

PI 550508 to 550524-continued

- PI 550511 **origin:** United States. **origin institute:** Tennessee Agr. Exp. Sta., University of Tennessee, Knoxville, Tennessee 37916. **cultivar:** TSR-C4. **pedigree:** Synthetic developed from KY39, 33-16, R7, 893.H(W), E198, T109(M14.051), CI.28B, T432, A242, A302, Mo2778B, and 0-670. **other id:** GP-103. **source:** Crop Sci. 22(3):694 1982. **group:** CSR-MAIZE. **remarks:** Root and stalk quality fair. Grain quality good. Kernels white and yellow. Maturity AES1000. Resistant to common or boil smut (*Ustilago zeae*). Annual. Breeding Material. Seed.
- PI 550512 **origin:** United States. **origin institute:** Tennessee Agr. Exp. Sta., University of Tennessee, Knoxville, Tennessee 37916. **cultivar:** TJeMY-14. **pedigree:** Developed from Jellicorse after 14 generations of mass selection for yield. **other id:** GP-104. **source:** Crop Sci. 22(3):694 1982. **group:** CSR-MAIZE. **remarks:** More, smaller ears per plant, more nubbin ears, and higher ear placement than Jellicorse. Maturity is AES1000. Annual. Breeding Material. Seed.
- PI 550513 **origin:** United States. **origin institute:** Tennessee Agr. Exp. Sta., University of Tennessee, Knoxville, Tennessee 37916. **cultivar:** TJeMP-5. **pedigree:** Developed from Jellicorse after 9 generations of mass selection for yield and 5 generations for ear prolificacy. **other id:** GP-105. **source:** Crop Sci. 22(3):694 1982. **group:** CSR-MAIZE. **remarks:** Grain yield, ear height, and ear prolificacy greater than Jellicorse. Maturity is AES1000. Annual. Breeding Material. Seed.
- PI 550514 **origin:** United States. **origin institute:** Tennessee Agr. Exp. Sta., University of Tennessee, Knoxville, Tennessee 37916. **cultivar:** T61. **pedigree:** Developed from Neal Paymaster. **other id:** GP-106. **source:** Crop Sci. 22(3):696 1982. **group:** CSR-MAIZE. **remarks:** Plant and ear height medium. Stalk fair. Root system poor. Ears medium-size, tapered. Kernels white on red cob. Pollen production good. Highly prolific and yield good. Maturity is AES1000. Good resistance to virus disease complex (maize dwarf mosaic virus and maize chlorotic dwarf virus). Annual. Breeding Material. Seed.