

PI 561923 to 561925-continued

- PI 561923 **origin:** United States. **developed:** R.G. Percy, E.L. Turcotte. **origin institute:** Agricultural Research Service -- USDA, Maricopa Agricultural Center, Maricopa, Arizona 85239 United States. **cultivar:** 8327. **pedigree:** Individual plant selection within an F2 population created from a mass cross of shorter-statured, earlier maturing Pima experimental strains. A subsequent single plant selection was made in the F3 generation. **other id:** American Pima. **other id:** GP-508. **group:** CSR-COTTON. **restricted:** CSR. **remarks:** Short-statured. Maturity early. Plant height averages 70cm and matured 60% of its total yield 180 days after planting. Yields averaged 1218kg ha<sup>-1</sup> in small plot tests. Fiber properties average 31.2mm for 2.5% staple length, 49.3% for length uniformity, 287kN m kg<sup>-1</sup> for T1 strength, and 4.14 for micronaire. Tested as a parent for interspecific F1 hybrids and found to significantly reduce hybrid plant size and maturity time. Breeding Material. Seed.
- PI 561924 **origin:** United States. **developed:** R.G. Percy, E.L. Turcotte. **origin institute:** Agricultural Research Service -- USDA, Maricopa Agricultural Center, Maricopa, Arizona 85239 United States. **cultivar:** 84514. **pedigree:** Pima experimental strains 8004-95-5/7907-38-5-4. **other id:** American Pima. **other id:** GP-509. **group:** CSR-COTTON. **restricted:** CSR. **remarks:** Short-statured. Maturity early. Plant height averages 63cm and matured 73% of its total yield 180 days after planting. Yields averaged 998kg ha<sup>-1</sup> lint in small plot tests. Fiber properties average 28.9mm for 2.5% staple length, 50.5% for length uniformity, 288kN m kg<sup>-1</sup> for T1 strength, and 5.07 for micronaire. Tested as a parent for interspecific F1 hybrids and found to significantly reduce hybrid plant size and maturity time. Breeding Material. Seed.
- PI 561925 **origin:** United States. **developed:** R.G. Percy, E.L. Turcotte. **origin institute:** Agricultural Research Service -- USDA, Maricopa Agricultural Center, Maricopa, Arizona 85239 United States. **cultivar:** 84524. **pedigree:** Pima experimental strains 7804/b2067Ge. **other id:** American Pima. **other id:** GP-510. **group:** CSR-COTTON. **restricted:** CSR. **remarks:** Short-statured. Maturity early. Plant height averages 60cm and matured 75% of its total yield 180 days after planting. Yields averaged 643kg ha<sup>-1</sup> in small plot tests. Fiber properties average 27.4mm for 2.5% staple length, 45.1% for length uniformity, 235kN m kg<sup>-1</sup> for T1 strength, and 3.96 for micronaire. Tested as a parent for interspecific F1 hybrids and found to significantly reduce hybrid plant size and maturity time. Breeding Material. Seed.