

PI 540302 to 540310-continued

PI 540308 **origin:** United States. **origin institute:** Texas Agr. Exp. Sta., Dept. of Soil and Crop Sci., Texas A&M University, College Station, Texas 77843. **cultivar:** TAM 86E-14. **pedigree:** Stoneville 213/ Texas Race Collection #1055/2/Empire glandless. **other id:** GP-476. **source:** Crop Sci. 30(6):1375 1990. **group:** CSR-COTTON. **remarks:** Plants tall, slightly pubescence. Maturity medium. Bolls medium to large. Elevated levels of condensed tannins in mature leaves. Perennial. Breeding Material. Seed.

PI 540309 **origin:** United States. **origin institute:** Texas Agr. Exp. Sta., Dept. of Soil and Crop Sci., Texas A&M University, College Station, Texas 77843. **cultivar:** TAM 86E-19. **pedigree:** Stoneville 213 / Texas Collection #1055. **other id:** GP-477. **source:** Crop Sci. 30(6):1375 1990. **group:** CSR-COTTON. **remarks:** Plants tall, semi-cluster fruiting habit. Sparce pubescence on leaves, stems densely pubescent. Maturity medium. Bolls large. Elevated levels of condensed tannins in mature leaves. Perennial. Breeding Material. Seed.

PI 540310 **origin:** United States. **origin institute:** Texas Agr. Exp. Sta., Dept. of Soil and Crop Sci., Texas A&M University, College Station, Texas 77843. **cultivar:** TAM 86E-20. **pedigree:** CS 8310 / Texas Race Collection #1119. **other id:** GP-478. **source:** Crop Sci. 30(6):1375 1990. **group:** CSR-COTTON. **remarks:** Plants tall, smooth to slight pubescence. Maturity medium. Stem red. Bolls large. Elevated levels of condensed tannins in mature leaves. Perennial. Breeding Material. Seed.

PI 540311 to 540312. Zea mays L. subsp. mays POACEAE Corn

Donated by: Goodman, M., North Carolina State University, Crop Science Department, Box 7620, Raleigh, North Carolina, United States. Received April 12, 1990.

PI 540311 **origin:** United States. **cultivar:** NC34. **pedigree:** Selfed out of Weekly Improved open-pollinated variety. **other id:** Raleigh Rows 2 to 11 (1989). **remarks:** Inbred derived through selfing and pedigree selection. Kernels and cob white, 170cm tall. Ear height 65cm in Raleigh. Poor seed producer, sheds pollen well. Male parent in single cross hybrid NC37 x NC34 that served as male parent of Dixie 17 Double Cross Hybrid. Spring Annual. Breeding Material. Seed.