

not heavily awned. Susceptible to stem rot and aggregate sheath spot. Reaction to diseases not prevalent in California is unknown.

PI 592739. *Oryza sativa* L.

Cultivar. Pureline. "L-204"; 92-Y-093; NSGC 6110. CV-105; PVP 9700052. Pedigree - Lemont//Tainung-sen-yu 2414/L-201. Early maturing long-grain rice. Photoperiod non-sensitive. Heads an average of 2 and 5 days earlier than L-203 and L-202, respectively. Seedling vigor similar to L-203 and slightly better than L-202. Plants awnless with glabrous leaves and hulls and about 1-2 inches taller than L-202 and L-203 when headed. Lodging resistance similar to L-202 and L-203. Yield more than 3% and 5% higher than L-202 and L-203, respectively. Apparent amylose content about 2% less than L-202 and L-203, and similar to traditional Southern U.S. rice varieties. Intermediate alkali spreading value.

PI 592740. *Oryza sativa* L.

Cultivar. Pureline. "A-201"; 91-Y-631; NSGC 6111. CV-106; PVP 9700051. Pedigree - L-202/PI 457920//L-202. Semidwarf aromatic long-grain rice. Photoperiod non-sensitive. Kernal brown, pericarp light brown. Heads about same time as L-202 and averages 8 days earlier than A-301. Plants awnless with glabrous leaves and hulls. Plant height about 2-3 inches taller than A-301 when headed. More likely to become very leafy under excessive nitrogen fertilization. Poor milling yield like A-301. Reaction to stem rot and aggregate sheath spot diseases similar to A-301. Intermediate alkali spreading value, and apparent amylose content 2-3% higher than A-301.

The following were developed by Blaine E. Johnson, University of Nebraska, Department of Agronomy, 326 Keim Hall, Lincoln, Nebraska 68583-0915, United States; Ricardo Preciado-Ortiz, Campo Experimental Bajio, Km. 65, Carr. Celaya-Sn. Miguel, Apdo. Post. 110, Celaya, Guanajuato, Mexico; Donald Hall, University of Nebraska, Dept. of Agronomy, Lincoln, Nebraska 68583-0915, United States. Received 02/28/1996.

PI 592741. *Zea mays* L. ssp. *mays*

Genetic. Inbred. 93Nex307; N801w; 95LN53005. PL-180. Pedigree - Selfed from a population of 50% BSS13, with the other 50% of equal contributions of the CIMMYT populations PR7822, AC7642, Eto Sel Espy Foll, Braquitico, Bco Cristalino, PPMG, V401, and Bco Dentado 2. Evaluated as a line per se at Lincoln, Nebraska. Approximately 67 days from planting to initiation of pollen shed. Silk emergence begins approximately two days after pollen shed begins. Plants approximately 157cm in height with ears 76cm. Ears slightly tapered and contain twelve rows of kernals with no dent, but hard, white vitreous endosperm.

The following were developed by R.S. Albrechtsen, Utah Agr. Exp. Sta., Utah State University, Dept. of Plant Science, Logan, Utah 84322-4820, United States; W. Dewey, Utah State University, Dept. of Plants, Soils, and Biometeorology, Logan, Utah 4820, United States; S.M. Clawson, Utah State University, Dept. of Plants, Soils, and Biometeorology, Logan, Utah 84322-4820, United States; Gus Koerner, Utah State University, Plant Science Dept., Logan, Utah 84322-4820, United States; Bruce Bugbee, Utah State University, Logan, Utah 84322-4820, United States. Received 03/14/1996.