

PI 531231-continued

**donor id:** GPP4BR(H)C5. **origin:** United States. **pedigree:** Cross-pollinating 12 experimental male-sterile maintainer (B line, Al cytoplasm system) families and 28 male-fertile restorer families onto male sterile GP1R. **other id:** GP-234. **group:** CSR-SORGHUM. **remarks:** Population with acid soil tolerance. Plants highly variable for many plant and seed characteristics. Adapted to tropical and subtropical environments and acidic soils with Al saturations of 50% or less. **disease resistance:** Anthracnose races prevalent in Puerto Rico. Annual. Breeding Material. Seed.

PI 531232. Zea mays L. POACEAE Corn

**Donated by:** Coors, J.G.; Mardons, M.C., Dept. of Agronomy, University of Wisconsin, Madison, Wisconsin, United States. **remarks:** Approved as a germplasm source for prolificacy, December 8, 1987. Received April 10, 1989.

\* Zea mays L. subsp. mays POACEAE Corn  
**origin:** United States. **cultivar:** WGG(MP) C15. **pedigree:** 15 cycles of bi-parental mass selection for prolificacy in 'Golden Glow'. **other id:** GP-197. **source:** Crop Sci. 29(6):1579 1989. **group:** CSR-MAIZE. **locality:** Guadalajara. **remarks:** Population source of prolificacy. Maturity AES 300. Plant height and ear height reduced, flowering earlier, moisture content decreased. Annual. Breeding Material. Seed.

PI 531233 to 531234. Zea mays L. POACEAE Corn

**Donated by:** Coors, J.G.; Mardons, M.C., Dept. of Agronomy, University of Wisconsin, Madison, Wisconsin, United States. **remarks:** Developed under the direction of the late J.H. Lonngquist and J.G. Coors. Released by the Agr. Exp. Station, Univ. of Wisconsin, December 8, 1987. Received April 10, 1989.

\* PI 531233 Zea mays L. subsp. mays POACEAE Corn  
**origin:** United States. **cultivar:** W3L Comp-HS C4. **pedigree:** Selection from the fourth cycle of half-sib (HS) and selfed (S1) progenies of A635, W182E and W64A. **other id:** GP-198. **source:** Crop Sci. 29(6):1579 1989. **group:** CSR-MAIZE. **locality:** Guadalajara. **remarks:** Narrow-based composite population selected for increased grain yield and reduced grain moisture. Maturity AES 400. Grain yield increased by 3.5% and grain moisture decreased by 1.5% from first to fourth cycle. Pooled estimates of broad-sense heritabilities 0.34 for grain yield and 0.68 for grain moisture. Annual. Breeding Material. Seed.