well, maintaining good density and color. This cultivar also has improved seed yield production as a result of higher reproductive tiller formation.

Aurora is recommended for turf use and reclamation, including low maintenance areas where not much mowing is done. Aurora can be used in shade or full sun where hard fescues are adapted in the Northeast, Upper North Central, and Pacific Northwest regions of the USA.

Breeder seed of Aurora is produced by Pure-Seed Testing, Inc. Propagation is limited to two generations of increase from breeder seed, one generation each of foundation and certified. United States Plant Variety Protection Certificate no. 860070 has been issued for Aurora hard fescue.

W. A. MEYER, C. A. ROSE-FRICKER,* AND C. R. FUNK (1)

References and Notes
1. W.A. Meyer and C.A. Rose-Frickey, Pure-Seed Testing, Inc., P.O. Box 449, Hubbard, OR 97032; and C.R. Funk, Crop Science Dep., New Jersey Agric. Exp. Stn., Cook College, Rutgers Univ., New Brunswick, NJ 08903. Publication no. D-151-66-11-90, New Jersey Agric. Exp. Stn. Some of this work was conducted as part of New Jersey Agric. Exp. Stn. Project no. 1-5166, supported by New Jersey Agric. Exp. Stn., other grants and gifts. Additional support was received from the U.S. Golf Association, the Golf Course Superintendents Association of America, and the New Jersey Turfgrass Association.

Appreciation is expressed to all participants in the National Turfgrass Evaluation Program for their assistance in the evaluation of Aurora hard fescue. Registration by CSSA. Accepted 31 Dec. 1990. *Corresponding author.


REGISTRATION OF ‘SATURN’ PERENNIAL RYEGRASS

‘SATURN’ PERENNIAL RYEGRASS (Lolium perenne L.) (Reg. no. CV-141, PI 537567) was developed by Pure-Seed Testing, Inc., of Hubbard, OR. Its experimental designation is Pure-Seed 2PM. First certified seed was produced in 1988.

The four hundred parental clones of Saturn trace back to crosses among selections of ‘Citation II’ × ‘Manhattan II’, Citation II × Prelude, ‘Jazz’ × Manhattan II, and Jazz × Prelude. Progeny from these crosses were selected for resistance to seed production diseases, an attractive dark green color, and improved seed yield. Saturn was subsequently evaluated for turf performance, mowing quality, turf density and resistance to turf diseases in Oregon, California, and New Jersey.

Saturn is a medium maturing cultivar with a 50% heading date 7 d later than ‘Pennfine’. Saturn is an improved turf-type perennial ryegrass cultivar capable of producing a persistent, dense, fine-textured turf with a dark green color. Saturn has very good resistance to winter net blotch (caused by Puccinia graminis Kühn), brown patch (caused by Rhizoctonia solani Kühn), and stem rust (caused by Puccinia graminis Pers.:Pers.).

C. A. ROSE-FRICKER, W. A. MEYER, AND J. ZAJAC (1)


REGISTRATION OF ‘246’ PERENNIAL RYEGRASS

‘246’ PERENNIAL RYEGRASS (Lolium perenne L.) (Reg. no. CV-142, PI 537568) was developed by the plant breeders at Pure-Seed Testing, Inc., of Hubbard, OR. Its experimental designation was 246.

246 is an advanced generation synthetic cultivar from four cycles of recurrent phenotypic selection. Plants were selected from ‘Citation II’ and one from ‘Manhattan II’ for resistance to stem rust (caused by Puccinia graminis Pers.:Pers.). They were crossed with selections from old turf areas in New Jersey. Seedlings from these crosses were put in a spaced-plant nursery to initiate the first cycle of phenotypic selection for dark green color, number of seed heads; and resistance to stem rust caused by Puccinia corona Cords, and net blotch caused by Drechslera dictyoides (Shoemaker). After the fourth cycle of recurrent selection, 165 dark green plants were chosen as the parents of 246. Certified seed was produced in 1987.

246 is a medium maturing, lower-growing, turf-type cultivar capable of producing a dark green turf with a reduced rate of vertical growth. It has good resistance to net blotch, brown patch incited by Rhizoctonia nodorum (Kühn), and stem rust. 246 has performed well across a wide range of soil types at several locations in the USA, from near Portland, Ore., to Great Falls, Mont. It is recommended for the cool-season areas where turf-type perennial ryegrasses are adapted. The dark green more prostrate growth have made 246 an outstanding cultivar for the overseeding of dormant bermudagrasses, and for winter overseeding of dormant warm-season turfgrasses.

Breeder seed of 246 is produced by Pure-Seed Testing, Inc. Propagation is limited to two generations of increase from breeder seed, one generation each of foundation and certified. United States Plant Variety Protection Certificate no. 8800114 was issued on 30 Nov. 1989 for Saturn perennia ryegrass.

C. A. ROSE-FRICKER,* W. A. MEYER, AND J. ZAJAC (1)

References and Notes
1. C. A. Rose-Frickey and W. A. Meyer, Pure-Seed Testing, Inc., Hubbard, OR 97032; and J. Zajac, Zajac Performance, 5000 Old Haledon Rd., North Haledon, NJ 07508. Appreciation is expressed to all participants in the National Turfgrass Evaluation Program for their assistance in the evaluation of Saturn perennial ryegrass. Registration by CSSA. Accepted 31 Dec. 1990. *Corresponding author.