

with maize chlorotic mottle virus. Resistance to maize dwarf mosaic virus race B. 3 to 5 tassel branches. Ears 12 to 14 kernel rows, kernels yellow, and cob red. Plant health good, excellent stay-green characteristics late in season. Requires approx. 1410 heat units to pollen shed.

The following were donated by Shawn Kaeppler, University of Wisconsin, College of Agriculture, Agronomy Department, Madison, Wisconsin 53706, United States. Received 12/27/1996.

PI 596355. *Zea mays* L. ssp. *mays*

Breeding. Inbred. N216. Developed in United States. Pedigree - Self-pollination directly from NB(S)RF1(6). Prolific S6 line. Height avg. 195 cm. Ears 14 to 18 kernel rows, kernels yellow, cob red, and silks colorless. Selected based on yield in hybrid combination and resistance to stalk and root lodging.

The following were developed by W. A. Compton, University of Nebraska, Department of Agronomy, Crop, Range, Soil, and Weed Sciences, Lincoln, Nebraska 68583, United States; Stan G. Jensen, USDA, ARS, University of Nebraska, 406-M Plant Sci. Bldg., Lincoln, Nebraska 68583-0937, United States; M. Thomas-Compton, University of Nebraska, 308 Keim Hall, Lincoln, Nebraska 68583-0915, United States; B., Jr. Doupnik, University of Nebraska, Dept. of Plant Pathology, South Central Research and Ext. Ctr., Clay Center, Nebraska 68933-0066, United States; Shawn Kaeppler, University of Wisconsin, College of Agriculture, Agronomy Department, Madison, Wisconsin 53706, United States; D. D. Galusha, University of Nebraska, Department of Agronomy, Lincoln, Nebraska 68583-0915, United States. Donated by Shawn Kaeppler, University of Wisconsin, College of Agriculture, Agronomy Department, Madison, Wisconsin 53706, United States. Received 12/27/1996.

PI 596356. *Zea mays* L. ssp. *mays*

Breeding. Inbred. N217. PL-289. Pedigree - Derived directly by selfing component family 077-3 from cycle 1 of NCLNB. S5 line. Height avg. 180 cm. Selection based on yield in hybrid combination and corn lethal necrosis symptom development. Excellent resistance to maize dwarf mosaic virus race B and some resistance to maize chlorotic mottle virus. Ears 12 to 14 kernel rows, kernels yellow, cobs pink, silks colorless, and anthers green.

PI 596357. *Zea mays* L. ssp. *mays*

Breeding. Inbred. N218. PL-290. Pedigree - Derived by self-pollinating family 172-2, a component of NCLNB cycle 1. S5 line. Height avg. 170 cm. Selected based on yield in hybrid combination and corn lethal necrosis symptom development. Good resistance to maize dwarf mosaic virus race B and some resistance to maize chlorotic mottle virus. Ears 12 to 14 kernel rows, kernels yellow, and cobs red.

The following were donated by John D. Miller, USDA, ARS, Coastal Plain Experiment Station, Agronomy Dept., Tifton, Georgia 31793, United States; Homer D. Wells, USDA, ARS, Coastal Plain Experiment Station, Plant Pathology Dept., Tifton, Georgia 31793, United States. Received 1982.