Parental clones and breeders seed (Syn 1) are maintained by the Idaho Agric. Exp. Stn., Moscow, Idaho. Two generations of increase beyond breeders seed will be permitted; foundation and certified will be grown under the rules and regulations of the Idaho Crop Improvement Association, Inc. Boise, ID 83705.

REGISTRATION OF FALCON TALL FESCUE

(Reg. No. 19)

C. R. Funk, W. K. Dickson, W. A. Meyer, and R. J. Peterson

‘FALCON' tall fescue (Festuca arundinacea Schreb.) was developed cooperatively by Pure-Seed Testing, Inc., and E. F. Burlingham and Sons from germplasm obtained from the New Jersey Agric. Exp. Stn. Falcon was released by E. F. Burlingham. The first certified seed was produced in western Oregon in 1980. NJ78 was the experimental designation of Falcon.

Plants collected from old turf stands in Alabama, Georgia, New Jersey, Pennsylvania, and Virginia contributed most of the parental germplasm of Falcon. Parental clones were selected from spaced-plant nurseries on the basis of attractive appearance, freedom from disease, ability to resist leaf roll during hot dry weather, softness of leaf, and acceptable seed yield. Single-plant progenies were evaluated in closely-mowed turf trials in New Jersey and Oregon. Seedlings from selected clones exhibiting the best progeny performance were subsequently screened for resistance to crown rust (incited by Puccinia coronata Corda F. sp. festucae Erikss.), uniform maturity, and improved seed yield.

Falcon is a leafy, moderately low-growing, turf-type cultivar. It has the ability to produce an attractive, more persistent turf with finer texture, and higher density than most of the standard, commercially available cultivars of tall fescue. Falcon should be useful for the production of a medium low maintenance turf in either full sun or moderate shade in most regions where tall fescue is well adapted.

Breeder seed will be maintained by Pure-Seed Testing, Inc. with the cooperation of the New Jersey Agric. Exp. Stn. Seed propagation of Falcon is limited to two generations of increase from breeder seed, one each of Foundation and certified.

Application (number 8000160) has been made for U.S. Plant Variety Protection.

ACKNOWLEDGMENTS

Some of this work was performed as part of NJAES Project No. 15166, supported by New Jersey Agric. Exp. Stn. funds, other grants, and gifts.

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REGISTRATION OF FIDLER

(Reg. No. 297)


‘FIDLER,' a spring oat (Avena sativa L.), was developed cooperatively by Pure-Seed Testing, Inc., with the cooperation of New Jersey Agric. Exp. Stn. and the Oat Rust Area Project Group which is co-located at Agriculture Canada Research Station, Winnipeg. Fidler was grown in preliminary yield trials as accessions 76-77 and 77-78 at New Jersey Agric. Exp. Stn. and as Test 20 in the Western Oat Test in 1978 and 1979. Fidler was released by Pure-Seed Testing, Inc. with the cooperation of the New Jersey Agric. Exp. Stn. and is currently being evaluated in the turfgrass breeding program at Rutgers. Fidler is limited to two generations of increase from breeder seed, one each of foundation and certified.

Application (number 8000160) has been made for U.S. Plant Variety Protection.

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* Research professor, Soils and Crops Dep., New Jersey Agric. Exp. Stn.; head soils and plants technician, Soils and Crops Dep.; president, Pure seed Testing, Inc., P.O. Box 449, Hubbard, OR 97032; and vice president, E. F. Burlingham and Sons, P.O. Box 217, Forest Grove, OR 97116.