; S3468=C6-5/Del Cerro 503; See parents in Table 3 |
| 306 | Germain's Acala GC-510 | C6TE/NMB3080//NM7403/Acala 4-42-77 | Sib of Acala SJC-1; See parents in Table 3 |
| 307 | Germains Acala GC-555 | Sel. T8687 | T8687=C6TE/NMB3080; See parents in Table 3 |
| 308 | Germain's Acala GC-610 | Germain's Acala GC 510/S5565 | S5565=T4852/S1291 (from USDA Shafter Res. Stn.), no additional info. Available |
| 309 | Germain's Acala GC-702 | Sel. Germain's Acala GC-352 | Selected for resistance to Verticillium Wilt |
| 310 | Germain's GC-210 | Sel. SB 3-3 | SB 3-3 = Acala Cluster/PM Dwarf |
| 311 | Green | Sel. Colored-lint Cotton, USDA, Shafter | No additional info. available |

**Table 2 (continued). Pedigrees of cotton cultivars released between 1970 and 2005.**

| Ref. no | Cultivar Name | Pedigree | Notes on Pedigree |
|---|---|---|---|
| **Upland Cotton** | | | |
| 312 | GSA 71 | See Fig. 17 | See Fig. 17 |
| 313 | GSA 74 | Sel., HYC MDR-2 | HYC MDR-2 Incl.: Stripper 31, Aub. M, AXTE, Breeding lines |
| 314 | GSA 75 | Sel. GSA 71 | |
| 315 | GSA 78 | Sel. CA 614 | CA 614 (Table 3) |
| 316 | GSC 1093 | PM 404/GSA 75 | |
| 317 | GSC 20 | Sel. CA 614 | Table 3 |
| 318 | GSC 25 | Sel. Gro-Agri 177 | |
| 319 | GSC 27 | Sel. Gro-Agri 71033 | |
| 320 | GSC 30 | Stripper 31A/Gro-Agri 12644 | 12644=Vert. wilt resistant line from Steve Wilheim, Univ. So. CA |
| 321 | GSC 71+ | GSA 71/Gro-Agri 12644 | 12644=Vert. wilt resistant line from Steve Wilheim, Univ. So. CA |
| 322 | Gumbo | Composite of [Acala Okra/6* STV 7A] + [Acala Okra/3*STV 7A/4*STV 213] | STV 7A and STV 213 (Table 3) |
| 323 | Gumbo 500 | DP 25/ La. Okra 3; Composite of 3 lines (La. Okra 541, 546, and 551) | La. Okra 3 = Acala Okra (SAI 71)/6*DP Smoothleaf |
| 324 | H 1215 | MC-T8-27-8C/La HG063 | See parents in Table 3 |
| 325 | H 1220 | MC-T8-27-8C/La HG063 | See parents in Table 3 |
| 326 | H 1244 | MC-T8-27-8C/La HG063 | See parents in Table 3 |
| 327 | H1330 | DES 119/Miscot 7803-52 | Miscot 7803-52 (Table 3) |
| 328 | H 1380 | DES 237-7/Miscot 7824 | |
| 329 | H 1560 | DES 119/LA 434-RKR | LA 434-RKR=DP 15/Clevewilt-6//DP 16. See parents in Table 3. |
| 330 | Hancock | M8/Empire Wilt | M8 (Table 3); Empire Wilt-Empire WR? (Table 3) |
| 331 | Highland 34 | Acala 1517-70/Stripper 31 | Stripper 31 (Table 3) |
| 332 | Highland 52 | Sel. Rex Smoothleaf 66 | Rex Smoothleaf 66=Sel. Rex Smoothleaf (Table 3) |
| 333 | Holland 1379 | Sel. TX-Bonham | Bonham (Table 3) |
| 334 | Holland 186 | HX 2411/HBN 402 | HX 2411=Cascot C-l3/TX-H6-2-72; HBN 401=high strength line, TAES Lubbock |
| 335 | Holland 1919 | Demeter III/CMS//Cascot 2277/3/DP 16/G. h. race marie-galante | CMS=cytoplasmic male sterile, Demeter, DP 16 in Table 3; |
| 336 | Holland 4002 | Sel. Holland 5677 | Holland 5677=Sel. Bonham (Table 3) |
| 337 | Holland 850 | Cascot C-13//Tx-Le6873/Mo 63-277J | Tx-Le6873 = Lewis (Table 3); MO 63-277J=Delcot 277J |
| 338 | HQ 120 CT | | |
| 339 | HQ 210 CT | | |
| 340 | HS 12 | HS 10/DP 90 | |
| 341 | HS 22 | | |
| 342 | HS 23 | Sel. McNair 235 | |
| 343 | HS 44 | No pedigree information given in PVP Exhibit A | |
| 344 | HS 46 | AZ 7209/DP Acala 90 | AZ 7209 (Table 3) |
| 345 | HS Salcot 10 | DES 422/DP Acala 90 | |
| 346 | Hurdt 570 | Sel. CA614 | CA614 (Table 3) |
| 347 | Hurdt 580 | Selection in Hurdt breeding material | No additional info. given |
| 348 | Hurdt 590 | Hurdt 570/PM101-A | PM101-A=Sel. PM 101 (Fig. 9) |
| 349 | Hurdt 700 | Sel. Tamcot SP-21 | |
| 350 | Hurdt 750 | CA614/GSA 71 | CA614 (Table 3) |
| 351 | Hurdt 850 | Sel. in breeding materials including Southeastern strains and Acala 3080 | Acala 3080=NMB 3080 (Table 3); no additional info. given |
| 352 | Hurdt 900 | Sel. in Hurdt's breeding material and Lankart 611 | Lankart 611 (Table 3); no additional info. given |
| 353 | HY 007 | Cascot C-13//Tx-Le6873/Mo63-277J | Tx-Le6873 = Lewis (Table 3); Mo63-277J = Delcot 277J |
| 354 | HY 39 | KC 311/Acala SJ-5 | |
| 355 | JAJO 8098 | LA 887/LA 850082FN//MD51ne/LA 887 | |
| 356 | JAJO 8185 | LA 887/SG 125 | |

**Table 2 (continued). Pedigrees of cotton cultivars released between 1970 and 2005.**

| Ref. no | Cultivar Name | Pedigree | Notes on Pedigree |
|---|---|---|---|
| **Upland Cotton** | | | |
| 357 | JAJO 8190 | LA 887/SG 125 | |
| 358 | KC 311 | DP Acala 90/McNair 235 | Metzer & Supak, 1990 has: McNair 3151/DP90 |
| 359 | KC 380 | McNair 220/McNair 3150 | McNair 3150 (Table 3) |
| 360 | Kings Acala M5 | T6310/T6133//Pima S-4/3/DP61 | T6310=Tex E364/SJ-2; T6133=C6TE/NMB3080; Pima S-4 (Table 3) |
| 361 | Kings Acala Plus | Sel. Kings Acala M5 | |
| 362 | KSA81M | Sel. UKA59/240 | Parents from Tanzania |
| 363 | LA 887 | DES 119/LA 434-RKR | LA434-RKR=DP 15/Clevewilt-6//DP 16 (LA 434 in CS18:199); See parents in Table 3 |
| 364 | Lambright 2020 | Sel. Lambright GL-4 | Glanded plant selection from glandless cultivar |
| 365 | Lambright 2020 A | Sel. Lambright 2020 | |
| 366 | Lambright 2020B | | |
| 367 | Lambright GL4 | Lambright X-15-4/CA 852 | CA852 (Table 3) |
| 368 | Lambright GL-5 | Lambright X-15-4/CA 852 | CA852 (Table 3) |
| 369 | Lambright GL-F | Sel. Lambright GL-5 | Frego plant selection from normal bract cultivar |
| 370 | Lambright GL-N | Lambright GL-5/CA1786 | CA1786 (Table 3) |
| 371 | Lambright L-X-28 | Sel. Lambright X-15-3(= Lambright 123BR-1/Del Cerro) | No info. available on Lambright 123BR-1 at this printing; Del Cerro (Table 3) |
| 372 | Lambright X-15-3-A | Sel. Lambright X-15-3 (= Lambright 123BR-1/Del Cerro) | No info. available on Lambright 123BR-1 at this printing; Del Cerro (Table 3) |
| 373 | Lambright X-15-4 | Lambright 123 BR-1/Del Cerro | No info. available on Lambright 123BR-1 at this printing; Del Cerro (Table 3) |
| 374 | Lamesa 5 | Blightmaster A-5/Lankart 3940 | No info. available on Lankart 3940 at this printing |
| 375 | Lamesa 8 | Blightmaster A-5/Lankart 3840 | Lankart 3840 (Table 3) |
| 376 | Lankart 142 | Westburn M/Lockett 77 | |
| 377 | Lankart 175 | Sel. Lines Related to Lankart LX571 | No additional info. given |
| 378 | Lankart 311 | Lankart 175/Lankart 3840 | Lankart 3840 (Table 3) |
| 379 | Lankart 511 | Lockett 4789/3/Lockett 4789-A//SP52-67/79N.BV65 | See parents in Table 3 |
| 380 | Lankart LX 571 | Lankart 57/Lankart 3840 | See parents in Table 3 |
| 381 | Lankart PR 75 | Lockett 4789-A/SP11-671179N.BV65/HI-67 | |
| 382 | Linwood | KNX-111/Acala SJ5 | No information on HI-67 at this printing; Other – see parents in Table 3 |
| 383 | Ligur | KH 390/McNair 235-366 | McNair 235-366=sel. of McNair 235 |
| 384 | Ligur CT | sel. Ligur | |
| 385 | Lockett 77 | Lockett 4789-A/SP12-67//Lockett 4789A/CAS63 | Lockett 4789, SP 12, and CA563 (Table 3) |
| 386 | Lockett BXL | Lockett 4789 (31)/SP19//SP20 | See parents in Table 3 |
| 387 | McDonald 3 | Sel. Lamesa 8 | |
| 388 | McNair 210 | Rex/Atlas 182 | See parents in Table 3 |
| 389 | McNair 220 | CKR 201/PD2165 | See parents in Table 3 |
| 390 | McNair 235 | CKR 201/PD2165 | See parents in Table 3 |
| 391 | McNair 511 | Sel. McNair 1032 | McNair 1032 (Table 3) |
| 392 | McNair 612 | McNair 1032/CKR 201-16-B | McNair 1032 and Coker 201 (Table 3) |
| 393 | Miscot 8806 | DES 119/Tamcot CDP 37 HP1H-1-186 | |
| 394 | Miscot 8839 | DES 119/DP 90 | |
| 395 | MD51ne | DP90*3/MD65-11ne | MD65-11ne (Table 3) |
| 396 | Mocha | | |
| 397 | N 2108 SS | C21578-2/Tamcot Sphinx | |
| 398 | New Mexico Acala #20 | Sel. Watson's Acala via NM 1-19 via 1450 via 707 | 1450 (Fig. 10) |
| 399 | NG 1553 R | | |
| 400 | NG 2448 R | | |
| 401 | NG 3969 R | | |

**Table 2 (continued). Pedigrees of cotton cultivars released between 1970 and 2005.**

| Ref. no | Cultivar Name | Pedigree | Notes on Pedigree |
|---|---|---|---|
| **Upland Cotton** | | | |
| 402 | Northern Star 5 | Stormproof/Northern Star 11//Stormmaster | Stormmaster (Table 3); Northern Star=Sel. Lankart (Ramey, 1966) |
| 403 | Northern Star 998 | Selection in commercial field near Littlefield, TX | No additional info. given |
| 404 | Northern Star R-4A | Sib. Stripper 31 | Table 3 |
| 405 | NuCotn 33 | Bt transgenic Coker 312/4*DP 5415 | |
| 406 | NuCotn 35 | Bt transgenic Coker 312/4*DP 5690 | |
| 407 | NuCotn 64 | DP 51 and SU Donor | |
| 408 | NuCotn 66 | DP 5415 and SU Donor | |
| 409 | NuCotn 68 | DP 5690 and SU Donor | |
| 410 | OA-262R | Nu 33B//04201/Dp. 5415 R sel. | |
| 411 | OA-265BR | Nu 33B//04201/Dp. 5415 R sel. | |
| 412 | OA-304 | sel. Pima 79-105 | Pima 79-105=6503-33-3-1/6614-91-1-1 |
| 413 | Paymaster 101-B | Sel. PM 101 | PM 101 (Table 3) |
| 414 | Paymaster 111-A | Sel. PM 111 | PM 111 (Table 3) |
| 415 | Paymaster 145 | Sel. Tamcot SP-21 | |
| 416 | Paymaster 147 | 347-355/PM 404 | 347-355=PM 111A-B4/A6-634 (from R.H. Sheetz, PC) |
| 417 | Paymaster 266 | AZ 6024-11-1-2/DP5540//PM 101A/TAES B4 | AZ 6024, PM 101, and DP5540 (Table 3); TAES B4=B4LK (Table 3) |
| 418 | Paymaster 303 | PM 18/PM I 11 | See parents in Table 3 |
| 419 | Paymaster 404 | Sel. PM 303 | |
| 420 | Paymaster 505 | PM18/PM111 | See parents in Table 3 |
| 421 | Paymaster 784 | PM 202/5/Blightmaster/Empire KK/3/Shafter 011/4/PM202/Empire GL | Blightmaster, Empire, PM 202, and Shafter 011 (Table 3) |
| 422 | Paymaster 785 | Sel. PM 909 | Possible outcross; PM 909 (Table 3) |
| 423 | Paymaster 792 | PM Dwarf/Tenn. 59-538 | No additional info. available |
| 424 | Paymaster 892 | PM266/New Mexico Acala//Westburn M/PM303 | Order of crosses assumed |
| 425 | Paymaster Dwarf | PM 105/146-21VF62 | PM105 (Table 3); no additional info. available |
| 426 | Paymaster HS 26 | Acala SJ-4/5B9-184 | 5B9-184=Sel. PM266 |
| 427 | Paymaster HS200 | 107X329 123171-74/160X145 145521 | 107X.. =Tamcot 788/NMB4364; 160X...=NMB3080/B6-1380; most in Table 3 |
| 428 | Paymaster PM 183 | PM 785/146055 | 146055 = PM 266/Northern Star R4 |
| 429 | Paymaster PM 280 | 107x329 123271-74/160xl45 125521 | 107...=Tamcot 788/NMB4364; 160...=NMB3080/B6-1380; Most – see parents in Table 3 |
| 430 | Paymaster PM 330 | Sel. CA3068 | See Table 3 |
| 431 | Paymaster 1199 RR | DES 119/H1330 | |
| 432 | Paymaster 1210 | Stv. 132/Stv. 453 | |
| 433 | Paymaster 1215 BG | H1215*4/Donor BG | |
| 434 | Paymaster 1215 RR | H1215*4/Donor RR | |
| 435 | Paymaxster 1218 BG/RR | H1220*2//H1215/DONOR BG///H1220*4//LA 887/DONOR RR | |
| 436 | Paymaster 1220 BG | H1220*4/Donor BG | |
| 437 | Paymaster 1220 BG/RR | H1220*2//H1215/Donor BG///H1220*4//LA887/Donor RR | |
| 438 | Paymaster 1220 RR | H1220*5/Donor RR | |
| 439 | Paymaster 1244 BG | H1244*3/Donor BG | |
| 440 | Paymaster 1244 BG/RR | H1244*3/Donor BG/H1244*3/Donor RR///H1244 | |
| 441 | Paymaster 1244 RR | H1244*3/Donor BG/H1244*3/Donor RR///H1244 | |
| 442 | Paymaster 1266 | H1244*3/Donor BG/H1244*3/Donor RR///H1244 | |
| 443 | Paymaster 1277 | Hx 92112/Terra C40 | |
| 444 | Paymaster 1330 BG | H1330*/Donor BG | |
| 445 | Paymaster 1330 BG/RR | H1330*/Donor BG//H1330*/Donor RR///H1330 | |
| 446 | Paymaster 1330 RR | H1330*/Donor RR | |

**Table 2 (continued). Pedigrees of cotton cultivars released between 1970 and 2005.**

| Ref. no | Cultivar Name | Pedigree | Notes on Pedigree |
|---|---|---|---|
| **Upland Cotton** | | | |
| 447 | Paymaster 1440 | HS 23/DP 5415 | |
| 448 | Paymaster 1560 BG | H1560*3/Donor BG | |
| 449 | Paymaster 1560 BG/RR | H1560*5/Donor BG//H1560*5/Donor RR///H1560 | |
| 450 | Paymaster 1560 RR | H1560*4/Donor RR | |
| 451 | Paymaster 2145 RR | Paymaster 145*5/Donor RR | |
| 452 | Paymaster 2156 RR | Recurrent Parent DP 2156 | |
| 453 | Paymaster 2192 BG | PM 183*4/Donor BG | |
| 454 | Paymaster 2200 RR | Paymaster HS200*5/Donor RR | |
| 455 | Paymaster 2280 BG/RR | Paymaster HS200*4/DonorBG.Paymaster HS200*4/Donor RR///Paymaster HS200 | |
| 456 | Paymaster 2320 RR | TEJAS*4/Donor RR | |
| 457 | Paymaster 2326 BG/RR | Paymaster HS26*4/Donor BG//Paymaster HS26*4/Donor RR///Paymaster HS26 | |
| 458 | Paymaster 2326 RR | Paymaster HS26*5/Donor RR | |
| 459 | Paymaster 2330 RR | PM 330*4/Donor RR | |
| 460 | Paymaster 2379 RR | Recurrent Parent DP 2379 also seen as PM 2379 | |
| 461 | PD-1 | PD4381/PD8623 | See parents in Table 3 |
| 462 | PD-2 | FTA 266/Atlas//AC235/Dixie King | FTA, Atlas, AC, Dixie King (Fable 3) |
| 463 | PD-3 | PD9363/PD9240 | See parents in Table 3 |
| 464 | Phytogen 33 Acala | Sel. Acala Prema | |
| 465 | Phytogen GA 161 | 91-29/ Coker 315//GA 78-17/DP 90///Auburn 244////M725/PD 6208 | |
| 466 | Phytogen PSC 355 | DES 949/Acala 1517-88 | |
| 467 | Phytogen PSC 413 | DES 119/B18-10 | B18-10=USDA Acala breeding line |
| 468 | Phytogen 410 R | | |
| 469 | Phytogen 440 W | | |
| 470 | Phytogen 470 WR | | |
| 471 | Phytogen 480 WR | | |
| 472 | Phytogen 485 WR | | |
| 473 | Phytogen 590 R | | |
| 474 | Phytogen PSC 556 | LA 887/LA 8500 82 FN//MD51ne/LA 887 | |
| 475 | Phytogen PSC 569 | LA 887/MD51ne | |
| 476 | Phytogen PSC 636 | | |
| 477 | Phytogen 710 R | | |
| 478 | Phytogen GA 894 | sel. Ga. 161 | |
| 479 | Phytogen PSC 952 | Tex Quickie/Stv. 453//Ark. 8506 | |
| 480 | Pioneer Brand PR 68 | Lockett 4789/SP-52-67//Lockett 4789-A/79N, BV65 | See parents in Table 3 |
| 481 | PR 80 | Tamcot SP-23/52o, BV65 | 52o, BV65 (Table 3) |
| 482 | Prolific Stormproof | Western Stormproof/Acala 1517BR2 | See parents in Table 3 |
| 483 | Pronto | Sel. La. Super Okra 2, Composite of 4 lines | La. Super Okra 2 = M8 Super Okra Leaf, BC4/6*STV 7A; M8 and STV 7A (Table 3) |
| 484 | Quapaw | Complex cross of Nucala, AHA, Rowden, Hopi, Stormproof, Empire WR. | Metzer et al., 1984 has: “Pedigree similar to Stripper 31”; See Fig. 17 |
| 485 | Quapaw D | Sel. Quapaw | |
| 486 | Raider 202 | Sel. M3 of PMHS200 | |
| 487 | Raider 271 | Sel. M3 of PM HS 200 | |
| 488 | Ranger 55 | Sel. Little’s Special | Little’s Special=Sel. Macha; Macha (Fig. 9) |
| 489 | Ranger 64-2 | Sel. Ranger RV-64 | |
| 490 | Ranger BB-53 | Stripper 31/PM111-A | Stripper 31 (Table 3) |
| 491 | Ranger RV-12 | Sel. CA1072 | CA1072 (Table 3) |

**Table 2 (continued). Pedigrees of cotton cultivars released between 1970 and 2005.**

| Ref. no | Cultivar Name | Pedigree | Notes on Pedigree |
|---|---|---|---|
| **Upland Cotton** | | | |
| 492 | Ranger RV-64 | Sel. CA614 | CA614 (Table 3) |
| 493 | Ranger TM-62 | Lewis/Tamcot CAMD-E | Lewis (Table 3) |
| 494 | Rex 713 | Sel. Rex Smoothleaf-66 | Rex Smoothleaf-66—Sel. Rex Smoothleaf (Table 3) |
| 495 | Rilcot 90 | Sel. Macha | Macha (Fig. 9) |
| 496 | Rilcot 90-A | Sel. Rilcot 90 | |
| 497 | Rilcot 95 | Selection in the Rilcot breeding program | No additional info. given |
| 498 | Rilcot Balebuster-1 | CA49l/Rilcot Stripper N | CA491 (Table 3) |
| 499 | Rilcot Drylander 289 | Selection in the Rilcot breeding program | No additional info. given |
| 500 | Rilcot RK-6 | CA1786/Rilcot breeding material | CA1786 (Table 3); no additional info. available |
| 501 | Rilcot Stripper N | Sel. CA 398 | CA398 (Table 3) |
| 502 | Rogers 7590 | Quapaw/Lyman G11//2*RDC 10N | RDC 10N=Sel. Rogers LG 10; Lyman G11=TAES glandless line |
| 503 | Rogers GL-6 | W6/4*M8//Del Cerro/3/W6/4*M8948//Lankart 57 | W6=Watson Stormproof B-29; Other – see parents in Table 3 |
| 504 | Rogers LG 86 | EC 8/Rogers LG-102 | EC 8=Line from E. Cook of Lubbock Christian College, Lubbock, TX |
| 505 | Rogers LG-10 | TX AES Lines/Glandless From Ferris Watson Seed Co. | No additional info. at this printing |
| 506 | Rogers LG-102 | Rogers LG-10/Glandless, Nectariless From TX AES | No additional info. at this printing |
| 507 | S-35 | Sel. McNair 235 | |
| 508 | S-55 | Sel. MD82ne | MD82ne (Table 3) |
| 509 | San Simon Del Cerro | Sel. Del Cerro | Blend of 6 plant selections; Del Cerro (Table 3) |
| 510 | SC-1 | CKR 421/PD4398 | See parents in Table 3 |
| 511 | Sicot 53 | 183/CS 50 | |
| 512 | Sicot 70 | Sicala V-1/94009-47 | |
| 513 | Sicot 72 | 83055-33-1111/CS 50 | |
| 514 | Sicot 80 | 9003-118/Sicot 189 | |
| 515 | Sicot 189 | DP 90/Tamcot SP37H//DP 90 | |
| 516 | Siokra L23 | Siokra 1-1/DP 90 | |
| 517 | Siokra S-102 | Sicala V-1/Siokra S 324 | |
| 518 | Siokra V-16 | Sel Siokra V-15 | |
| 519 | Siokra V-17 | Siokra V-15/Sicala V-2 | |
| 520 | Sisco 772 | | |
| 521 | Si Samrong 60 | ACQ 1217-3-2/SI Samrong 2 | ACQ...=A 200/Carolina Queen; SI Samrong 2=Complex interspecific |
| 522 | Simwalt 82 | Tamcot 24/3306 | Tamcot 24 = SP24 (Table 3), 3306=-Im2/OK 13-2; Im2 (Table 3) |
| 523 | SNI-15 | No information available at this printing | |
| 524 | Southland 400 | DP 6434-58-61/PM 266-B9-24-2 | DP6434 (Table 3) |
| 525 | Southland M1 | DP 6434-58-61/PM 266-B9-24-2 | DP6434 (Table 3) |
| 526 | Southwest 222 | TAES MAR strain/Auburn M | Auburn M (Table 3); no additional info. available |
| 527 | Southwest 227 | Sel. Southwest 2 | Southwest 2= crosses between MAR and nematode resistant strains |
| 528 | Southwest 584 | Sel. TAES, Lubbock breeding line | No additional info. available |
| 529 | SS 9501 | Sel. DES 119 | |
| 530 | SS 9815 | KNH 390/McNair 235-366 | McNair 235-366=sel. of McNair 235 |
| 531 | SS 9907 | DES 422/Dp. 90 | |
| 532 | SS 9901 | KNX 111/Acala SJ5 | |
| 533 | Stoneville 112 | Sel. STV 213 | STV 213 (Table 3) |
| 534 | Stoneville 132 | Sel. MC-T8-27-8C | MC-T8-27-8C (Table 3) |
| 535 | Stoneville 239 | Sel. STV 132 | |
| 536 | Stoneville 256 | Sel. STV 7 | STV 7 (Table 3) |

**Table 2 (continued). Pedigrees of cotton cultivars released between 1970 and 2005.**

| Ref. no | Cultivar Name | Pedigree | Notes on Pedigree |
|---|---|---|---|
| **Upland Cotton** | | | |
| 537 | Stoneville 302 | PM 266-69/STV 213 | STV 213 (Table 3) |
| 538 | Stoneville 324 | Stoneville 42-41688/Stoneville 804-41055 | Parents were Stoneville Pedigreed Seed experimental lines of unknown parentage |
| 539 | Stoneville 373 | Stv. 132/Stv. 6413 | |
| 540 | Stoneville 453 | STV 603/STV 213 | STV 213 (Table 3) |
| 541 | Stoneville 457 | Stv. 468/La. 887 | |
| 542 | Stoneville 468 | | |
| 543 | Stoneville 474 | STV 453/DES 119 | |
| 544 | Stoneville 495 | STV 453/DP 50 | |
| 545 | Stoneville 506 | STV 7/STVX1834 | STV 7 (Table 3); No info. available on STVX1834 |
| 546 | Stoneville 580 | Stv. 468/DP 5415 | |
| 547 | Stoneville 603 | STV 7/AUB 257-202 | STV 7 (Table 3); AUB 257-202 = sib. Auburn 56 (Table 3) |
| 548 | Stoneville 731N | STV 7A/Meyer 76-4 | STV 7A (Table 3); Meyer 76-8=BC2 STV 7A to nectariless source (Meredith/PC) |
| 549 | Stoneville 825 | Sel. STV 731N | |
| 550 | Stoneville 907 | DES 06-20-24/STV 18777N or DES 24/STV825 | DES 06-20-24=DES24; STV 1877N=STV825 |
| 551 | Stoneville 1553 R | | |
| 552 | Stoneville 2448 R | | |
| 553 | Stoneville 3539 R | Recurrent Parent Stv. 132 | |
| 554 | Stoneville 3664 R | | |
| 555 | Stoneville 4563 B2 | STV 474 *4/Donor Parent Events 531 and 15985 | |
| 556 | Stoneville 4575 BR | | |
| 557 | Stoneville 4646 B2R | Recurrent Parent Stv. 474 | |
| 558 | Stoneville 4686 R | | |
| 559 | Stoneville 4691 B | STV 474 *4/HX 1422 Event 531 | HX 1422=donor parent |
| 560 | Stoneville 4740 BG | | |
| 561 | Stoneville 4793 R | STV 474 *4/HX 1422 Event 531 and 1445 | |
| 562 | Stoneville 4892 BR | STV 474 *4/HX 1422 Events 531 and 1445 | |
| 563 | Stoneville 5222 B2 | | |
| 564 | Stoneville 5242 BR | | |
| 565 | Stoneville 5303 R | 6MO21 *5/Donor Parent Event 1445 | |
| 566 | Stoneville 5599 BR | Recurrent Parent LA 887 | |
| 567 | Stoneville 6636 BR | | |
| 568 | Stoneville 6848 R | | |
| 569 | Stoneville BR-110 | DP Acala 90/DP 120 | |
| 570 | Stoneville BR-115 | DP Acala 90/DP 70 | |
| 571 | Stoneville BXN 16 | ST 132 *6/Coker 130 BXN | |
| 572 | Stoneville BXN 49B | ST 474 *4/HX 1422 Event 531 | HX 1422=donor parent |
| 573 | Stripper 31A | Complex cross of: Roldo Rowden #5 & #27, Empire WR, BBR 4-1-36 B2 | Presumed pedigree in Fig. 17 |
| 574 | Stroman 254 | Formerly, “GSA-254”; “Sel. out of Acala-type cotton” | No additional info. available |
| 575 | Sure-Grow 1001 | McNair 235/DP Acala 90 | No additional info. available |
| 576 | Sure-Grow 96 | Delcot 344/Deltapine 5415 | |
| 577 | Sure-Grow 105 | D6-70/B3-33 | |
| 578 | Sure-Grow 125 | DP 50/3*DES 119 | |
| 579 | Sure-Grow 125B/R | Sure-Grow 125*3/Donor BG//Sure-Grow 125*3/Donor RR///Sure-Grow 125 | |
| 580 | Sure-Grow 125R | Sure-Grow25*3/Donor RR | |
| 581 | Sure Grow 150 BR | Recurrent Parent SG 501 | |

**Table 2 (continued). Pedigrees of cotton cultivars released between 1970 and 2005.**

| Ref. no | Cultivar Name | Pedigree | Notes on Pedigree |
|---|---|---|---|
| **Upland Cotton** | | | |
| 582 | Sure Grow 150 R | Recurrent Parent SG 501 | |
| 583 | Sure-Grow 180 | Delcot 344/Deltapine 5415 | |
| 584 | Sure-Grow 209 | Delcot 344/Deltapine 5415 | |
| 585 | Sure-Grow 215 BG/RR | Recurrent Parent SG 125 | |
| 586 | Sure-Grow 248 | Mo89-117/Deltapine 5415 | |
| 587 | Sure-Grow 348 | Mo89-117/Deltapine 5415 | |
| 588 | Sure-Grow 404 | DP 50/DES 119 | |
| 589 | Sure-Grow 501 | DES 119/DES 237-7 | DES 119 exp. designation = S11-9-27; DES237-7 (Table 3) |
| 590 | Sure-Grow 521 BR | Recurrent Parent SG 125 | |
| 591 | Sure-Grow 521 R | Recurrent Parent SG 125 | |
| 592 | Sure-Grow 585 B | DES 119*4/Donor BG | |
| 593 | Sure-Grow 585 R | DES 119*3/Donor RR | |
| 594 | Sure-Grow 622 | Quickie/D3*28 | |
| 595 | Sure-Grow 747 | Plant selection of Sure-Grow 125 | |
| 596 | Sure-Grow 821 | D6-73/C2-9 | |
| 597 | SV 13 | Sel. DP 16 | DP 16 (Table 3) |
| 598 | SV 93 | Sel. DP 16 | DP 16 (Table 3) |
| 599 | Tamcot 22 | TAM 87G3-27/TAM 88 G-104 | |
| 600 | Tamcot 2111 | PD 6142/unknown | Unknown identified as “high strength line of unknown origin from John Gannaway” |
| 601 | Tamcot 788 | CA398/P1874 | See parents in Table 3 |
| 602 | Tamcot CAB-CS | CAMD-21-S-78/BCUS-8-76 | See parents in Table 3 |
| 603 | Tamcot CAMD-E | MDR.SP7-67/17M2//SP46-67/17M2 | Parents are strains of Tamcot SP21 and SP37, all with pedigree=92K/62K (Table 3) |
| 604 | Tamcot CD3H | Tamcot SP37H/CDPS-1-77 | CDPS-1-77 (Table 3) |
| 605 | Tamcot GCNH | CAMD-21S-5-80/GN-8-76 | See parents in Table 3 |
| 606 | Tamcot HQ95 | Tamcot CD3H/MAR-CABU’CS-2-1-83 | MAR-CABU’CS-2-1-83=Sib Tamcot CAB-CS |
| 607 | Tamcot Luxor | CA BUCAHuGS-1-88/CABUCAG8US-1-88 | |
| 608 | Tamcot Pyramid | Tamcot Sphinx/CD3HGCBU8S-1-91 | CD3HGCBU85=CD3HCAHUGH-2-88/CABUCAG8US-1-88 |
| 609 | Tamcot SP21 | K4808-5 (1&2)D//B’master/39-11-20/3/K4808-5 (1&2)A/ | Bmaster=Blightmaster; See parents in Table 3; Bulk of similar strains |
| 610 | Tamcot SP21S | SP21F/SP33F//SP21V/SP37V | Parents are strains of Tamcot SP21 & SP37; Composite of H4-14-71 & H4-18-72 |
| 611 | Tamcot SP23 | K4808-5 (1&2)D//B’master/39-11-20/3/K4808-5 (1&2A/ | Bmaster=Blightmaster; See parents in Table 3; Bulk of similar strains |
| 612 | Tamcot SP37 | K4808-5 (1&2)D//B’master/39-11-20/3/K4808-5 (1&2)A/ | Bmaster=-Blightmaster; See parents in Table 3; Bulk of similar strains |
| 613 | Tamcot SP37H | 66N, B.V.65/52o, B.V.65 | See parents in Table 3; Composite of strains, H2-45-74, H2-46-74, and H2-47-74 |
| 614 | Tamcot Sphinx | MAR-CDP37HPIH-1-1-86/Sel. PM 145 | MAR-CDP...= MAR breeding line |
| 615 | Tejas | Sel. CA3064 | CA3064 (Table 3) |
| 616 | Terra 207 | DES24/DES56 | |
| 617 | Terra 292 | CKR 420-511/DES 24 | CKR 420-511 was a smooth-leaf strain from Coker Pedigreed Seed Co. |
| 618 | Terra 302 | STV 731N/PD 875 | See parents in Table 3 |
| 619 | Terra 366 | STV 825/DP 16 | See parents in Table 3 |
| 620 | Terra C-30 | 6942-051/DES 56 | 6942-051=DP 16 Background; See DP 50 |
| 621 | Terra C-40 | 6942-051/DES 56 | 6942-051=DP 16 Background; See DP 50 |
| 622 | Terra SR-10 | DP 6434/CA 1073 | See parents in Table 3 |
| 623 | Texas 121 | Sel. C21S781-2 | |
| 624 | Texas 224 | HQ 95/DP 20 | |
| 625 | Texas 244 | | |

**Table 2 (continued). Pedigrees of cotton cultivars released between 1970 and 2005.**

| Ref. no | Cultivar Name | Pedigree | Notes on Pedigree |
|---|---|---|---|
| **Upland Cotton** | | | |
| 626 | Texas 300 | Sel. C300-91 | C300-91=S295/2*Tamcot HQ 95 |
| 627 | Thorpe | Lankart 611/Fox 42-5//Fox 42-5 | Lankart 611, Fox 42 in Table 3 |
| 628 | Tifcot 56 | PD4381/CKR 310 | PD4381 (Table 3) |
| 629 | TPSA 1633 | Sel. breeding line 62-0-10 | No additional info. given |
| 630 | TSP 333-HS | "...selection process from hybrid germplasm" | No additional info. available |
| 631 | UAPX-001 | C32/DP20 | C32=G&P 3774/McNair 220 |
| 632 | UAPX-003 | C110/DES119 | C110=PM 4298/CAMD-E/3/40W-10/sel. SP 37//PD 9363; 40W-10=Lockett breeding line |
| 633 | UAPX-006 | C120/DP20 | C120=PM 4298/PD 9233//sel. SP 37 |
| 634 | Ultra | Blend of unknown materials | |
| 635 | UTE | DP 90/Tamcot CAB-CS | |
| 636 | Westburn 70 | Sel. Westburn | Westburn (Table 3) |
| 637 | Westburn M | (Im2/22-3)F3 4-1//Westburn BC4 | Im2, Westburn (Table 3), 4-1=STV 20/Acala 5675 (Ramey, 1966)? |
| 638 | Western 44 | Acala 44/Western Stormproof | See parents in Table 3 |
| 639 | WG 4207 | | |
| 640 | WG 8120 | | |
| 641 | Wiltmaster 569 | CA1056-69-10//AZ6024/DP5540 | See parents in Table 3 |
| 642 | Wiltmaster 571 | CA803/AZ6024 | See parents in Table 3 |
| **Upland Cotton** | | | |
| 1 | Buffalo | Pima S-5/ancestor of Coyote | |
| 2 | CH252 | Se1. P79-103 | P79-103=6503/6612 |
| 3 | CH253 | Sel. Pima S-6 | |
| 4 | Cobalt Pima | OA 304/W402 | |
| 5 | Conquistador | Sel. Pima 79-106 | Pima 79-106 in Table 3 |
| 6 | DP 340 Pima | 67205/65482 | |
| 7 | DP White Pima | G-8572/7802 | |
| 8 | Dp HTO Pima | G-8566/7202-2 | |
| 9 | Dp 744 | 86-293/P74 | See parents in Table 3 |
| 10 | Deltapine 9911 Pima | No information available at this printing | |
| 11 | OA-304 | Sel. Pima 79-106 | Pima 79-106 in Table 3 |
| 12 | Oro Blanco Pima | Sel. Pima S-6 | |
| 13 | Palo Verde | Pima S-5/Brown linted plant//A 3 PT/3/195 | Selected for green lint, no additional info. available |
| 14 | Pima S-5 | Pima 3-79/Pima S-1//Pima S-1/3/Pima S4 | See parents in Table 3 |
| 15 | Pima S-6 | 5934-23-2-6/5903-98-4-4 | |
| 16 | Pima S-7 | 6614-91-93/6907-513-509-501 | 6614=Sib. Pima S-6; 6907=P28/Pima S-4 |
| 17 | Platnium Pima | P82/P94 | |
| 18 | PSC S-7 Pima | H 439/H 424 | H 439, H 424 = reselections from Pima S-6 |
| 19 | PHY 76 Pima | P 625/H 417 | P 635 = reselection of USDA P53 |
| 20 | PHY 800 Pima | Pima S-7//H 430/H 435 | H 430, H 435 = reselections of Pima S-6 |

**Table 3. Pedigrees of breeding lines and obsolete cultivars included in pedigrees of recent cultivars.**

| Strain/cultivar name | Pedigree | Pedigree Notes | Source |
|---|---|---|---|
| 1-2302 (or 12302) | AXTE-1/NM2302 | Also Fig. 16 | Turner, 1974 |
| 250 | Sel. 8373 | | Staten, 1971 |
| 349-25 | K3131/Unidentified John Cotton wilt line | K3131 from Africa | W. Fisher/PC |
| 350-26 | Unidentified John Cotton Acala line/87-49 | 87-49=Unidentified Missouri line | W. Fisher/PC |
| 49W | Acala 49/Hartsville | | Staten, 1971 |
| 8373 | Acala ? with introgression of Arizona Long Staple 120 (G. barbadense) | | Staten, 1971 |
| 88-2305 | Sel. USDA 6-005 which is T7044/S4959. S5459=12302-4//C6TE/NM 7378 | | PVP Exhibit A 9900197 |
| 9136 | Complex cross w/Tanguis and Arizona Long Staple 120, BC to Acala 1517 types | | Staten, 1971 |
| Acala 1517 | Sel. Watsons Acala via Young's Acala via 329 via 504 via 1064 | Also Fig. 10 | Staten, 1971 |
| Acala 1517 BR-2 | 8373/STV 20//Acala 216/3/Acala 49/Hartsville | | Staten, 1971 |
| Acala 1517B | Sel. Watson's Acala via 707 via 233 via 2652 via 6068 via 3754 | Watson's Acala (Fig. 10) | Staten, 1971 |
| Acala 1517D | Cross of 2 exp. strains of unknown parentage, Probable introgression of G. barbadense | Also Fig. 10 | Staten, 1971 |
| Acala 216 | Sel. Acala 1517B | | |
| Acala 2187 | Acala 2503/Coquett//Acala 840 | | CS32:831 |
| Acala. 2503 | Exp. Acala strain/Sib. original Acala 1517 | | CS18:163-164 |
| Acala 29 | Sel. Acala 1517 (see Fig. 10) | | Staten, 1971 |
| Acala 4-42 | Sel. Acala 1517 (Plant #4 in 1942) (Possibly outcrossed to Missdel Acala) | Also Fig. 10 | Staten, 1971 |
| Acala 4-42-77 | Sel. Acala 4-42 (see Fig. 10) | | S.R Oakley/PC |
| Acala 44 | Santan Acala/Acala 1517 | Also Fig. 10 | Staten, 1971 |
| Acala 49 | Sel. Acala 1517B | | Staten, 1971 |
| Acala 51 | Missdel/Acala P18C//Acala 29 | Acala P18C (Fig. 10) | Turner, 1974 |
| Acala 5675 | Sel. Acala #5 | Fig. 10 | Ramey, 1966 |
| Acala 840 | Unknown | Not in Staten, 1971 | |
| Acala 8874 | Acala 1517V/Acala 2187 | Acala 1517V (Table 2) | CS32:831 |
| Acala P18C | Sel. Acala P12; P12 selected before 1928 from Selection #1 of the original Acala (from 1907) | Also Fig. 10 | Turner, 1974 |
| Acala Q6-2 | Sel. Original Acala via P12 via #1 | Fig. 10 | Ramey, 1966 |
| AHA 6-1 | HA76/sel. no. 5-12 of Acala 1517 | Also Fig. 10 | Staten, 1971 |
| Atlas 182 | Pandora/Florida Green Seed//Early Fluff/3/AHA 6-1-4/4/Triple Hybrid 458 | Fig. 14 | T. Kerr, Unpublished |
| Atlas 261 | Pandora/Florida Green Seed//Early Fluff/3/AHA 6-1-4/4/Triple Hybrid 458/5/AC 239 | Fig. 14 | T. Kerr, Unpublished |
| Atlas 302 | Pandora/Florida Green Seed//Early Fluff/3/AHA 6-1-4/4/Triple Hybrid 458/5/Empire | Fig. 14 | T. Kerr, Unpublished |
| Atlas 352 | Atlas 302//C6-5/Earlistaple | Fig. 14 | T. Kerr, Unpublished |
| Atlas 66 | Mix of Atlas 261 line and Atlas 352 lines | Fig. 14 | T. Kerr, Unpublished |
| Atlas 67 | Mix of Atlas 352 selections | Fig. 14 | T. Kerr, Unpublished |
| Auburn 56 | Cook 307-6/2*CKR 100//CKR 100W | Fig. 6 | Ramey, 1966 |
| Auburn M | Sel. Auburn 56 | Fig. 6 | Ramey, 1966 |
| AXTE-1 | Acala 5l//TH 458/2*Early Fluff | Fig. 16 | T. Kerr, Unpublished |
| AZ5909 | AXTE/ 8 to 10 Acala lines | | W. Fisher/PC |
| AZ6010 | Complex, Incl.: Acala, Triple Hybrid, Early Fluff, and Lankart 57 | Probably AXTE/Lankart 57 | AZ AES release memo |
| AZ6024 | 349-25/AHA/4/350-26/3/49W/ROXE//KP/C108 | KP from Africa | W. Fisher/PC |
| AZ6401 | Exp. designation of AZ64 (see Table 2) | | AZ AES release memo |
| AZ7209 | 6608/1209-6-19-7-69 | No additional info. available | W. Fisher/PC |
| B1413 | 250/49W//250/9136 | | Staten, 1971 |
| B2724 | T6886/S5548; T6886=C6TE/NMB3080; S5548=C6TE/NMB 3080 | | |
| B4164 | T7538/S4959; T7538=S196/1900-1; S4959=1230-4//C6TE/NMB7378 | | |
| B4LK | Lankart 57 background with B4 gene for bacterial blight resistance | Synonymous w/ B4 or TAES B4 | TAES Bul. L-2240 |
| B5663 | T 5690/T 7044 | Parents in Table 3. | |
| B 16662 | T 6757/T 7044 | Parents in Table 3. | |

**Table 3 (continued). Pedigrees of breeding lines and obsolete cultivars included in pedigrees of recent cultivars.**

| Strain/cultivar name | Pedigree | Pedigree Notes | Source |
|---|---|---|---|
| B3302 | S196/1900-1 | | |
| B1644 | C6TE/NMB3080 | | |
| Bayou | Deltapine 15/Clevewilt 6 | | |
| Bayou 7769 | Sel. of Bayou | | |
| BBR | Sel. Jackson Round Boll via STV 2B via STV 5 via Lone Star | Fig. 4 | Ramey, 1966 |
| Blightmaster | Stormmaster *2/4-1; 4-1=STV20/Acala 5675 | Fig. 9; See also CA291A | Ramey, 1966 |
| Bonham | Empire/Lankart B4//Tamcot SP21; Lankart B4=B4LK (Table 3) | Tamcot SP21 (Table 2) | Metzer & Supak, 1990 |
| C108 | Wilt resistant Acala line from TX AES, El Paso, | | W. Fisher/PC |
| C6-5 (AKA C6) | Q6-2 Acala/Hopi Mencopi//?*Acala; i.e. unknown number of backcrosses to unknown Acalas | Fig. 7 for Hopi Acala origin | Turner, 1974 |
| C6TE | C6-5//TH458/Early Fluff | | S.R. Oakley/PC |
| CA1003 | CA958/CA702 | | D.F. Owen/PC |
| CA1056 | CA803/AZ6024 | | Metzer et al., 1984 |
| CA1072 | CA614/E364 | | D.F. Owen/PC |
| CA1073 | CA614 (V538)/AZ6024-11-1 | | D.F. Owen/PC |
| CA1076 | CA491/AZ6024-11-1 | | D.F. Owen/PC |
| CA122 | Macha/Rogers Acala 111; Same pedigree as Stormmaster | Parents in Fig. 9 and 10 | D.F. Owen/PC |
| CA1786 | CA961/CA1003 | | D.F. Owen/PC |
| CA291A | STV 20/Acala 5675//2*CA122 (Thaxton/PC has “Blightmaster with B7 gene”) | Same pedigree as Blightmaster | D.F. Owen/PC |
| CA3004 | | | |
| CA3006 | | | |
| CA3016 | | | |
| CA3026 | | | |
| CA3029 | | | |
| CA3064 | | | |
| CA3068 | | | |
| CA398 | CA291A/89A//CA122; 89A=Macha/2*Acala | | D.F. Owen/PC |
| CA488 | Acala 49//Express/Egyptian/3/KP (African)/C108 | Express (Fig. 3) | D.F. Owen/PC |
| CA491 | C.B.3051 (Yugoslav)/Stormrider | | D.F. Owen/PC |
| CA550 | CA291A/Shafter 011 | | D.F. Owen/PC |
| CA563 | Lankart 611W/CA398-56-4 | | D.F. Owen/PC |
| CA614 | CA488/CA398-56-4 | | D.F. Owen/PC |
| CA659 | CA291A/CA550 | | |
| CA663 | CA398/3/CA291A/Empire KK//Aub. 155-156 | | D.F. Owen/PC |
| CA702 | CA491//STV Smoothleaf/CA291A | | D.F. Owen/PC |
| CA758 | CA659/CA398 | | D.F. Owen/PC |
| CA788 | C398/P1874 | CA788=Tamcot 788 | D.F. Owen/PC |
| CA803 | Del Cerro/CA398 | | D.F. Owen/PC |
| CA852 | CA291A-60B//CA291A-60A/Shafter 011/3/P1874/4/CA398 | | D.F. Owen/PC |
| CA958 | Nectariless/3 (or 4)*CA291A | | D.F. Owen/PC |
| CA961 | CA491/Del Cerro | | D.F. Owen/PC |
| Clevewilt | Cleveland 884/Dixie Triumph | Fig. 5 | Ramey, 1966 |
| Coker 100 | Sel. STV 2 (possibly outcrossed to Coker Foster) | Fig. 5 | Ramey, 1966 |
| Coker 100 Staple | Sel. Coker 100 | | Ware, 1950 |
| Coker 100W | Sel. Coker 100 (probably outcrossed to Clevewilt) | Fig. 5 | Ramey, 1966 |
| Coker 201 | Set. Carolina Queen (see Fig. 5) | | L. May/PC |
| Coker 413 | Glabrous off-type in Coker 100 Wilt/Coker Wilds | | CS19:410 |
| Coker 421 | Sel. Coker 413 | | CS19:410 |

**Table 3 (continued). Pedigrees of breeding lines and obsolete cultivars included in pedigrees of recent cultivars.**

| Strain/cultivar name | Pedigree | Pedigree Notes | Source |
|---|---|---|---|
| Coker 67-109 | Unknown | | |
| Coker Wilds | Deltatype Weber/Lightning Express | AKA, Wilds (Fig. 6) | Ramey, 1966 |
| Cook 307-6 | Sel. Cook Improved | Fig. 3 | Ramey, 1966 |
| Cook Improved | Sel. Beat-All; Probably outcrossed to Dickson | Fig. 3; Possible synonym, Cook | Ramey, 1966 |
| Coquette | LA AES strain of unknown parentage | | CS18:163-164 |
| Del Cerro | Sealand/Mesilla Valley Acala (MVA)//MVA/Triple Hybrid (TH)/3/MVA/TH//AHA 6-1-4/MVA | Also Fig. 10 | Staten, 1971 |
| Deltapine 14 | DP 11/DP 10 | Also Fig. 8 | K.R. Jones/PC |
| Deltapine 15 | Sel. DP 14 | Also Fig. 8 | K.R. Jones/PC |
| Deltapine 16 | DP Smoothleaf/Fox 4-4205; Fox 4-4205=DP 45=Sel. Fox 4 | Parents in Fig. 8 | K.R. Jones/PC |
| Deltapine 45 | Sel. Fox 4; =Fox 4-4205 | Also Fig. 8 | K.R. Jones/PC |
| Deltapine 5540 | Auburn 56/DP 15 | Also Fig. 8 | K.R. Jones/PC |
| Deltapine 6434 | Sib. or Sel. DP SR-5 (Table 2) | | PVP # 9000154, Ex. A |
| Deltapine Smoothleaf | Sel. DP 15 | Fig. 8 | Ramey, 1966 |
| Demeter | DES HAF 277/Pima S-3//2*Upland | DES HAF 277 in CS 13:778 | Proc 1981 BWCC, p. 94 |
| DES 237-7 | DES2134-018/DP 5916-65; DES2134-018 = sib. DES 56; DP 5916-65 = Sel. DP 16 | DES56 (Table 2), DP16 (Table 3) | CS27:1316 |
| Dixie King | Coker 100W/Empire WR//Bobsbaw 1; Bobshaw 1=Sel. STV 5A | Fig. 5 | Ramey, 1966 |
| E364 | (see Tex E364) | | |
| Earlistaple | Tidewater Acala/Coker Wilds | | Culp & Harrell, 1974 |
| Early Fluff | Station C/Empire; Station C=Sel. Clevewilt | | Turner, 1952 |
| Empire | STV 2/Cook 307-6 | Fig. 4 | Ramey, 1966 |
| Empire WR | Sel. Empire | =Empire WR?; Fig. 4 | Ramey, 1966 |
| Fox 4 | Sel. Fox; Fox=STV 2/DP 14 | Fig. 8 | Ramey, 1966 |
| Fox 42 | Probable synonym for Fox 4-4205 (see DP 45) | | K.R. Jones/PC |
| GC-210 | Sel. SB3-3 USDA Acala Breeding Line | | PVP Exhibit A 200000175 |
| GC-9033 | Dp. 30/Coker 304 | | PVP Exhibit A 200000175 |
| GC-100 | GC -210/Dp. 50//DES 119 | | PVP Exhibit A 200000177 |
| GC-303 | GC-210/Dp. 50//Dp. 90 | | PVP Exhibit A 200000178 |
| Gregg | Sel. Macha | Fig. 9 | Ramey, 1966 |
| G5559 | C6TE/NM 7378//G8160 | | |
| G5522 | C6TE/NM 7370//G0042/SJ2 | | |
| HA 76 | Hopi Moencopi/Acala Q 6-2; =Hopi Acala 76 | Fig. 7 | Ramey, 1966 |
| Hartsville | Indirect Sel. Wyche | Fig. 2 | Ramey, 1966 |
| Hopicala | Sel. no. 4447 from AHA 6-1-5 | Also Fig. 10 | Staten, 1971 |
| HYC74-283 | Mass Cross w/: (Half & Half, Quapaw, Stripper 31, PM 18, M059-1021) / (71CX-15, 71C-18) | No additional info. given | CS21:991-992 |
| HYC76-59 | Sel. HYC74-283 | | CS21:991-992 |
| Im2 | Unknown | | |
| John Cotton Polycross | Intercross: Acalas(Hopicala, 7378, 8229, 2302), Aub 56, STV213, DP smoothleaf, PM111 | Blend of 5 double crosses | C.L. Roberts/PC |
| L2950 | G5559/G5522 | | |
| La. HG 063 | La. HG 83-1-1546/La. HG 1838-1497; Parents from intercross of STV 213 and XG-1 5 progeny | | CS28:200 |
| La. 434 RKR | Bayou 7769/Dp 16 | | |
| Lankart | Indirect Sel. Petit Gulf | Fig. 3 | Ramey, 1966 |
| Lankart 3840 | Sel. Lankart 57 | | NilesIPC |
| Lankart 57 | Sel. Lankart | Fig. 9 | Ramey, 1966 |
| Lankart 611 | Sel. Lankart 57 | Fig. 9 | Ramey, 1966 |
| Lewis | Experimental designation = Tx-Le6873 | TAES line | R. Holland/PC |
| Lockett 4789 | Lone Star/Lockett 88A | Fig. 9 | Ramey, 1966 |
| Lubbock 4 | Unknown | | |

**Table 3 (continued). Pedigrees of breeding lines and obsolete cultivars included in pedigrees of recent cultivars.**

| Strain/cultivar name | Pedigree | Pedigree Notes | Source |
|---|---|---|---|
| M11 | Nectariless stock from J.R. Meyers | | J. Econ. Ent 62:588 |
| M8 | Doubled haploid of DP 14 | | W.M. Meredith/PC |
| M8948 | Original designation of M8 | | W.M. Meredith/PC |
| MC-T8-27-8C | DES 56/Tamcot SP37 | Parents in Table 2 | CS28:1035 |
| McNair 1032 | Sel. Auburn 56 | Fig. 6 | Ramey, 1966 |
| McNair 3150 | McNair7125/CKR 310 | | L. Roberts/PC |
| McNair 7125 | Atlas 92/Rex | | L. Roberts/PC |
| MD 82 ne | DES 24/DES 24-8ne//DES 24; DES 24-8ne=DP 16 nectariless on DES 24 background | DES 24 in Table 2 | W.M. Meredith/PC |
| MD65-11ne | FTA 263-20/4*DP 16//2*Deltapine 16ne; Deltapine 16 ne = nectariless isoline of DP 16 | FTA = PD breeding line (Table 3) | CS33:1415 |
| Mesilla Valley Acala | Sel. Watson' Acala via 707 via 1450 via Mesa Acala | | Staten, 1971 |
| Miscot 7803-52 | DES 56/MAR-22-74; DES 56 (Table 2); MAR-22-74 = "Advanced line from Texas A&M Univ." | | CS 29:242-243 |
| Missdel | Sel. Foster | Fig. 7 | Ramey, 1966 |
| MO-Del | TH108/AHA 6-1-4//Cook/Empire/3/Tanguis/4/Pandora/Early Fluff/5/Early Fluff 310/6/2*Aub. 56 | Fig. 15 | Kerr, Unpublished |
| M063-277 | Exp. designation of Delcot 277 (see Table 2) | Also Fig. 15 | CS12:126-127 |
| MO63-277BR2A | Crosses among: Delcot 277, MoDel, Auburn 56 | No additional info. given | CS25:198 |
| NM2302 | Exp. designation of Acala 1517D (see Fig. 10) | | Turner, 1974 |
| NM49-2 | Sel. Acala 49 | | Assumed |
| NM7403 | Unknown | Not in Staten, 1971 | |
| NMB3080 | Acala 49W/9136 | | Staten, 1971 |
| NMB4364 | Exp. designation of Acala 1517-70 (see, Table 2) | | CS18:164 |
| NMB7378 | Acala 2503/Coquette | Sib. Acala 1517V (Table 2) | Staten, 1971 |
| Nucala | Sel. original Acala via 5-37 via #5 via #3 | Fig. 10 | Ramey, 1966 |
| P1874 | High strength line from El Paso; Pedigree unknown | | D.F. Owen/PC |
| Pandora | Station C/Station 21; Station C=Sel. Clevewilt; Station 21=Sel. Dixie Triumph | Parents in Fig. 5 | Turner, 1952 |
| Paymaster 101 | PM 54/9-1; 9-1=Stoneville 20/Acala 5675 | Fig. 9 | Ramey, 1966 |
| Paymaster 105 | PM 54/Macha/2*PM 54 | Parents in Fig. 9 | G.A. Niles/PC |
| Paymaster 111 | PM 101/Lankart 611 | Fig. 9 | Ramey, 1966 |
| Paymaster 18 | Rowden/Empire//Empire/3/Oklahoma 4-1-3-6B2 | Okla..=Sel. Acala (Ware, 1950)? | R.H. Sheetz/PC |
| Paymaster 202 | Sel. PM 101 | Fig. 9 | Ramey, 1966 |
| Paymaster 54 | Sel. Kekchi | Fig. 9 | Ramey,1966 |
| Paymaster 909 | PM 101/CA 2 | CA 2=Acala/Hopi | R.H. Sheets/PC |
| Rex | BBR/2*Empire | Fig. 7 | Ramey, 1966 |
| Rex Smoothleaf | Dwarf Smoothleaf/2*BBR//Empire/2*Rex | Fig. 7 | Ramey, 1966 |
| Rowden | Sel. Bohemian | Fig. 3 | Ramey, 1966 |
| ROXE | Unidentified John Cotton line | | W. Fisher/PC |
| S1603 | AXTE-1/NM 2302 | Sib. Acala SJ-2 (Table 2) | J.F. Mahill/PC |
| Sealand 542 | Bleak Hall (a Sea Island)/5*Coker Wilds | | Culp & Harrell, 1974 |
| Shafter 011 | glandless line from Shafter, CA | | D.F. Owen/PC |
| Socorro Island | Wild G. hirsutum collection with high gossypol content from Socorro Island, Mexico | | J. Econ. Ent. 62:588 |
| Stardel | Dp 14/Stv. 20 | | |
| Stoneville 20 | Sel. Jackson Round Boll via STV 5A via STV 5 via Lone Star | Fig. 4 | Ramey, 1966 |
| Stoneville 213 | Sel. Jackson Round Boll via STV 7 via STV 2B via STV 5 via Lone Star; Selection 54213 | Fig. 4 | C.W. Manning/PC |
| Stoneville 7 | Sel. Jackson Round Boll via STV 2B via STV 5 via Lone Star | Fig. 4 | Ramey, 1966 |
| Stoneville 7A | Sel. Jackson Round Boll via STV 7 via STV 2B via STV 5 via Lone Star; Selection 54204 | Fig. 4 | C.W. Manning/PC |
| Stormmaster | Macha/Acala 111 | Fig. 9; Same pedigree as CA122 | Ramey, 1966 |
| Stripper 31 | SP31-66-2373; no additional info. available at this printing | Probable Pedigree in Fig. 17 | R.H. Sheetz/PC |
| T5690 | C6TE/NM 3080 | | |

**Table 3 (continued). Pedigrees of breeding lines and obsolete cultivars included in pedigrees of recent cultivars.**

| Strain/cultivar name | Pedigree | Pedigree Notes | Source |
|---|---|---|---|
| T6757 | Sel. C6TE | | |
| T6754 | C6TE/NMB3080 | | S.R. Oakley/PC |
| T7044 | AXTE 1-57/Tex E364 | | S.R. Oakley/PC |
| Tanguis | Wilt tolerant G. barbadense from Peru | | Turner, 1974 |
| Tex E364 | Strain from Escaleta Station, El Paso, TX, Unknown pedigree | | D.F. Owen/PC |
| TH (Triple Hybrid) 108 | G. arboreum/G. thurberi//3*Coker 100/3/Cook 144-133/4/4Coker 100 WB | Fig. 12 | Kerr, Unpublished |
| TH (Triple Hybrid) 149 | TH 108/Rowden 2088//Empire 8/3/Empire 10 | Fig. 13 | Kerr, Unpublished |
| TH (Triple Hybrid) 171 | G. arboreum/G. thurberi//3*Coker 100/3/Cook 144-133/4/Coker 100WR | Fig. 12 | Kerr, Unpublished |
| TH (Triple Hybrid) 458 | G. arboreum/G. thurberi//3*Coker 100/3/Cook 144-133/4/Coker 100WR | Fig. 12 | Kerr, Unpublished |
| Tidewater Acala | | | |
| TJ x EF 310 | TH 108/AHA 6-1-4/3/Cook/Empire/Tanguis/4/Pandora/Early Fluff/5/Early Fluff 310 | Also Fig. 15 | CS 12:126 |
| Westburn | Auburn 56/Western Stormproof | Parents in Fig. 6 and 9 | CS 9:522 |
| Western Stormproof | Western Prolific*2/Macha | Fig. 9 | Ramey, 1966 |
| Wilds | See Coker Wilds, this table | | |
| XG-15 | Socorro Island/DP 15//2*M11 | | J. Econ. Ent. 62:588 |
| | | | |
| **Multiple Adversity Resistance (MAR) germplasm from Texas AES, College Station** | | | |
| 101-102B | Sel. SP52-67 | | Thaxton/PC |
| 39-11-20 | Glandless genetic stock from Scott Mc Michael, Cotton Res. Ctr., Shafter, CA | | CS16:884 |
| 52o, B.V. 65 | K4808-5 (1&2)D//Blightmaster/39-11-20/3/K4808-5 (1&2)D/PayM54-M-105-3 | Component line of SP21 or SP37 | TAES Bul. L-1672 |
| 61K | K4805-5 (1&2)D//CA291A/39-11-20 | CA291A=Blightmaster | Thaxton/PC |
| 62K | K4805-5 (1&2)D//CA291A/39-11-20 | CA291A=Blightmaster | Thaxton/PC |
| 66N, B.V.56 | K4808-5 (1&2)D//Blightmaster/39-11-20/3/K4808-5 (1&2)D/PayM54-M-105-3 | Component line of SP21 or SP37 | TAES Bul. L-1672 |
| 79N,BV65 | K4808-5 (1&2)D//Blightmaster/39-11-20/3/K4808-5 (1&2)D/PayM54-M-105-3 | Component line of SP21 or SP37 | Thaxton/PC |
| 92K | K4805-5 (1&2)A/PayM54-105-3 | | Thaxton/PC |
| 93K | K4805-5 (l&2)A/PayM54-l05-3 | | Thaxton/PC |
| BCUS-8-76 | H4-10-71 (from intercross of Tamcot SP21, SP23, and SP37)/Blank-1-73 | | TAES Bul. L-2138 |
| Blank-1-73 | UNKNOWN/ASP-3-69; ASP-3-69=Lewis-12-71=Tamcot SP23/A8-64; A8-64—BC to Texcala | | TAES Bul. L-2138 |
| CAMD-21-S-78 | 21'-18-71 (strain of Tamcot SP21)/H4-14-71 (strain of Tamcot SP21S) | | TAES Bul. L-2138 |
| CAMD-21S-5 | 21-18 (strain of Tamcot SP21)/H4-14-71 (strain of Tamcot SP21S) | | TAES Bul. L2266 |
| CDPS-1-77 | H4-14-71 (strain of Tamcot SP21S)DPxP-4BR | | TAES Bul. L-2240 |
| DPxP4BR | B4LK/SPHI-4-BR | | TAES Bul. L-2240 |
| GN-8 | GN-1 (glandless, nectariless genetic stock)/H3-6 (strain of Tamcot SP23) | | TAES Bul. L2266 |
| H4-14-71 | One of two component lines of Tamcot SP21S | | TAES Bul. L-2240 |
| K4805-5 (1&2)A | Empire WR w/ bacterial blight genes B2B3 from Knight BAR (G. barbadense) | | CS16:884 |
| ORHU-1-78 | ORS-59/Blank-1-73; ORS-59=MDR 17M2-1 (a strain of SP21l)IORLG (an okra-frego stock) | | Thaxton/PC |
| PayM54-M-105-3 | Paymaster 54 breeding stock obtained in 1956 | Paymaster 54 (Fig. 9) | CS16:884 |
| SP 11-67 | 92K/61K; a strain of Tamcot SP23 (Table 2) | | Thaxton/PC |
| SP 12 | 92K/61K; a strain of Tamcot SP23 (Table 2) | | Thaxton/PC |
| SP 19 | Strain of Tamcot SP21 (Table 2) | | Thaxton/PC |
| SP 20 | Strain of Tamcot SP21 (Table 2) | | Thaxton/PC |
| SP 24 | CA398/P1874 | Sib. Tamcot 788 | L.M. Verhalen/PC |
| SP 52-67 | 92K/61K; a strain of Tamcot SP23 (Table 2) | | Thaxton/PC |
| SPHI-4 | Tri-species hybrid | | Thaxton/PC |
| Tamcot 788A | CA398/P1874 | | D.F. Owen/PC |

**Table 3 (continued). Pedigrees of breeding lines and obsolete cultivars included in pedigrees of recent cultivars.**

| Strain/cultivar name | Pedigree | Pedigree Notes | Source |
|---|---|---|---|
| **Pee Cee Germplasm** | | | |
| A (PD line) | TH 171/Sealand 7//Earlistaple | Fig. 11 | Culp & Harrell, 1974 |
| AC (PD line) | C6-5/3/TH 171/Sealand 7//Earlistaple | Fig. 11 | Culp & Harrell, 1974 |
| F (PD line) | Sealand 542/TH 108/AHA 6-1-4/3/13 Earlistaplc | Fig. 11 | Culp & Harrell, 1974 |
| FJA (PD line) | F/J//A | Fig. 11 | Culp & Harrell, 1974 |
| FTA (PD line) | F/T//A | Fig. 11 | Culp & Harrell, 1974 |
| J (PD line) | TH 108/AHA 6-1-4//Earlistaple | Fig. 11 | Culp & Harrell, 1974 |
| PD 6142 | SC-1//CKR 421/PD2164 | SC-1 (Table 2); Others (Table 3) | L. May/PC |
| PD2164 | AC239/FJA348 | | Culp & Harrell, 1974 |
| PD2165 | AC/FJA | Fig. 11 | Culp & Harrell, 1974 |
| PD2183 | C6-5/Earlistaple/FJA | | L. May/PC |
| PD4381 | Auburn 56/AC 349 | Fig. 11 | CS19:418 |
| PD4398 | FTA 263/Atlas | | Culp & Harrell, 1974 |
| PD4461 | V/4*Auburn 56//V/4*Earlistaple; V=experimental Pima line | AKA Line QI | L. May/PC |
| PD8619 | DP4461/MO-DeI | | L. May/PC |
| PD8623 | AC/Dixie King//CKR 421 | Fig. 11 | Culp & Harrell, 1974 |
| PD875 | DSR-1x6-56/2*PD8619; DSR...= Sel. storm-resistant dwarfs from TAES | | L. May/PC |
| PD9233 | | | |
| PD9240 | Coker 421/PD4398 | Sib. SC-1 (Table 2) | CS25:201 |
| PD9249 | Sel. FJA | | L. May/PC |
| PD9363 | Carolina Queen/PD9249//PD2183/PD2164 | | CS 19:751 |
| T (PD line) | TH 108/AHA 6-1-4//Earlistaple | Fig. 11 | Culp & Harrell, 1974 |
| **Pima Germplasm** | | | |
| 5903-98-4-4 | SI/Pima S-1///P32/Pima S-1//3-79/Pima S-1 | | R. Percy |
| 5934-23-2-6 (P19) | HB-3181///3-79/Pima S-1//Pima S-1 | | R. Percy |
| Ashmouni | Sea Island/JumeI; JumeI=a G. barbadense tree cotton in Egypt | | Niles & Feaster, 1984 |
| P28 | 2-2-2-3/4/x4/3/Pima S-1//SSI | | R. Percy |
| Pima 3-79 | Sakel/Old Pima//Old Pima///Giza 7/4/Sakel/Old Pima//Old Pima | | R. Percy |
| Pima 32 | SXP/Pima//Giza 7 | | R. Percy |
| 86-293 | 80-137/80-142=P 28/Pima S-5//Pima S-5/P 32 | | Hal Moser |
| P 36 | HB 3181/3/3-79/Pima S-1//Pima S-1/4/Tifton, GA//3-79/Pima S-1 | | Hal Moser |
| ATL 75 B | Pima S-4/3/3-79/Pima S-1//Pima S-1 | | Hal Moser |
| ATL 74 F | 3-79/Pima S-1//Pima S-1/3/Pima 32/Pima S-1//3-79/Pima S-1/4/Tifton. GA//3-79/Pima S-1 | | Hal Moser |
| Pima 38 | Sib. Pima S-2 | | |
| P 74 | 81-107/P 59=ATL 75B/P36//ATL 74-F/P 36 | | Hal Moser |
| Pima 79-103 | 6503-33-3-1/6612-62-5 | | CS20:831-832 |
| Pima 79-106 | 6503-33-3-1/6614-91-11 | | CS20:831-832 |
| Pima S-1 | Complex cross of Sea Island, Pima, Tanguis, Stoneville | | Niles & Feaster, 1984 |
| Pima S-2 | Pima 3-79/Pima S-1 | | CS16:603 |
| Pima S-3 | Mass Cross (“Hybrid B”) Incl.: Pima S-1, Tanguis, Pima strain 1-71, Ashmouni, Giza 12, Pima 32... | | CS16:604 |
| Pima S-4 | Pima 32/Pima S-1 10-8//Pima S-2 | S1 10-8=Sel. Pima S-1? | CS16:604 |
| P82 | Sel. Pima 5-7 | | S.R. Oakley/PC |
| P94 | Se. Pima S-6 | | S.R. Oakley/PC |
| W402 | Sel. SP9 which is a sel. Of Pima S-6 | | S.R. Oakley/PC |

**Table 3 (continued). Pedigrees of breeding lines and obsolete cultivars included in pedigrees of recent cultivars.**

| Strain/cultivar name | Pedigree | Pedigree Notes | Source |
|---|---|---|---|
| **Pima Germplasm** | | | |
| P45 | 6503-33-3-1/6614-91-11 | PI 542770 | CS31:495, Turcotte, Feaster, Young |
| P51 | 6503-33-3-1/6612-62-5 | PI 542771 | CS31:495, Turcotte, Feaster, Young |
| P52 | 6112-4-1-5-1 SB/6404-68-2-9 | PI 542772 | CS31:495, Turcotte, Feaster, Young |
| P62 | 6503-33-3-1/6614-91-11 | PI 542773 | CS31:495, Turcotte, Feaster, Young |
| P66 | 6614-91-9-3/6910-20-1-5 | PI 542774 | CS31:495, Turcotte, Feaster, Young |
| E15 | single pl. se. EL-5782, Hyb. B | PI 542775 | CS31:495, Turcotte, Feaster, Young |
| 8327 | single plant sel., mass cross | PI 561923 | CS33:347, Percy & Turcotte |
| 84514 | 8004-95-5/7907-38-5-4 | PI 561924 | CS33:347, Percy & Turcotte |
| 84524 | 7804/H2067-GE | PI 561925 | CS33:347, Percy & Turcotte |
| P70 | P32/P41 | PI 593678 | CS37:626-627, Percy & Turcotte |
| P71 | 81-135/80-142 | PI 593679 | CS37:626-627, Percy & Turcotte |
| P72 | Pima S-6/81-107 | PI 593680 | CS37:626-627, Percy & Turcotte |
| P73 | Pima S-6-P53 | PI 593681 | CS37:626-627, Percy & Turcotte |
| P74 | 81-107/P59 | PI 593682 | CS37:626-627, Percy & Turcotte |
| P75 | P45/P53 | PI 593683 | CS37:626-627, Percy & Turcotte |
| P76 | P60/P58 | PI 593684 | CS37:626-627, Percy & Turcotte |
| P77 | 83-201/82-216 | PI 593685 | CS37:626-627, Percy & Turcotte |
| P78 | 81-244/82-216 | PI 593686 | CS37:626-627, Percy & Turcotte |
| P79 | P62/P59 | PI 593687 | CS37:626-627, Percy & Turcotte |
| 8810 | P72/P73 | PI 599428 | CS38:1409, Percy & Turcotte |
| 89590 | S.I. St. Vincent V-135/P62 | PI 599427 | CS38:1409, Percy & Turcotte |
| 93252 | P62/Giza 70//8006/P73 | PI 619624 | CS42:988, Percy |
| 93260 | 89590//P62/Giza 70 | PI 619625 | CS42:988, Percy |
| 94217 | P62/S.I. St. Vincent//8810 | PI 619626 | CS42:988, Percy |
| 94218 | P75/88-314//8810 | PI 619627 | CS42:988, Percy |
| 94220 | P62/S.I. St. Vincent//8810 | PI 619628 | CS42:988, Percy |

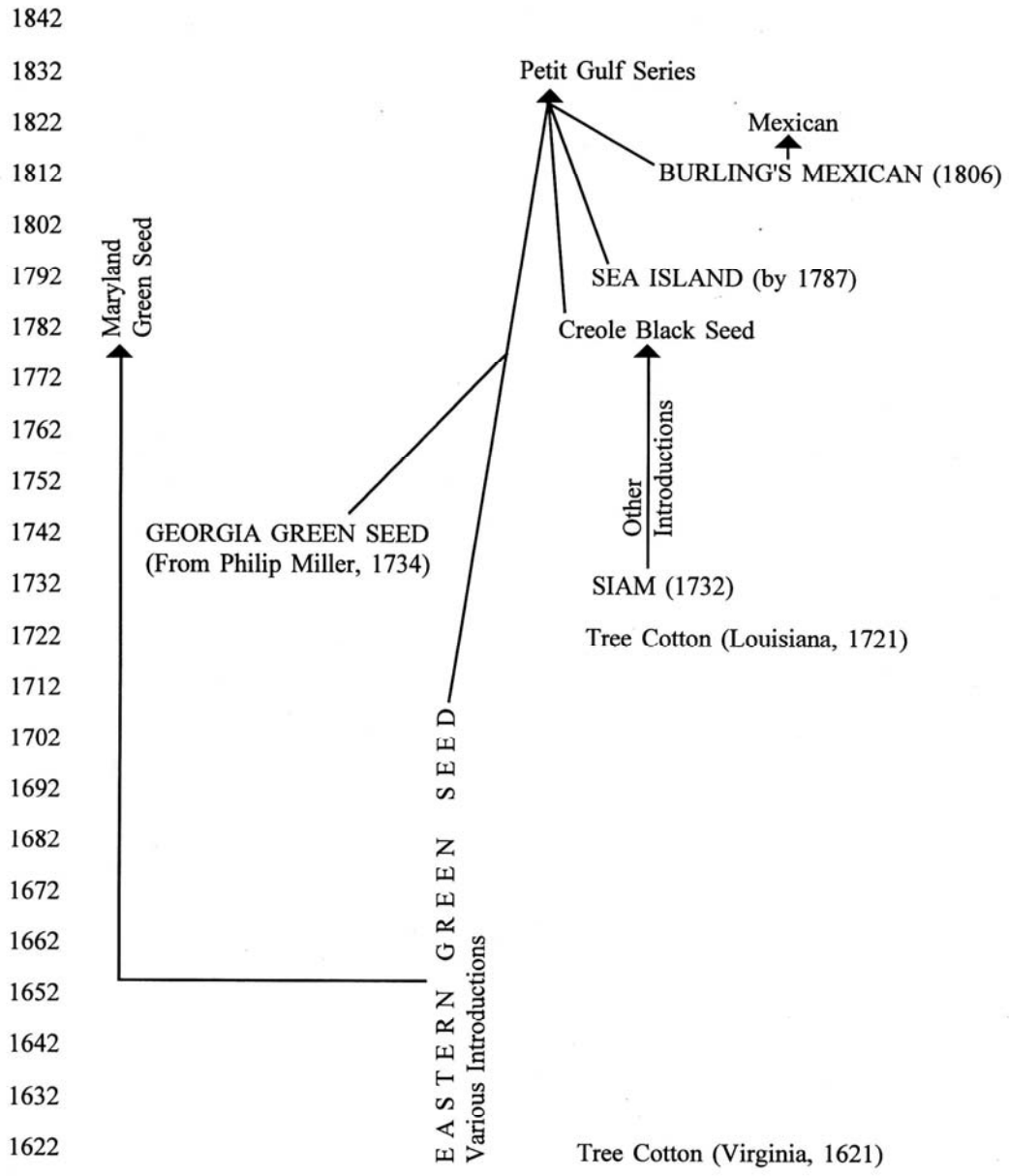



Figure 1. Primary sources of germplasm for American Upland cottons. Uppercase letters indicate introductions or original sources of germplasm. (Figure redrawn from Ramey, 1966.)

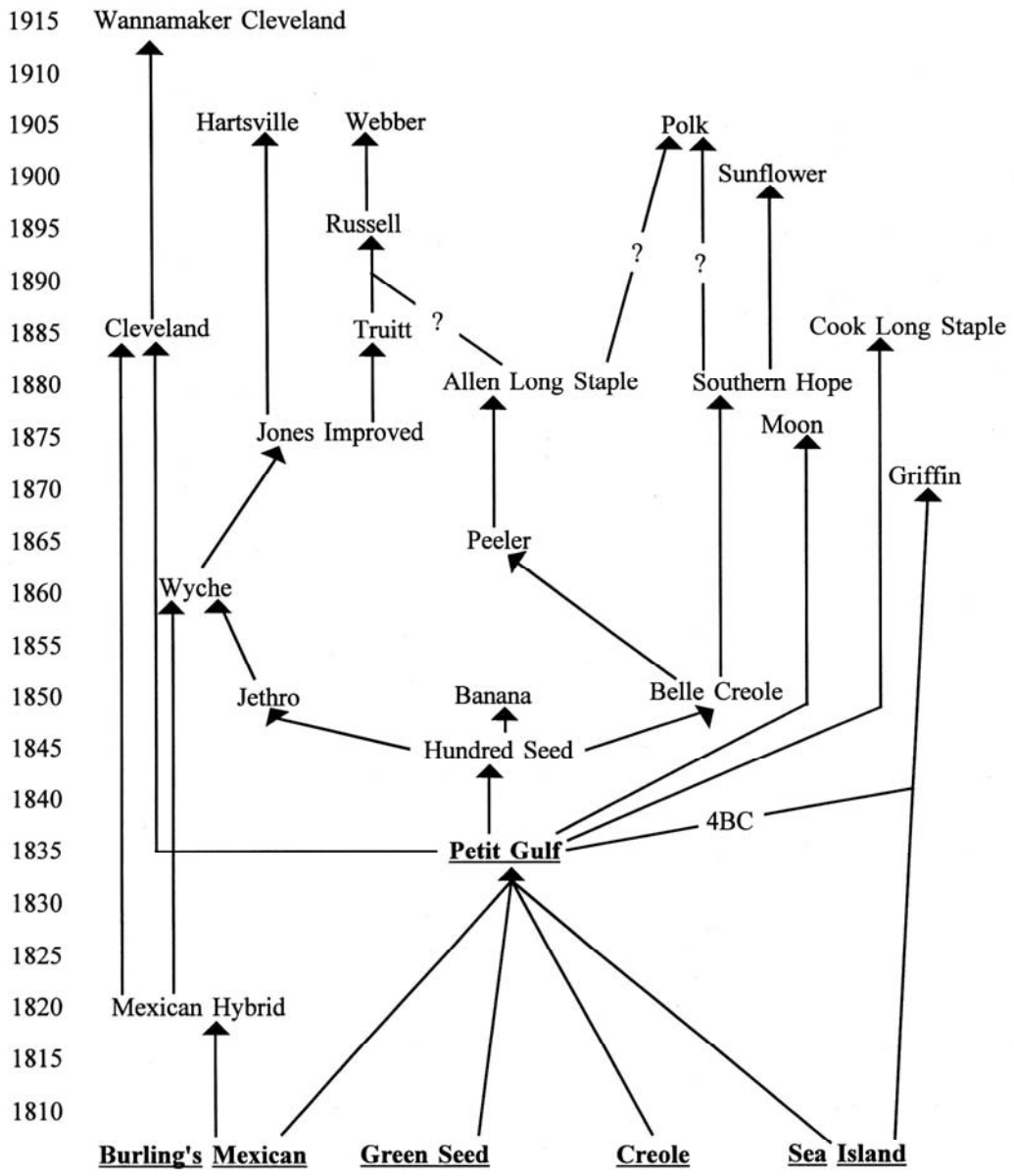



Figure 2. Development of Long Staple and Eastern Big Boll cottons. Underline and bold face type indicate germplasm sources that appear in previous figure(s). Question mark (?) indicates possible outcross parent. (Figure redrawn from Ramey, 1966.)

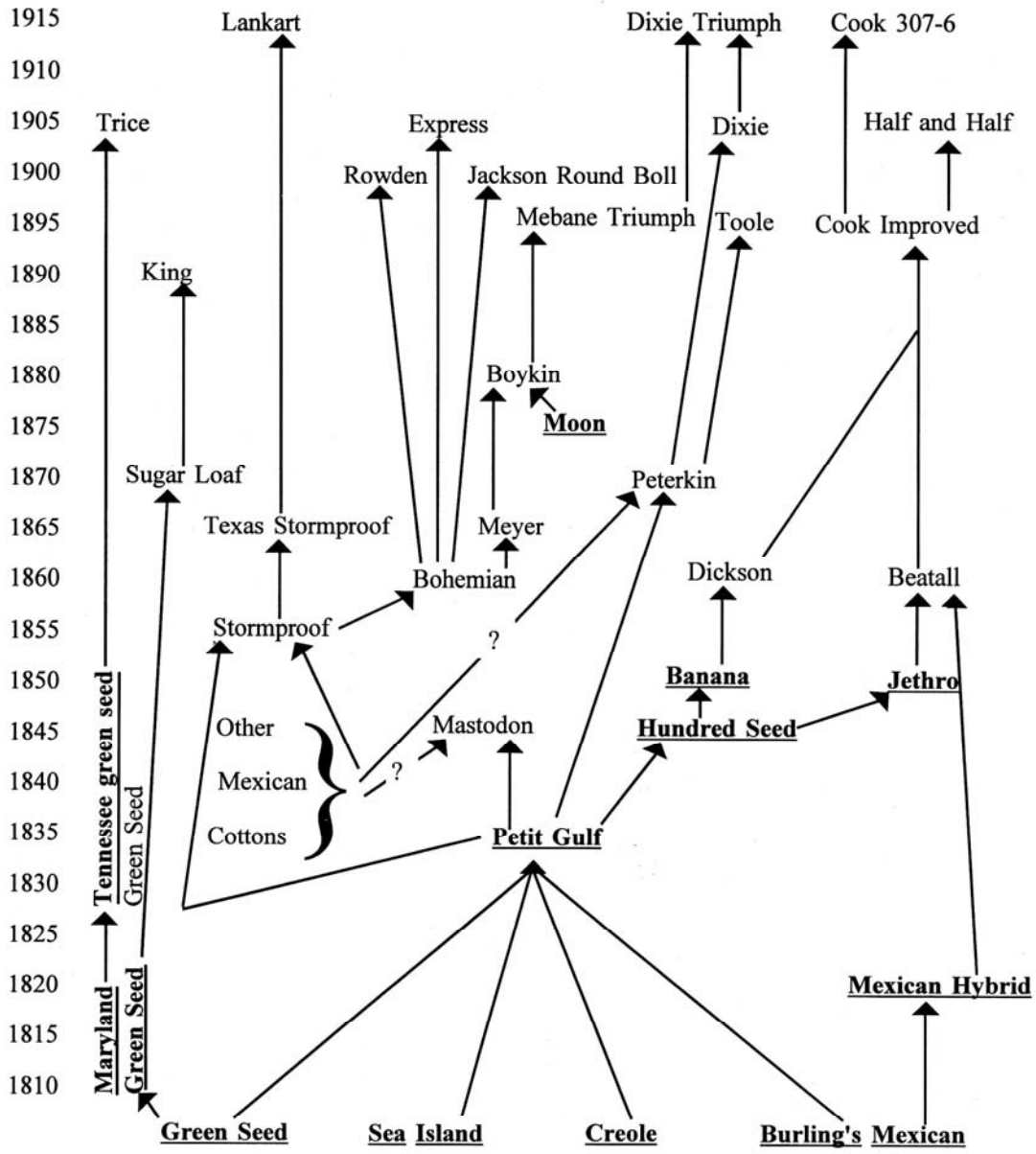



Figure 3. Development of Western Big Boll, Early, and Wilt Resistant cottons. Underline and bold face type indicate germplasm sources that appear in previous figure(s). Question mark (?) indicates possible outcross parent. (Figure redrawn from Ramey, 1966.)

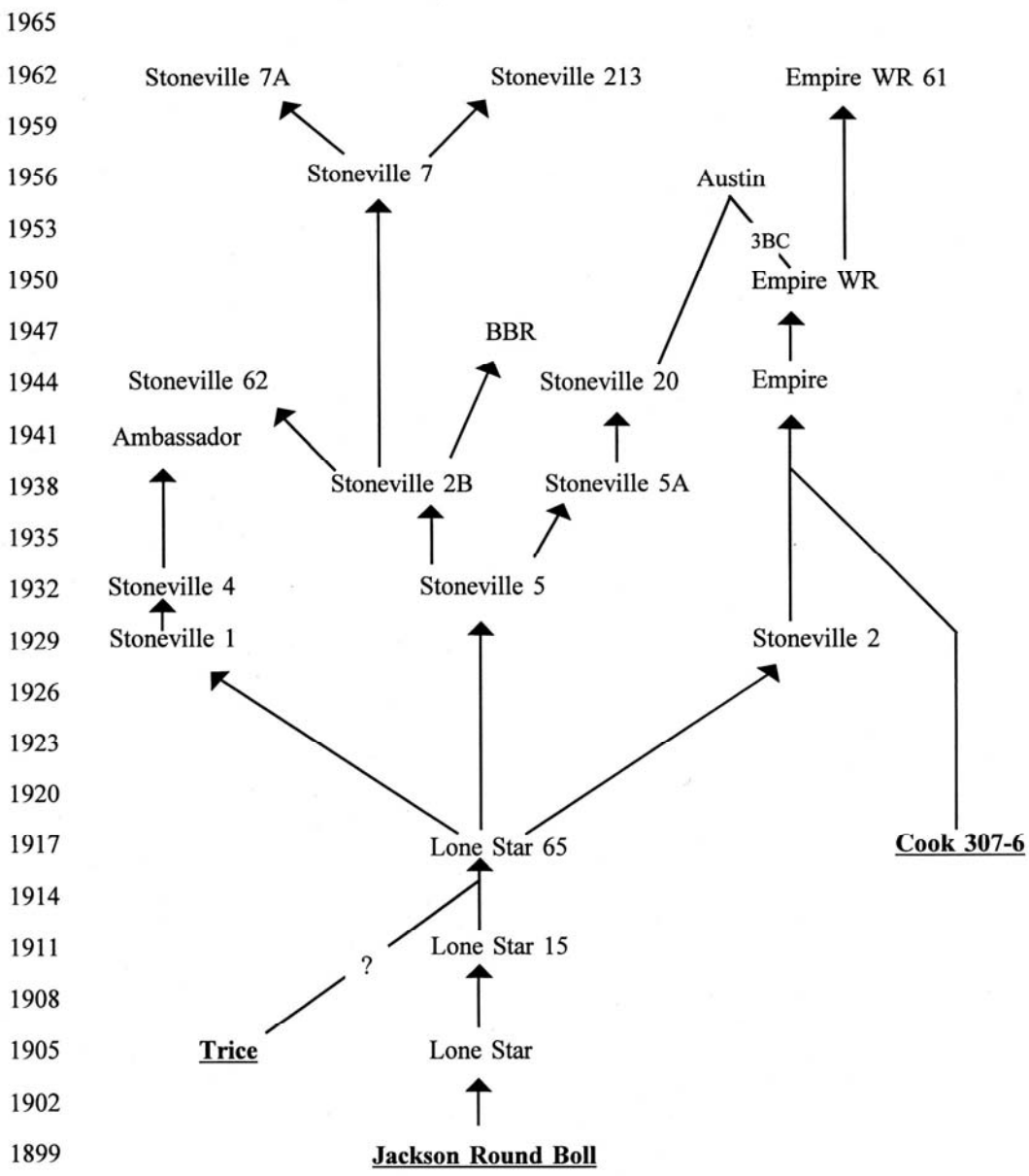



Figure 4. Development of Stoneville, Empire and Austin cottons. Underline and bold face type indicate germplasm sources that appear in previous figure(s). Question mark (?) indicates possible outcross parent. (Figure redrawn from Ramey, 1966.)

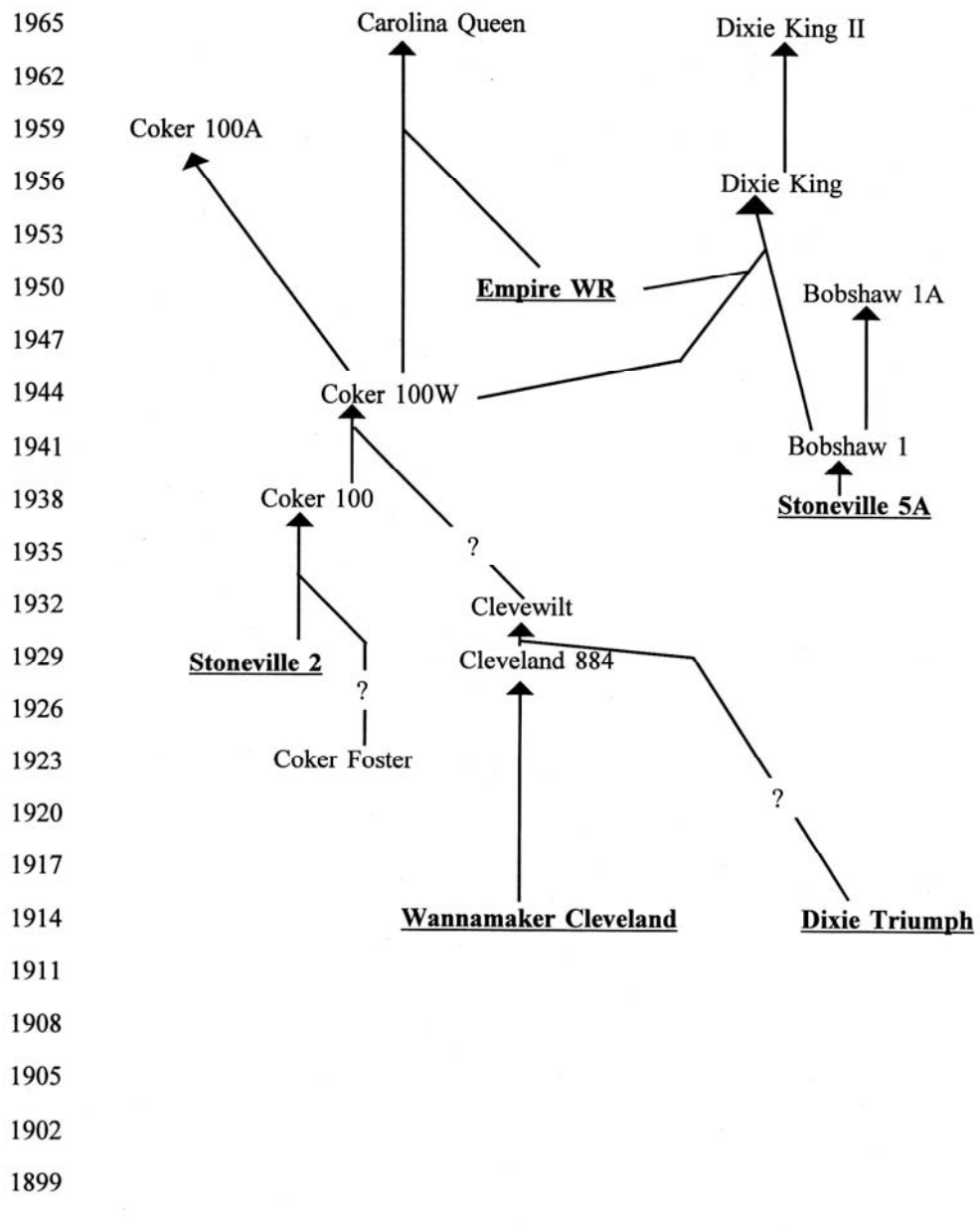



Figure 5. Development of Coker and Dixie King cottons. Underline and bold face type indicate germplasm sources that appear in previous figure(s). Question mark (?) indicates possible outcross parent. (Figure redrawn from Ramey, 1966.)

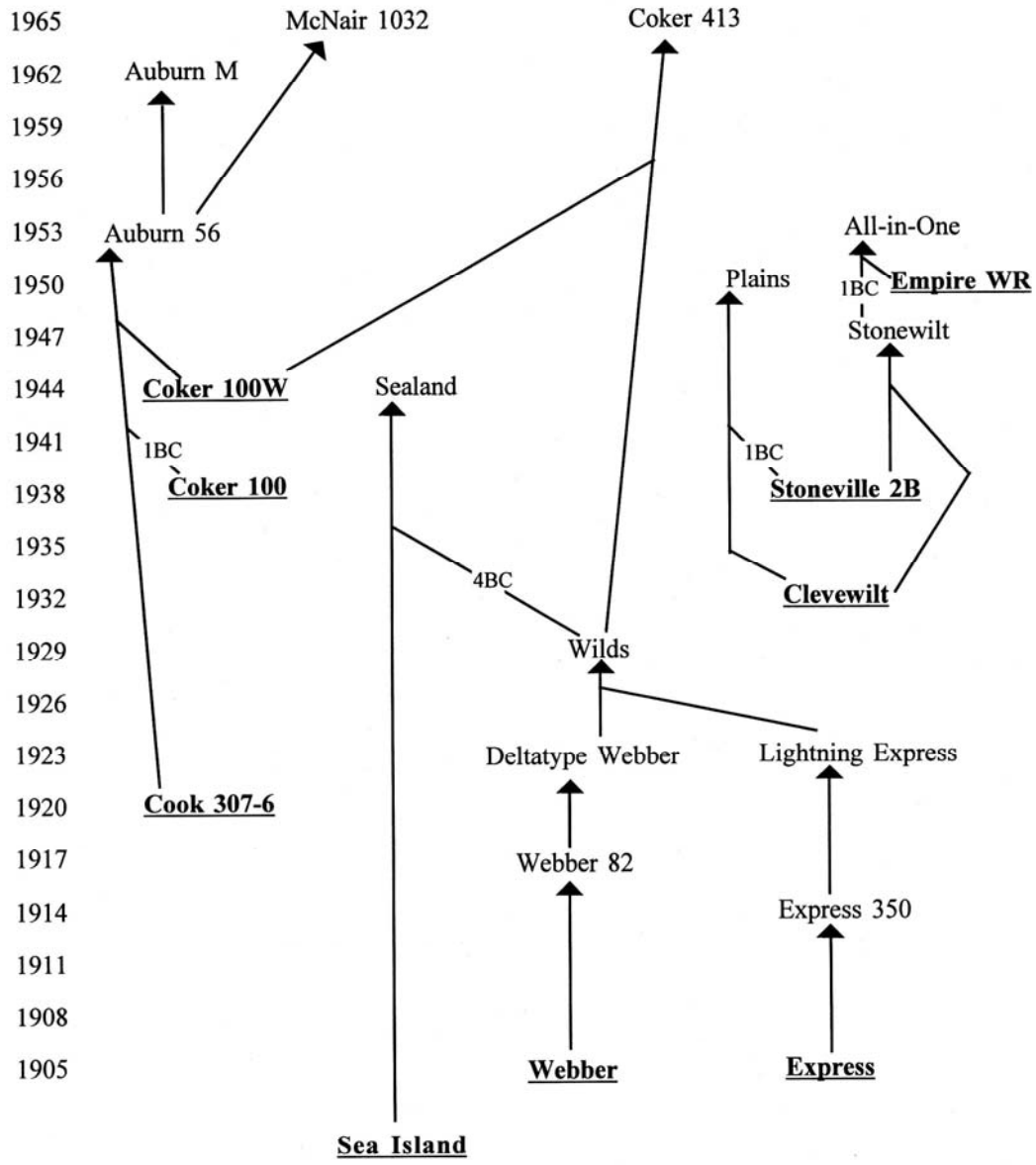



Figure 6. Development of Auburn 56 and Plains cottons. Underline and bold face type indicate germplasm sources that appear in previous figure(s). "BC" indicates number of backcrosses to recurrent parent. (Figure redrawn from Ramey, 1966.)

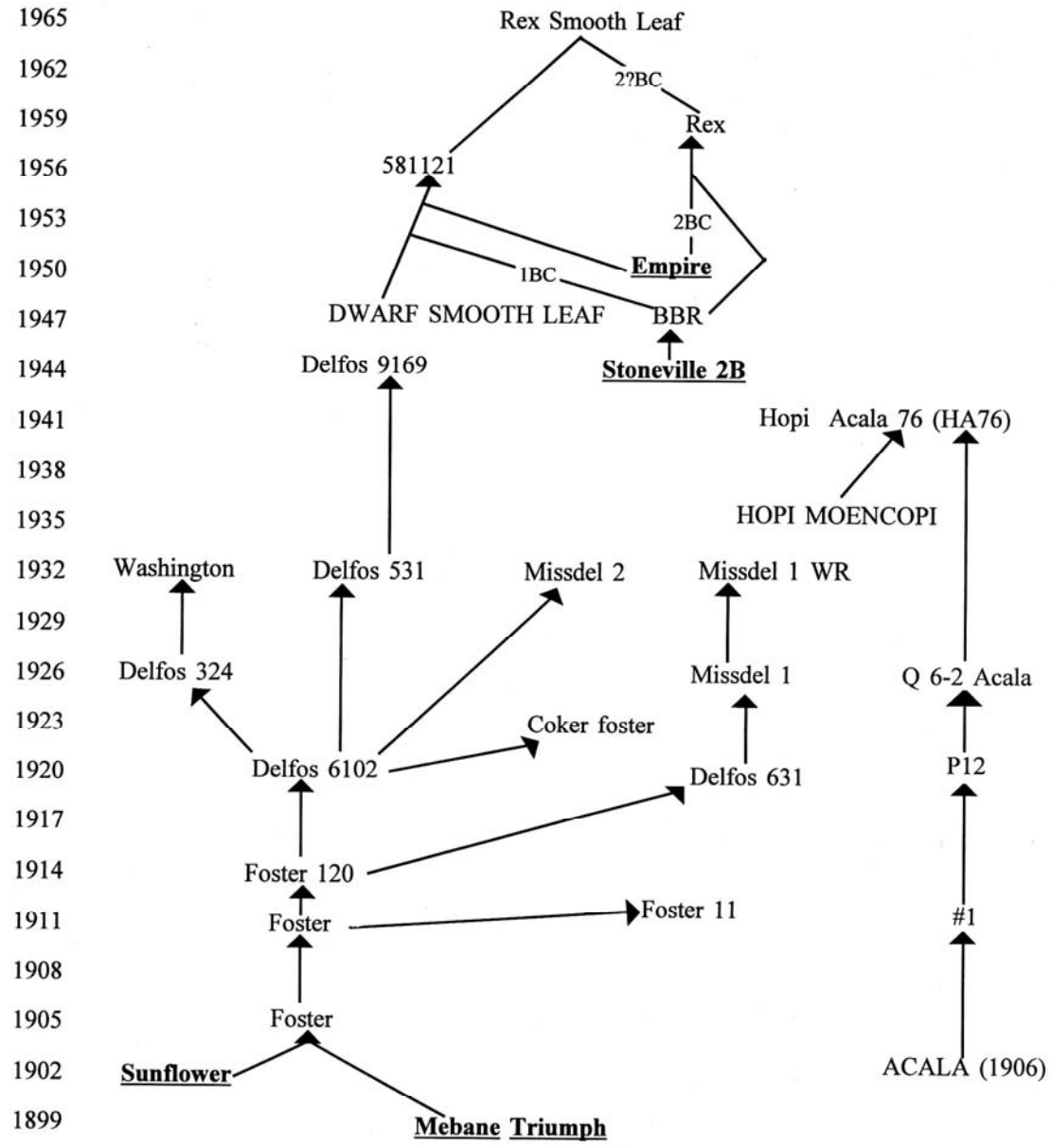



Figure 7. Development of Rex, Delfos, and Hopi Acala 76 cottons. All uppercase letters indicate original or new sources of germplasm; underline and bold face type indicate germplasm sources that appear in previous figure(s). "BC" indicates number of backcrosses to recurrent parent. (Figure redrawn from Ramey, 1966.)

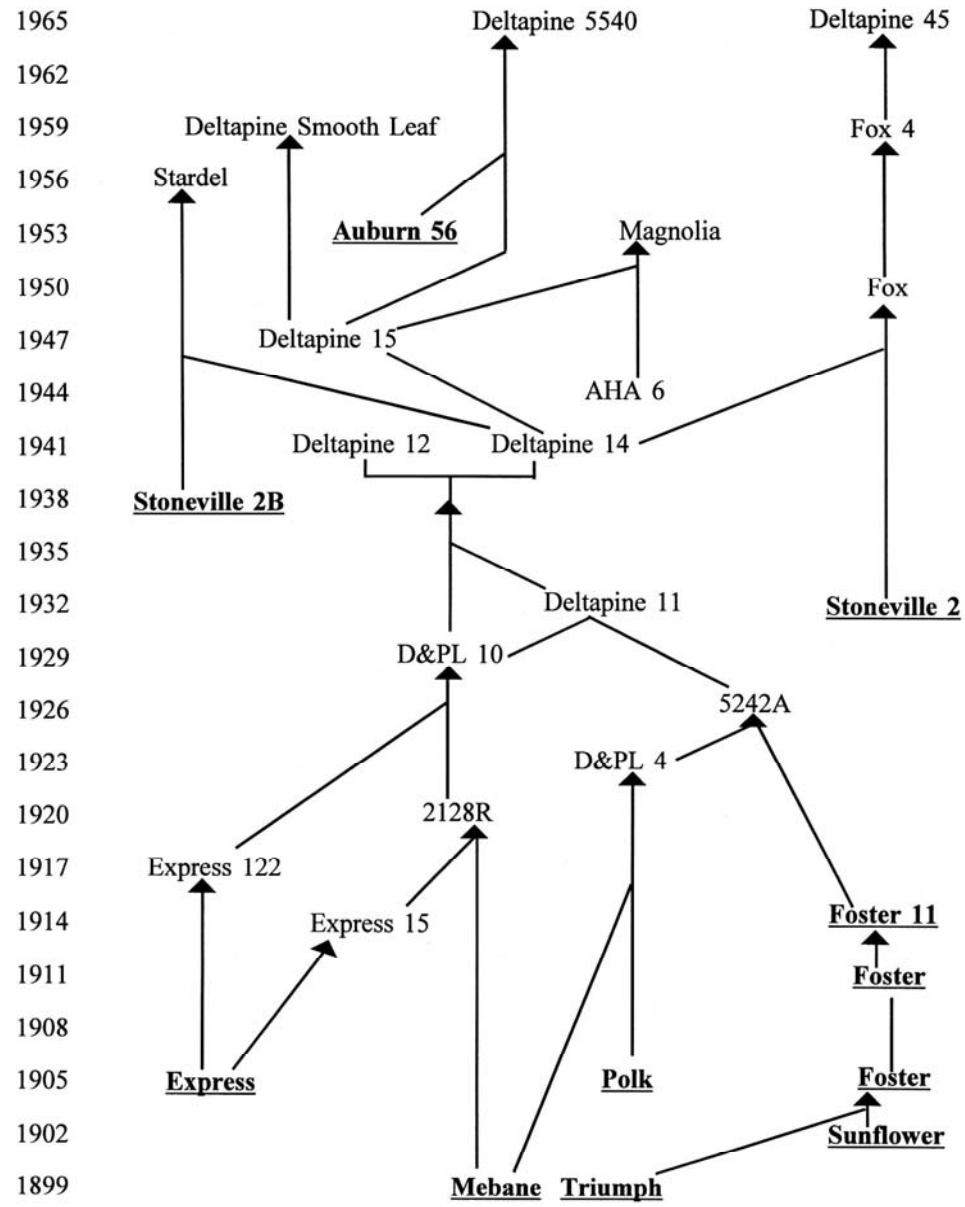



Figure 8. Development of Deltapine cottons. Underline and bold face type indicate germplasm sources that appear in previous figure(s). Development of AHA6 given in Figure 10. (Figure redrawn from Ramey, 1966.)

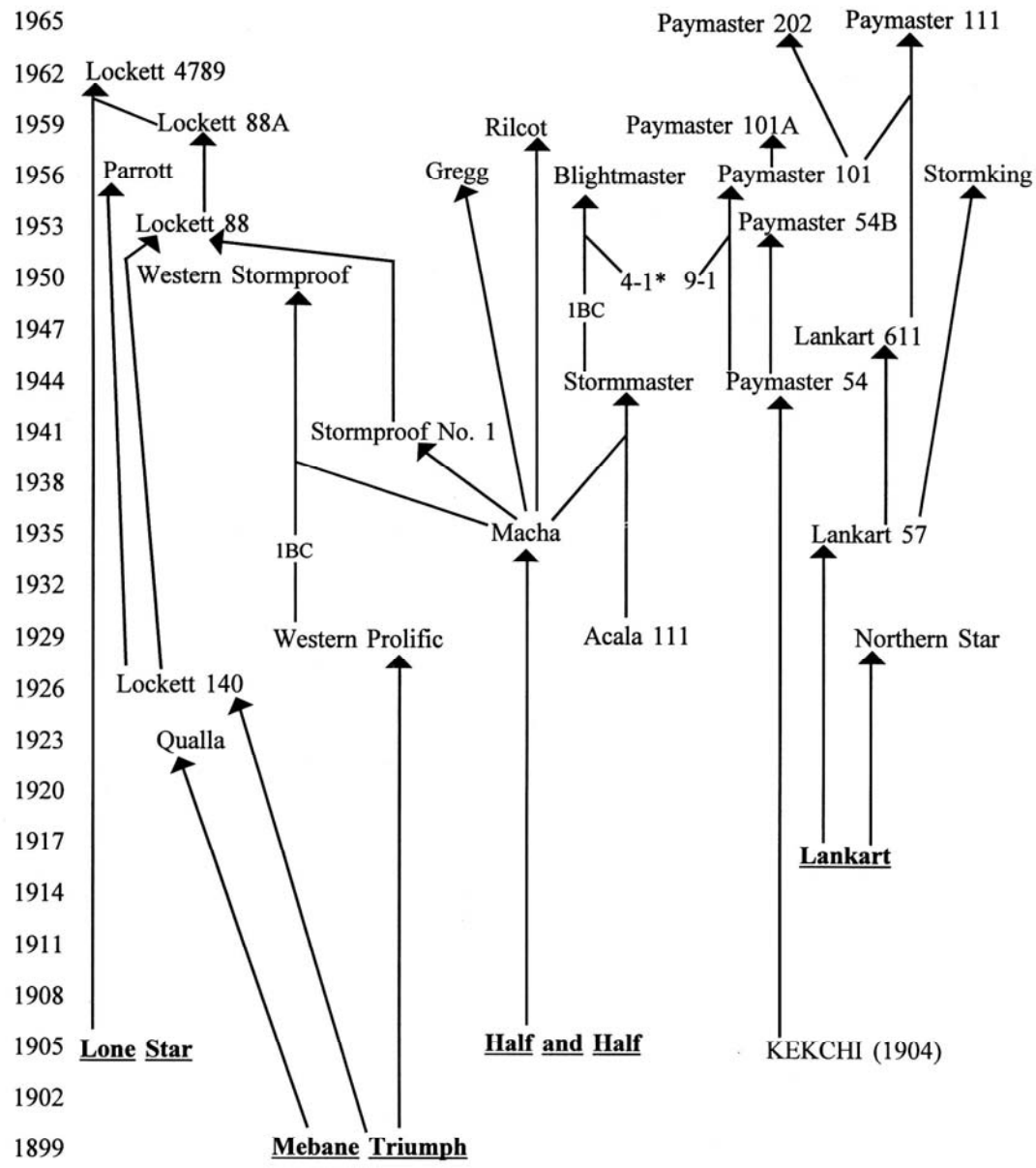



Figure 9. Development of Plains cottons. Underline and bold face type indicate germplasm sources that appear in previous figure(s). All uppercase letters indicate introduction or new source of germplasm. Development of Acala 111 given in Figure 10. "BC" indicates number of backcrosses to recurrent parent. (Figure redrawn from Ramey, 1966.)

*4-1 = Stoneville 20/Acala 5675

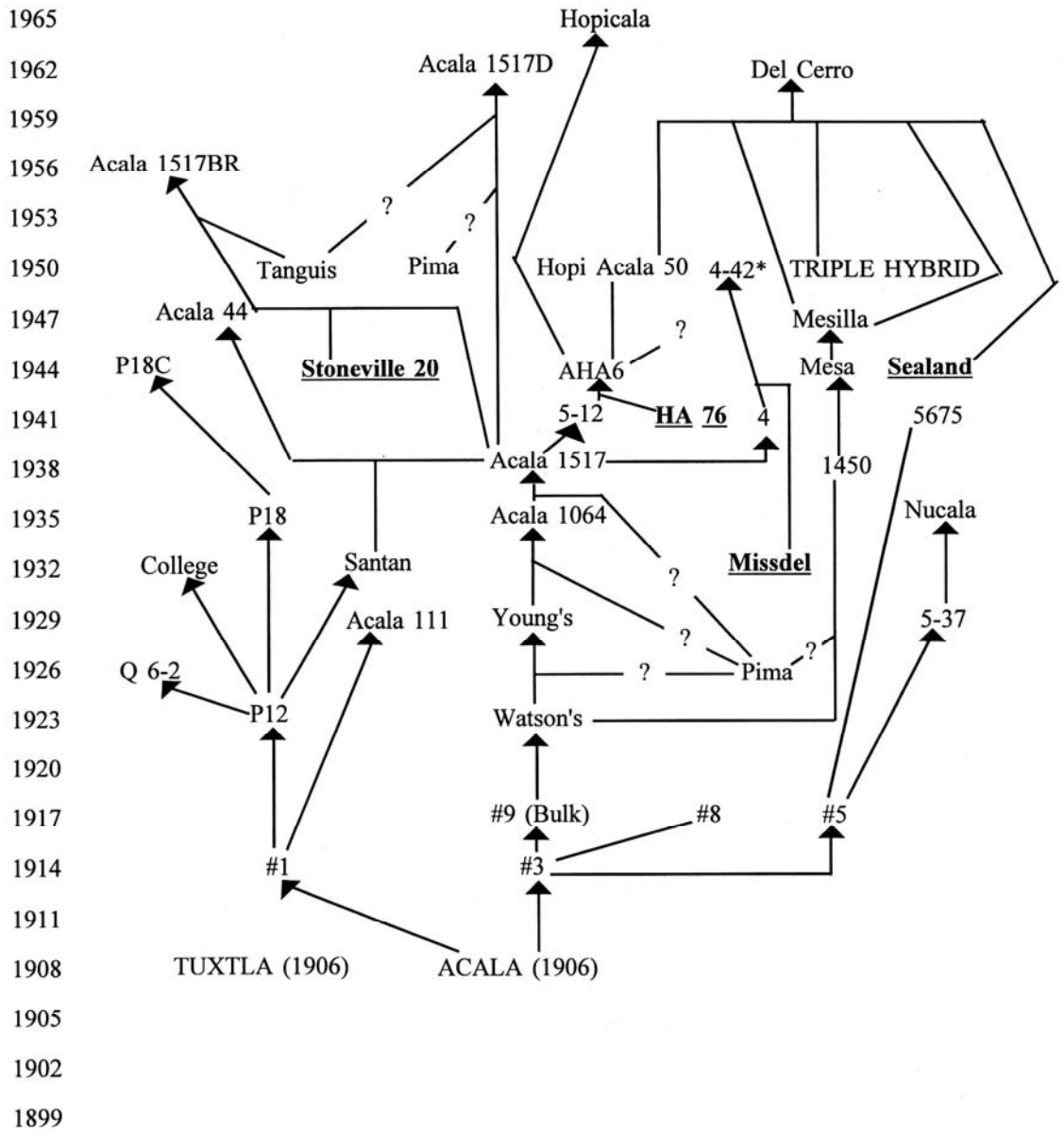



Figure 10. Development of Acala cottons. Introductions or new germplasm indicated by all uppercase letters; underline and bold face type indicate germplasm sources that appear in previous figure(s). Question mark (?) indicates possible outcross parent. (Figure redrawn from Ramey, 1966.)

*Acala 4-42

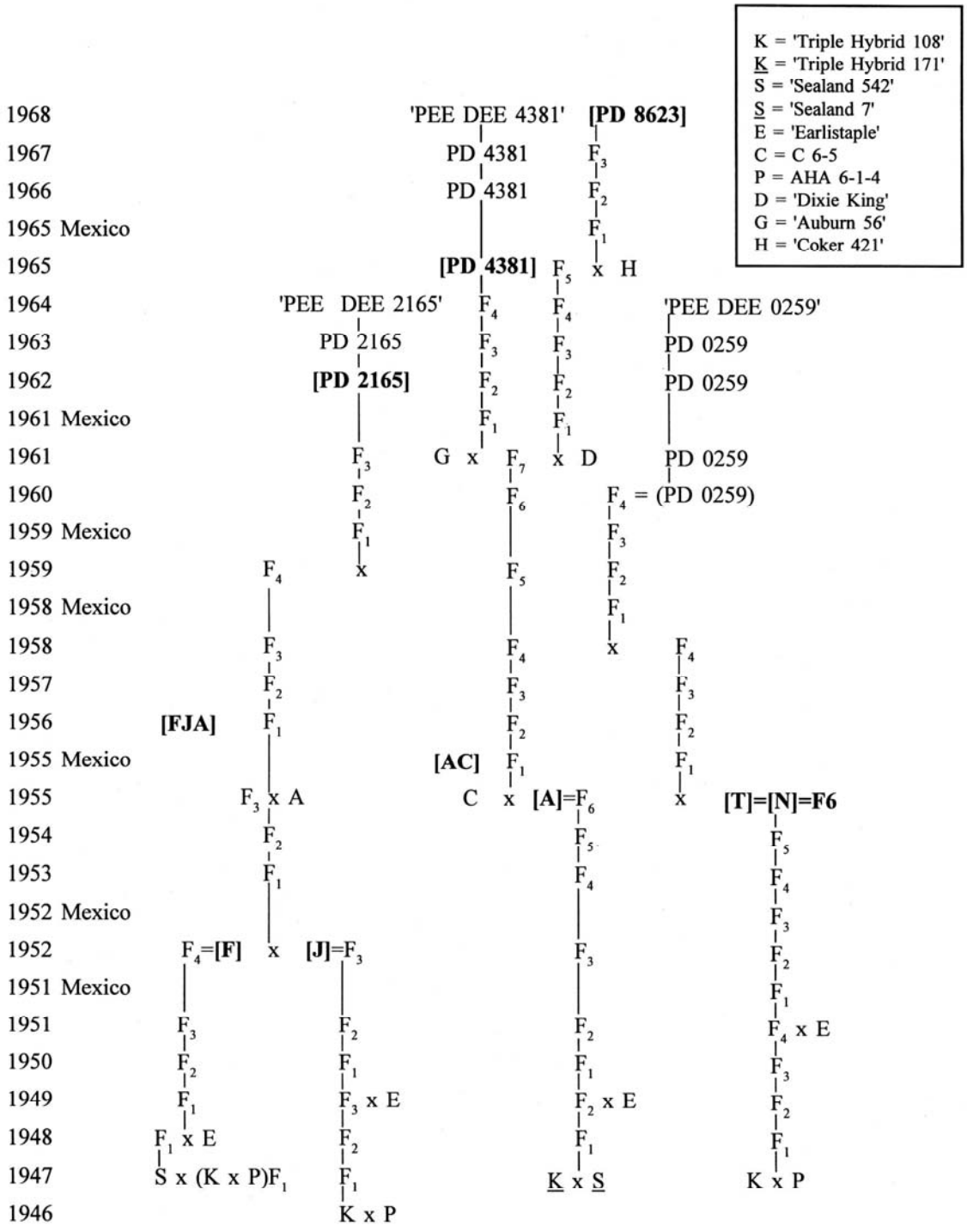



Figure 11. Development of PeeDee germplasm. Bold face letters in brackets indicate PD strains identified in preceding tables. (Figure adapted from Culp and Harrell, 1974.)

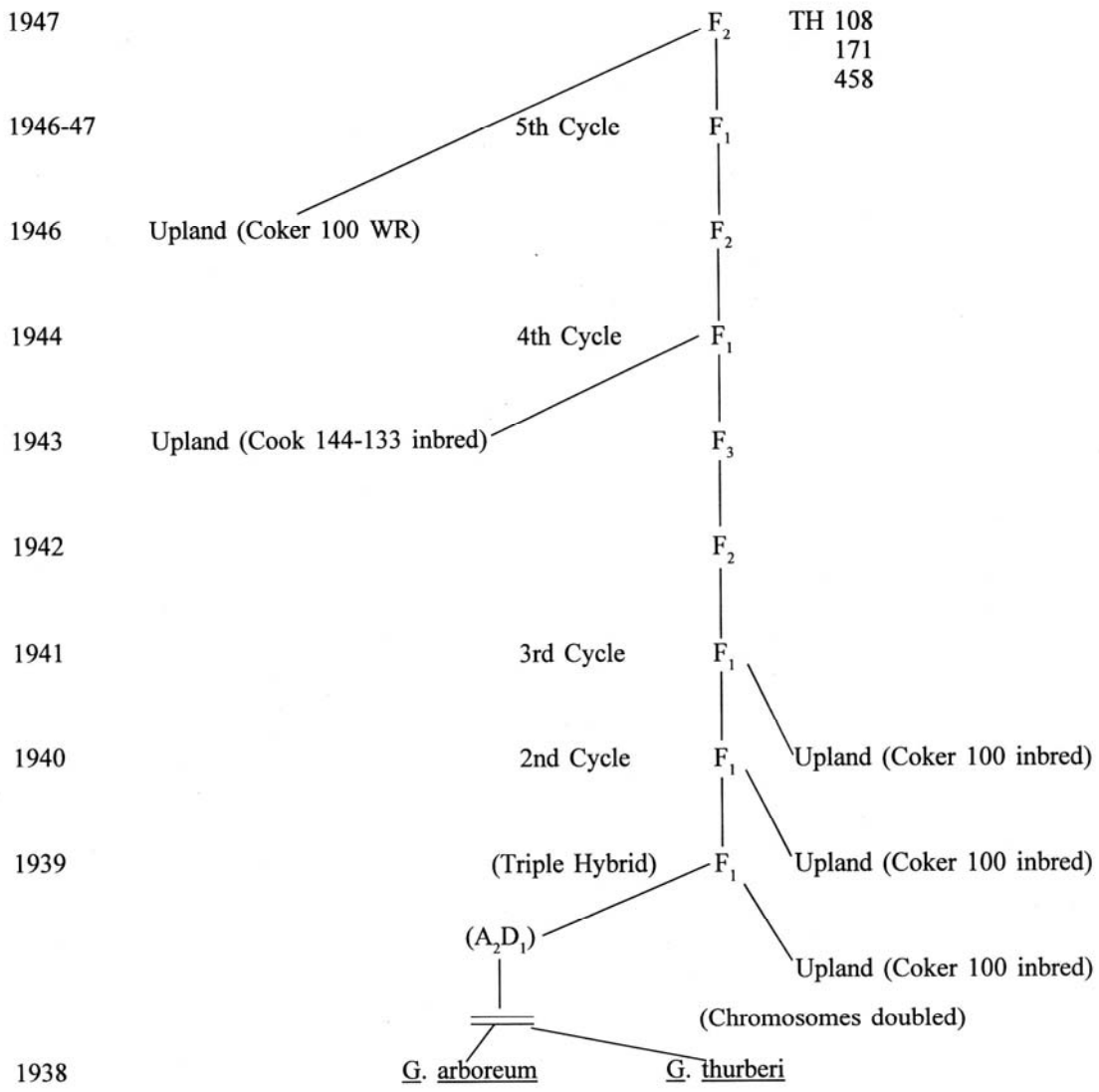



Figure 12. Development of triple hybrids 108, 171, and 458. (Figure adapted from an unpublished figure by Thomas Kerr about 1969.)

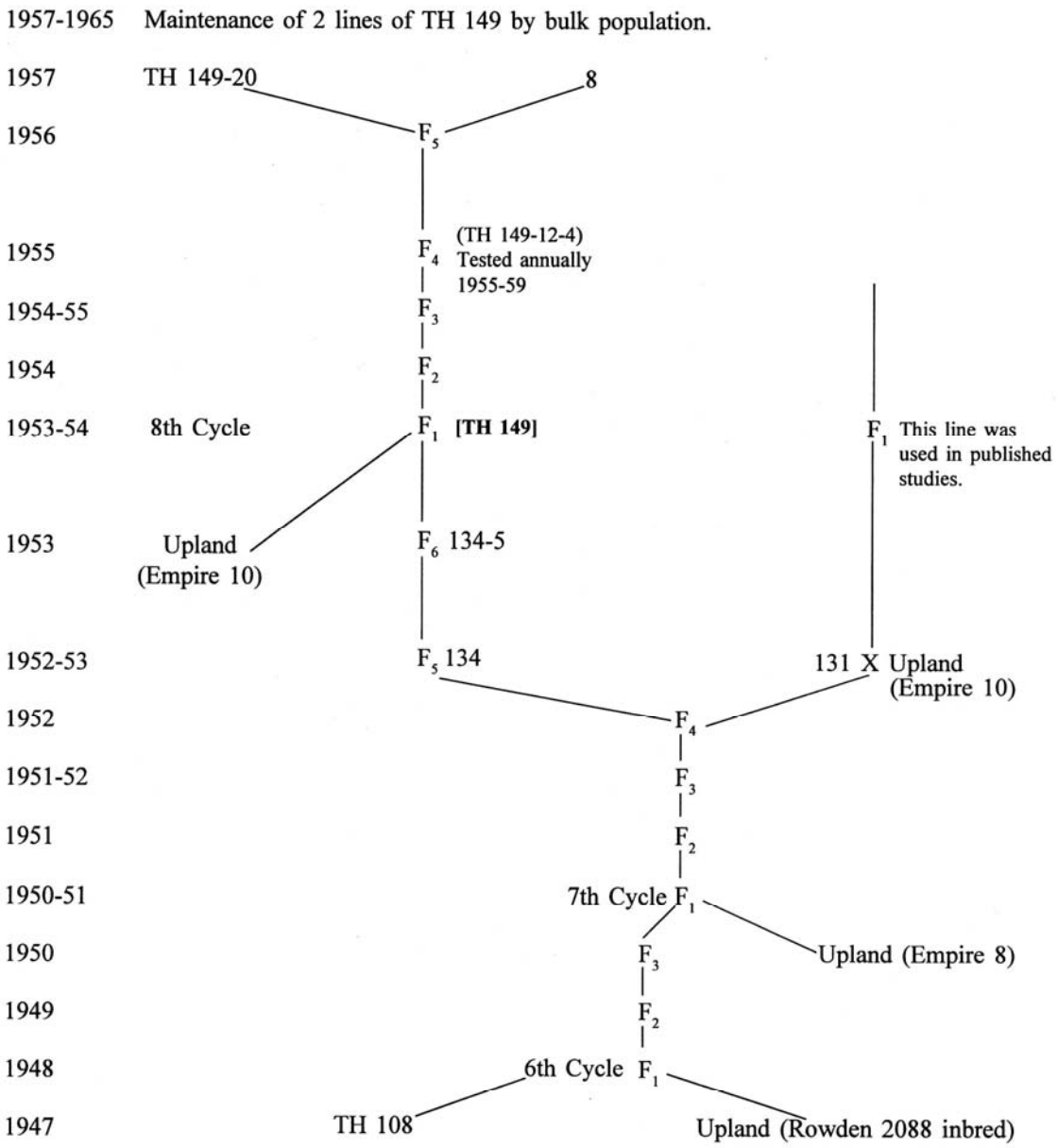



Figure 13. Development of Triple Hybrid 149 (Figure adapted from an unpublished figure by Thomas Kerr about 1969.)

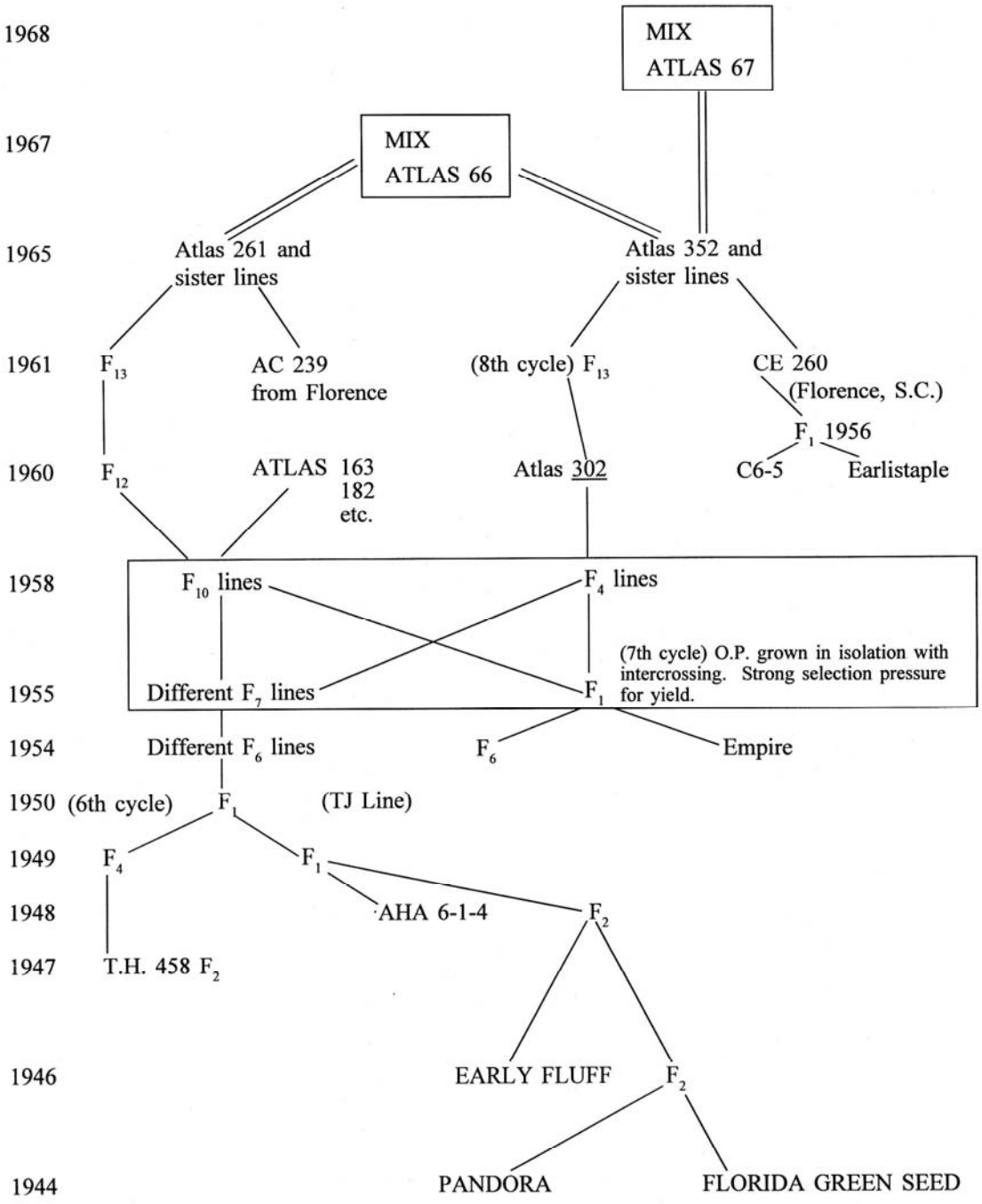



Figure 14. Development of Atlas lines. (Figure adapted from an unpublished figure by Thomas Kerr about 1969.)

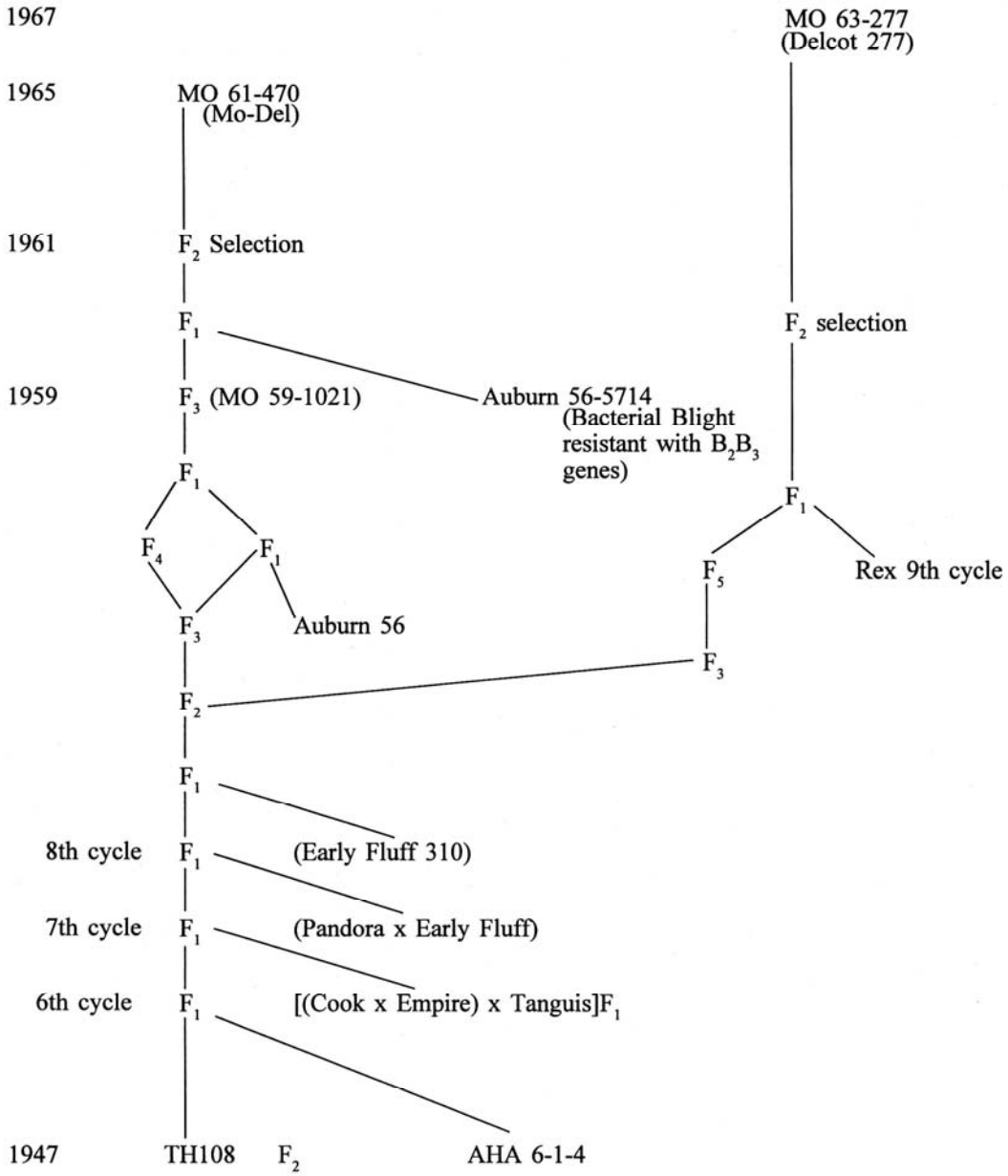



Figure 15. Development of Missouri lines and cultivars. (Figure adapted from an unpublished figure by Thomas Kerr about 1969.)

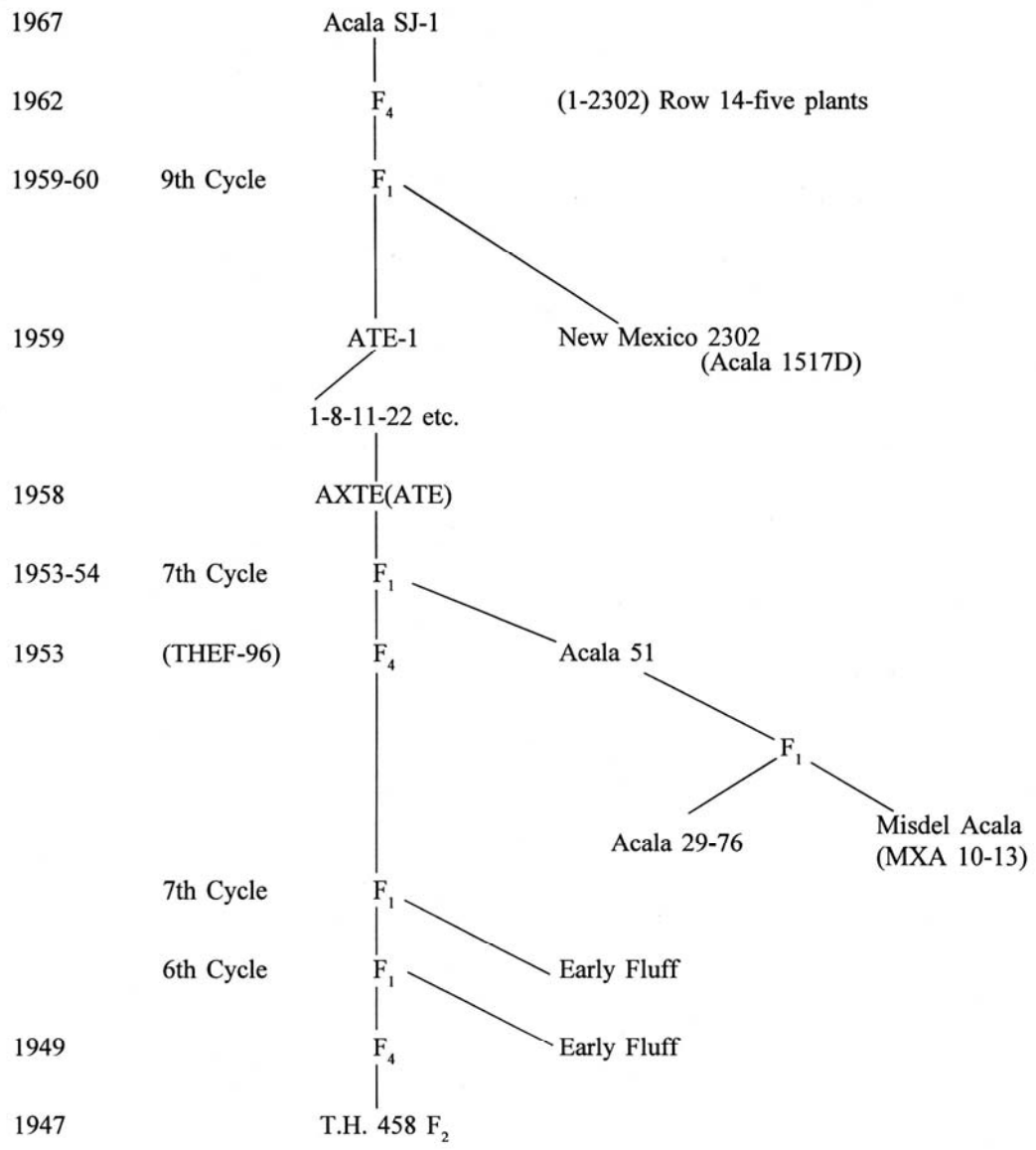
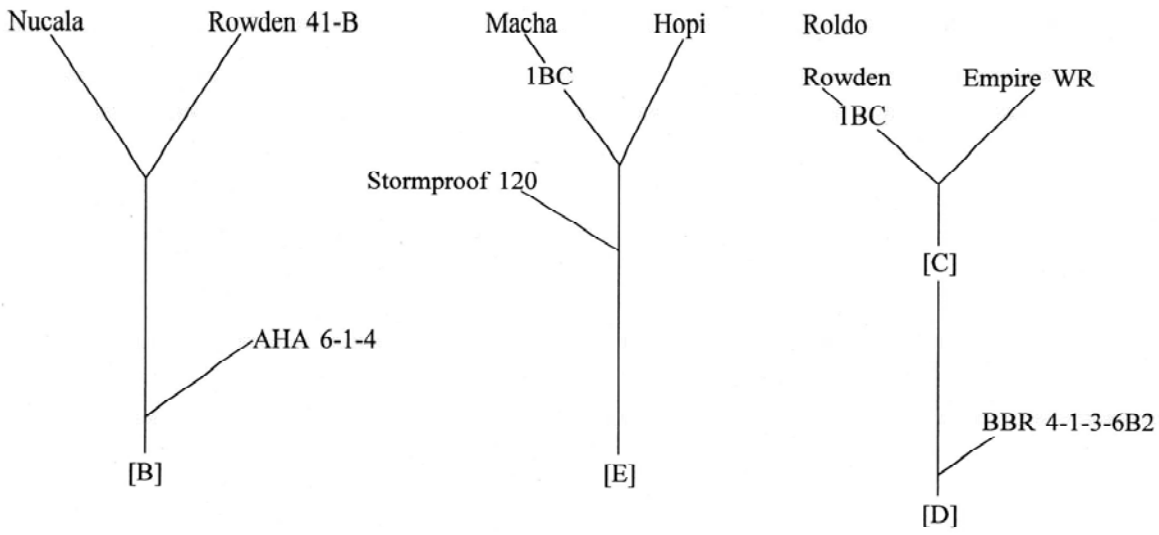



Figure 16. Development of Acala SJ-1. (Figure adapted from unpublished figure of Thomas Kerr about 1969.)




Quapaw and GSA71 = D/3/C//B/E/4/C//B/E
Stripper 31 = D (presumably)
Stripper 31A = D (presumably)

Figure 17. Development of 'Quapaw' (drawn from PVP #7200069, Exhibit A), 'GSA71' (drawn from PVP #7400089, Exhibit A), and 'Stripper 31' (based on incomplete pedigree in Metzer et al., 1984).

Mississippi State University

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