

PI 509044-continued

**origin:** United States. **cultivar:** Pella 86. **pedigree:** Pella\*5/Williams 82. **other id:** CV-206. **group:** CSR-SOYBEAN. **remarks:** Agronomic traits similar to Pella. Maturity Group III. Flowers purple, tawny pubescence. Pods tan at maturity. Seeds dull yellow with black hila. Moderately susceptible to iron deficiency chlorosis on calcareous soil. Moderately susceptible to purple stain & downy mildew. **disease resistance:** Some races of Phytophthora rot (*P.megasperma* f.sp. *glycinea*). Race 2 of frog-eye leaf spot. Cultivar. Seed.

PI 509045 to 509046. *Zea mays* L. POACEAE Sweet corn

**Donated by:** West, D.R., Department of Plant and Soil Science, University of Tennessee, Knoxville, Tennessee, United States. Received May 15, 1987.

PI 509045 **donor id:** T62S. **origin:** United States. **other id:** GP-157. **group:** CSR-MAIZE. **remarks:** Plants vigorous. Brace roots green. Leaves 5, short, upright. Tassel with 18-22 branches. Anthers yellow. Ears short, 12 rows of small, shallow yellow kernels. Cobs white. Poor sweet corn quality factors. **disease resistance:** High tolerance to MDMV-A and MCDV viruses. **insect resistance:** Some to Corn ear worm. Breeding Material. Seed.

PI 509046 **donor id:** T64S. **origin:** United States. **other id:** GP-158. **group:** CSR-MAIZE. **remarks:** Plants vigorous. Brace roots green. Leaves 5, broad, drooping above ear node. Tassel open. 11-14 branches with yellow anthers. Ears large, with 10 rows of large yellow kernels. Cobs white. Poor sweet corn quality factors. **disease resistance:** Intermediate tolerance to MDMV-A and MCDV viruses. **insect resistance:** Some to Corn ear worm. Breeding Material. Seed.

PI 509047 to 509049. *Dactylis glomerata* L. POACEAE Orchardgrass

**Donated by:** Shenk, J.S., Department of Agronomy, Pennsylvania State University, University Park, Pennsylvania, United States. Received May 15, 1987.

PI 509047 **donor id:** Pennorchard A. **origin:** United States. **other id:** GP-52. **group:** CSR-ORCHARDGRASS. **remarks:** Good yield and quality. **disease resistance:** Tolerance to purple leaf spot, rust, and powdery mildew. Breeding Material. Seed.