

PI 531509 to 531511-continued

- * PI 531511 Zea mays L. subsp. mays POACEAE Corn
origin: United States. **cultivar:** R227. **pedigree:** Selection from RSSSC followed by early testing for grain yield and testcrosses with tester B37 and selfed for 7 generations using ear to row selection for multiple leaf disease resistance. **other id:** PL-129. **source:** Crop Sci. 29(6):1586 1989. **group:** CSR-MAIZE. **other id:** RSC-110. **remarks:** Inbred for improving leaf disease resistance of commercial inbreds. Plants tall, vigorous, producing 1.9 ears per plant. Maturity group AES 900. Days from planting to mid-pollen shed 77. Kernels yellow, dent-type with hard texture endosperm. Cobs red with 16-18 rows. Yield 3.6 metric tons per hectare. **disease resistance:** Moderate to Northern corn leaf blight (*Exserohilum turcicum*). Southern corn leaf blight (*Bipolaris maydis*). Anthracnose leaf blight (*Colletotricum graminicola*). Annual. Breeding Material. Seed.

PI 531512. Zea mays L. POACEAE Corn

Donated by: Lambert, R.J., Department of Agronomy, University of Illinois, 1102 South Goodwin Ave., Urbana, Illinois, United States. **remarks:** Developed and released by the Illinois Agricultural Experiment Station in March 1986. Received May 3, 1989.

- * Zea mays L. subsp. mays POACEAE Corn
origin: United States. **cultivar:** RBS10 (S1+HS) C3. **pedigree:** Synthetic developed from BS10FSC4, a progeny of 10 two-eared lines and BS10C4 synthetic selected for grain yield followed by full-sib reciprocal recurrent selection with BS11. **other id:** GP-200. **source:** Crop Sci. 29(6):1580 1989. **group:** CSR-MAIZE. **locality:** Guadalajara. **remarks:** Synthetic with reduced stalk lodging and resistance to leaf diseases for use in breeding programs. Maturity Group AES 800. Reduced stalk lodging. Yield 9.4 metric tons per hectare. **disease resistance:** Moderate to Northern corn leaf blight (*Exserohilum turcicum*). Southern corn leaf blight (*Bipolaris maydis*). Anthracnose leaf blight (*Colletotricum graminicola*). Annual. Breeding Material. Seed.

PI 531513 to 531518. Zea mays L. POACEAE Corn

Donated by: Poneleit, C.G.; Evans, K.O.; Green, R.C., Department of Agronomy, University of Kentucky, Lexington, Kentucky, United States. **remarks:** Released by the Kentucky Agricultural Experiment Station in 1989. Received May 3, 1989.