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**PI 593240. *Triticum aestivum* L., nom. cons.**

Breeding. Pureline. OK91P648. GP-505. Pedigree - 2555 sib/Vona//2180. Tolerance to aluminum-toxic, acidic soils in a genetic background with outstanding grain yield potential. In solution culture, seedlings show a similar hematoxylin stain pattern as Atlas 66, and in the field under low pH (<4.5), tolerance ratings are excellent. Adult-plant resistance to leaf rust (*Puccinia recondita*) and segregates for resistance to wheat soil-borne mosaic virus. Plants semi-dwarf and winterhardy in the southern Great Plains. Kernel hardness lower than acceptable limits for hard red winter wheat.

The following were developed by Farman Jodari, Louisiana State University, Rice Research Station, P.O. Box 1429, Crowley, Louisiana 70527, United States ; Don Groth, Rice Research Station, Louisiana State University, Agric. Exp. Station, P.O. Box 1429, Crowley, Louisiana 70429-1429, United States; Steve D. Linscombe, Rice Research Station, Louisiana Agricultural Experimental Sta., P.O. Box 1429, Crowley, Louisiana 70527, United States; P.K. Bollich, Rice Research Station, P.O. Box 1429, Crowley, Louisiana 70527-1429, United States; L.M. White, Rice Research Station, P.O. Box 1429, Crowley, Louisiana 70527-1429, United States; R.T. Dunand, Rice Research Station, P.O. Box 1429, Crowley, Louisiana 70527-1429, United States; Karen Bett, USDA, ARS, Southern Regional Research Center, P.O. Box 19687, New Orleans, Louisiana 70179, United States. Received 02/15/1996.

**PI 593241. *Oryza sativa* L.**

Cultivar. Pureline. "DELLROSE". CV-100. Pedigree - Lemont / Della. Long-grain, aromatic, early maturing and semidwarf with high first crop, second crop, and head rice yield potentials. Average days from seeding to 50% heading 89, and average plant height 98cm. Grain yield average 6858 kg ha<sup>-1</sup>. Average head rice yield 623 g kg<sup>-1</sup>. Concentrations of primary rice aroma compound (2-Acetyl-1-pyrroline) average 988 ng g<sup>-1</sup> (1095 ng g<sup>-1</sup> for Della). Susceptible to sheath blight (*Rhizoctonia solani*). Moderately susceptible to blast (*Pyricularia grisea*). Leaves, lemma, and palea glabrous. Spikelet straw colored and awnless.

The following were developed by Larry R. Teuber, University of California, Department of Agronomy & Range Science, Davis, California 95616-8515, United States; W.L. Green, University of California, Agronomy and Range Science, Davis, California 95616-8515, United States. Received 01/29/1996.

**PI 593242. *Medicago sativa* L. ssp. *sativa***

Breeding. Population. UCRD-C(L)2; UC-1160. GP-306. Pedigree - UCRD-C(L)2