

PI 547100 to 547103. *Zea mays* L. subsp. *mays* POACEAE Corn

Donated by: CIMMYT, Apdo. Postal 6-641, 06600, Mexico, D.F., Mexico.
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- PI 547100 **origin:** Mexico. **cultivar:** MEZCLA AMARILLA. **pedigree:** Mixture of Tuxpeno, Cuban flints, Antigua yellow ETO, Corn Belt/Tuxpeno crosses, plus germplasm from the Caribbean, South America, Surinam and India. **other id:** Population 26. **remarks:** Yellow, semi-flint adapted to lowland tropical environments. Maturity intermediate. Resistant to *Helminthosporium maydis*, *Puccinia polysora*, and ear rot (*Fusarium moniliforme*). Intermediate resistance to *Phyllacora maydis*/*Monographella maydis*. Average mid-silk 54 days. Plant and ear heights 201 and 94cm, respectively. Spring Annual. Breeding Material. Seed.
- PI 547101 **origin:** Mexico. **cultivar:** TUXPENO CARIBE. **pedigree:** Mixture of Tuxpeno, Cuban flints, and ETO. **other id:** Population 29. **remarks:** White, dent, adapted to lowland tropical environments. Maturity late. Resistant to *Helminthosporium maydis* and *Puccinia polysora*. Based on multi-location trials, average mid-silk 56 days, plant and ear heights 201 and 103cm, respectively and stalk and root lodging levels 5% and 20%, respectively. Spring Annual. Breeding Material. Seed.
- PI 547102 **origin:** Mexico. **cultivar:** BLANCO SUBTROPICAL. **pedigree:** Mixture of Cuban flints, ETO, Tuxpeno, Corn Belt dents and germplasm from India and Nepal. **other id:** Population 34. **remarks:** White, semi-flint adapted to mid-altitude tropical and subtropical environments. Maturity late. Resistant to *Exserohilum turcicum* and *Puccinia sorghi*. Based on multi-location trials, average plant and ear heights 192 and 89cm, respectively, and root and stalk lodging 9% and 4%, respectively. Spring Annual. Breeding Material. Seed.
- PI 547103 **origin:** Mexico. **cultivar:** AED TUXPENO. **pedigree:** American Early Dent (from Egypt)/Tuxpeno Crema I. **other id:** Population 44. **remarks:** White, dent, adapted to tropical and subtropical environments. Maturity late. Very resistant to *Exserohilum turcicum* and *Puccinia sorghi*. Based on multi-location trials, average mid-silk 62 days, plant and ear heights 220 and 112cm, respectively, 12% of ears had symptoms of various ear rot organisms, root and stalk lodging were 6% and 3%, respectively. Spring Annual. Breeding Material. Seed.