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, resistance to 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.

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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.

Sincere appreciation is expressed to the U.S. Golf Section Research and Education Fund, Inc. for its support of the turfgrass breeding program at Rutgers. Appreciation is also expressed to the U.S. Golf Association Green Section Research and Education Fund, Inc. for its generous support of the turfgrass breeding program at Rutgers. Appreciation is also expressed to the U.S. Golf Association Green Section Research and Education Fund, Inc. for its generous support of the turfgrass breeding program at Rutgers.

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plasm Resources Laboratory of AR-SEA-USDA and hybrids of tall fescue (F. arundinacea Schreb.), perennial ryegrass (Lolium perenne L.) and Canadian grass (Festuca pratensis Huds.), and perennial ryegrass (Lolium perenne L.) from the U.S. Regional Pasture Research Laboratory, PA. Clones of the original germplasm accessions were grown in nurseries subjected to frequent close mowing. Selection of the most attractive selections were subsequently screened for resistance, attractiveness, disease resistance, and performance for two generations of increase from breeder seed. Foundation and certified seed of this cultivar harvested in western Oregon in 1980. T-5, 6 was the experimental designation of Rebel.

Rebel is an attractive, turf-type cultivar capable of producing a persistent turf of greater density, finer texture, and slower rate of visual growth than the standard, commercially available cultivars of tall fescue. Rebel 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 Lofts Pedigreed Seed, Inc., with the cooperation of the New Jersey Agri. Exp. Stn. Rebel is limited to two generations of increase from breeder seed, one each of foundation and certified.

Application has been made for U.S. Plant Variety Protection.

REGISTRATION OF FIDLER OATS
(Reg. No. 297)


‘FIDLER,’ a spring oat (Avena sativa L.), was developed cooperatively by the U.S. Regional Pasture Research Laboratory, University Park, PA and the New Jersey Agric. Exp. Stn. in cooperation with the U.S. Golf Section Research and Education Fund, Inc. for its support of the turfgrass breeding program at Rutgers. Application (number 8000160) has been made for U.S. Plant Variety Protection of this cultivar.

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