United States Plant Variety Protection (no. 8800235) has been issued on Tribute.

R.H. Hurley,* Marie E. Pompei, Gregory Mazur, R.H. White, M.L. Kemp, and C.R. Funk (1)

References and Notes

1. R.H. Hurley and Marie E. Pompei, Lots Seed Inc., P.O. Box 146, Bound Brook, NJ 08805; Gregory Mazur, The Davey Tree Expert Company, 1500 North Mantua Street, Kent, OH 44240 (formerly Crop Science Dep., New Jersey Agric. Exp. Stn.); R.H. White, Texas A and M Univ., Research and Extension Center, 17360 Coid Rd., Dallas, TX 75252 (formerly Crop Science Dep., New Jersey Agric. Exp Stn.); M.L. Kemp, and C.R. Funk, Crop Science Dep., New Jersey Agric. Exp. Stn. Publication no. D-15166-2-90, New Jersey Agric. Exp. Stn., Cook College, Rutgers Univ., New Brunswick, NJ 08903. Some of this work was conducted as part of NJAES project no. 15166, supported by New Jersey Agric. Exp. Stn. funds, other grants, and gifts. Additional support was received from the United States Golf Association and the Golf Course Superintendents Association of America. Special appreciation is expressed to all participants in the National Turfgrass Evaluation Program for their assistance in the evaluation of Tribute. Registration by CSSA. Accepted 31 Dec. 1989.*Corresponding author.


REGISTRATION OF ‘PENNUDA’ OAT

‘PENNUDA’ naked-seeded spring oat (Avena nuda L.) (Reg. no. 323; PI 518513) was developed cooperatively by the ARS and the Pennsylvania Agricultural Experiment Station and released in 1987. Pennuda was developed from a ‘Noble’/‘Otee’/‘Prime’/‘Noble’/‘Otee’ cross made in 1978. Pennuda was subsequently tested as PA8290-6113 in replicated trials at two locations in Pennsylvania during 1986 and in the Uniform Early Oat Tests in several states during 1986.

Juvenile plants of Pennuda are erector with medium-sized ligules and brous and ligules are present. Culms are erect and brous. The panicle is equilateral, midbroad, and midsized; it is midsized with ascending branches. The rachis is midsized and erect to drooping. Pennuda is less multiflorous than most other naked-seeded oats; upper spikelets usually have three to four florets (usually three); lower spikelets usually have two florets. The rachilla is shorter than most other naked-seeded oats. Florets are awnless. Pennuda is a midbroad, medium blue-green color, due to a moderate level of waxy density of hairs (trichomes).

Pennuda is early and has excellent grain yield and lodging resistance. In Pennsylvania trials during 1986, Pennuda’s average groat yield was identical to that of ‘Larry’/‘Prime’/‘Noble’/‘Otee’/‘Prime’, which was about 2 d earlier in maturity. In four tests where lodging occurred, Pennuda averaged 6% lodged plants, compared to 16% for ‘Larry’. Test weight of Pennuda grain averaged 3.7% and 16.1% crude protein. Pennuda ranked high for resistance and averaged only 10% lodged plants, with 32% for ‘Clintford’ and 65% for ‘Larry’.

Breeder seed of Pennuda will be maintained by the Pennsylvania Agricultural Experiment Station, the Pennsylvania Agricultural Experiment Station, the Pennsylvania Agricultural Experiment Station, and the Pennsylvania Agricultural Experiment Station. Protection under Title V of the Federal Seed Trade Act is pending.