

origin: United States. **developed:** W.W. Hanna, H.D. Wells. **origin institute:** Agricultural Research Service -- USDA, University of Georgia, Tifton, Georgia 31793 United States. **cultivar:** TIFT 89D2. **pedigree:** Tift 23DB/rust resistant plant in variety 'SeFa' from Senegal. **other id:** PL-19. **group:** CSR-MILLET, PEARL. **restricted:** CSR. **remarks:** Highly resistant to rust (*Puccinia substriata* var. *indica*). Resistance expressed as small flecks appearing about 8 days after infection and only a low percentage of flecks develop small sporulating pustules after 12 to 14 days. Resistance appears to be dominant and controlled by more than one locus. Plants flower 64 to 68 days after planting. Plants average 4.4 and 3.2 feet tall, planted June 13 and July 18, respectively. Seeds brownish-gray in color. Spring Annual. Cultivar. Seed.

PI 561620 to 561623. *Zea mays* L. subsp. *mays* POACEAE Corn

Donated by: Everett, L.A., IITA-NCRE Project, IRA Bambui Station, Bamenda, Cameroon. Received May 14, 1992.

PI 561620 **origin:** Cameroon. **developed:** L.A. Everett. **origin institute:** IITA-NCRE Project, IRA Bambui Station, Bamenda Cameroon. **cultivar:** ACID TOLERANT POPULATION (ATP). **pedigree:** Parents: ESAL QYF3, Q5VF1 (Brazil), CMS 36 SAFRI (CIMMYT/Brazil), HE1066, 1049 (Limagrain), Suwan 1 (Thailand) Across 7728 (CIMMYT), COCA (Cameroon), Shaba (Zaire), MSR (IITA). **other id:** IB91B-C8-904. **locality:** African tropical midaltitudes (1000-1500m altitude, 6 deg. N latitude). **remarks:** Yellow flint grained, late maturing tall tropical midaltitude (1000-1500m) open pollinated variety. Resistant to *Exserohilum turcicum* and ear rots. Moderately resistant to maize streak virus and *Puccinia sorghi*. Moderate lodging resistance. Selected on acid, phosphorus deficient soils at 1200-1400m altitude in Western Highlands of Cameroon. Spring Annual. Breeding Material. Seed.