

PI 576015 to 576026-continued

- PI 576016 **origin:** Mexico. **cultivar:** POPULATION 23 (IST) C2.
pedigree: Developed from Pop. 23 (Cycle 1). Improved for two cycles for tolerance to inbreeding depression using S3 recurrent selection, recombining 15-20 S3 lines selected from an original 200-300 S1 lines. **other id:** Blanco-Cristalino 1 (IST) C2. **remarks:** Tropical adaptation. Maturity intermediate. Grain type white flint. Plant height intermediate. Approx. 30% of material in population is downey mildew resistant material from Philippines. Improved for resistance to *Diatraea saccharalis* and to root and stalk lodging as well as for husk cover. Annual. Breeding Material. Seed.
- PI 576017 **origin:** Mexico. **cultivar:** POPULATION 24 (IST) C2.
pedigree: Developed from Pop. 24 (Cycle 1). Improved for two cycles for tolerance to inbreeding depression using S3 recurrent selection, recombining 15-20 S3 lines selected from an original 200-300 S1 lines. **other id:** Antigua-Veracruz 181 (IST) C2. **remarks:** Tropical adaptation. Maturity late. Grain type yellow dent. Mixture of Tuxpeno race collection Veracruz 181 and Antigua Group 2 germplasm. Improved for tolerance/resistance to fall army work (*Spodoptera frugiperda*). Annual. Breeding Material. Seed.
- PI 576018 **origin:** Mexico. **cultivar:** POPULATION 25 (IST) C2.
pedigree: Developed from Pop. 25 (Cycle 1). Improved for two cycles for tolerance to inbreeding depression using S3 recurrent selection, recombining 15-20 S3 lines selected from an original 200-300 S1 lines. **other id:** Blanco-Cristalino 3 (IST) C2. **remarks:** Tropical adaptation. Maturity intermediate to late. Grain type white flint. Improved for better husk cover and resistance to ear and stalk rot (*Fusarium moniliforme*) and to root and stalk lodging. Annual. Breeding Material. Seed.
- PI 576019 **origin:** Mexico. **cultivar:** POPULATION 29 (IST) C2.
pedigree: Developed from Pop. 29 (Cycle 1). Improved for two cycles for tolerance to inbreeding depression using S3 recurrent selection, recombining 15-20 S3 lines selected from an original 200-300 S1 lines. **other id:** Tuxpeno Caribe (IST) C2. **remarks:** Tropical adaptation. Maturity late. Grain type white dent. Broad genetic base, including Tuxpeno and Cuban flint germplasm. Improved for reduced plant height, stalk and root lodging and husk cover. Annual. Breeding Material. Seed.