

University Agric. Res. & Ext. Ctr., Route 7, Box 999, Beaumont, Texas 77713, United States; W.D. Worrall, Texas A&M University Agric. Res. & Ext. Ctr., P.O. Box 1658, Vernon, Texas 76385, United States; David S. Marshall, Texas A&M University, Research & Extension Center, 17360 Coit Road, Dallas, Texas 75252-6599, United States; Lloyd R. Nelson, Texas Agricultural Experiment Station, The Texas A&M University System, Agricultural Research and Extension Center, Overton, Texas 75684-0290, United States; Russell L. Sutton, Texas A&M University, Texas A&M University Res. & Ext. Center, 17360 Coit Road, Dallas, Texas 75252, United States. Received 03/03/1997.

PI 596631. *Avena sativa* L.

Cultivar. Pureline. "DALLAS"; TX89D7213. CV-346; PVP 9700244. Pedigree - Coker 84-27/H422//H833. Winter hardy, adapted to all winter oat growing regions of U.S. Resistant to ice nucleation-active bacterium *Pseudomonas syringae*. Moderate resistance to barley yellow dwarf virus and subsequent tolerance to freezing at -12 degrees C. Good or better freeze tolerance than Coker 716, Norline, and Walken. Juvenile growth habit semi-prostrate to erect. Mature stem diameter medium and yellow. Leaves semi-erect, blue-green, and slightly ciliate margins. Ligules present. Panicle shape equilateral and size medium.

The following were developed by Timothy D. Phillips, University of Kentucky, Department of Agronomy, Agricultural Science Building-North, Lexington, Kentucky 40546-0091, United States; Georgia Eizenga, USDA-ARS, Rice Research Station, P.O. Box 287, Stuttgart, Arkansas 72160, United States. Received 03/11/1997.

PI 596632. *Festuca arundinacea* Schreb.

Genetic. K1-50. GS-1. Pedigree - Selected from somaclones derived from Kenwell. Monosomic, self-fertile and pollen stainability 34.9%, which indicates dehiscent anthers and male fertility. Unique profile of banding patterns for 46 probe-enzyme combinations.

PI 596633. *Festuca arundinacea* Schreb.

Genetic. K2-6. GS-2. Pedigree - Selected from somaclones derived from Kenwell. Monosomic, self-fertile and pollen stainability 50.9%, which indicates dehiscent anthers and male fertility. Unique profile of banding patterns for 46 probe-enzyme combinations.

PI 596634. *Festuca arundinacea* Schreb.

Genetic. K2-10. GS-3. Pedigree - Selected from somaclones derived from Kenwell. Monosomic, self-fertile and pollen stainability 42.8%, which indicates dehiscent anthers and male fertility. Unique profile of banding patterns for 46 probe-enzyme combinations.

PI 596635. *Festuca arundinacea* Schreb.

Genetic. K2-12. GS-4. Pedigree - Selected from somaclones derived from Kenwell. Monosomic, self-fertile and pollen stainability 86.8%, which indicates dehiscent anthers and male fertility. Same profile of banding patterns for 46 probe-enzyme combinations as K2-15 and K2-16.

PI 596636. *Festuca arundinacea* Schreb.

Genetic. K2-15. GS-5. Pedigree - Selected from somaclones derived from Kenwell. Monosomic, self-fertile and pollen stainability 90.0%, which