REGISTRATION OF CROP CULTIVARS

are medium in size, with a fuzzy seed index of 11.2 g compared with 12.0 g for Acala 1517-75. Lint percentage of Acala 1517-88 averaged 40.3 over a 4-yr period compared with 38.4 for Acala 1517-75 for hand picked bolls.

Fiber length of Acala 1517-88 is similar to that of Acala 1517-75, averaging 30.2 mm in 2.5% span length, generally classifying as 1 5/32 in. staple. Fiber uniformity averages 48% for Acala 1517-88. Similar values for Acala 1517-75 are 30.5 mm and 50%. Micronaire for Acala 1517-88 averaged 0.2 units higher than for Acala 1517-75. Fiber strength, as measured on the 3.18-mm gauge stelometer, averaged 214 kN m Kg^{-1} (nM/tex) compared with 221 for Acala 1517-75.

Breeder seed will be maintained by the New Mexico Agricultural Experiment Station, Las Cruces.

C. L. ROBERTS, N. R. MALM,* D. D. DAVIS, and C. E. BARNES (2)

References and Notes


REGISTRATION OF ‘ADVENTURE’ TALL FESCUE

‘ADVENTURE’ tall fescue (Festuca arundinacea Schreb.) (Reg. no. 33) (PI 511351) was developed by Pure-Seed Testing, of Hubbard, OR, and is being marketed by Warrens Turf Nursery of Fairfield, NJ. Adventure is a 145-clone synthetic cultivar derived from the progenies of 12 clones selected from old turf areas in Alabama, North Carolina, Pennsylvania, and New Jersey contributed to the parental germplasm. Clones were selected from space-planted nurseries based on late maturity, reduced vertical growth, disease resistance, dark color, and seed yield. Single plant progenies were evaluated for turf performance. Fifty clones were chosen as the parents of Jaguar after three cycles of recurrent selection and 2 yr of evaluation as progenies for resistance to crown rust caused by Puccinia coronata. F. sp. festucae, late maturity, and seed yield. New Jersey were used to evaluate summer performance and resistance to brown patch disease caused by Helminthosporium caudatum. The experimental designation of Jaguar was Seed 572. Jaguar was released by Garfield Williamson and first available for sale in August 1983.

Jaguar is an attractive, leafy, turf-type tall fescue with good heat and cold tolerance. It has also shown resistance to net blotch, brown patch (Rhizoctonia sp.), and crown rust.

United States Plant Variety Protection Certificate no. 8300079 has been issued for Adventure tall fescue.

W. A. MEYER,* C. ROSE-FRICKER, B. L. ROSE, and J. ZAJAC (1)

References and Notes

1. W.A. Meyer and C. Rose-Fricke. Pure-Seed Testing, PO Box 250, Hubbard, OR, and F. Berns, Warrens Turf Nursery, 7502 S. Main St., Hubbard, OR 97032. Registration of ‘JAGUAR’ tall fescue (Festuca arundinacea Schreb.) (Reg. no. 33) (PI 511352) was developed by Pure-Seed Testing, of Hubbard, OR, and is being marketed by Garfield Williamson Co. of Fairfield, NJ. Jaguar is an advanced generation synthetic cultivar derived from the progenies of 12 clones selected from old turf areas in Alabama, North Carolina, Pennsylvania, and New Jersey contributed to the parental germplasm. Clones were selected from space-planted nurseries based on late maturity, reduced vertical growth, disease resistance, dark color, and seed yield. Single plant progenies were evaluated for turf performance. Fifty clones were chosen as the parents of Jaguar after three cycles of recurrent selection and 2 yr of evaluation as progenies for resistance to crown rust caused by Puccinia coronata. F. sp. festucae, late maturity, and seed yield. New Jersey were used to evaluate summer performance and resistance to brown patch disease caused by Helminthosporium caudatum. The experimental designation of Jaguar was Seed 572. Jaguar was released by Garfield Williamson Co. and first available for sale in August 1983.

Jaguar is an attractive, leafy, turf-type tall fescue with good heat and cold tolerance, drought adaptation, good shade tolerance, good low temperature color retention in late fall. Throughout the USA it has shown very good performance with excellent turf density compared with other tall fescues. Jaguar has shown good resistance caused by Helminthosporium dictyoides Drechs. and crown rust.

Breeder seed of Jaguar is produced by Pure-Seed Testing. Propagation is limited to two generations of increase from breeder seed, one generation each of foundation, and certified. Adventure was released and first available for sale in August 1983.

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PUBLISHED JANUARY 1988

REGISTRATION OF ‘JAGUAR’ TALL FESCUE

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References and Notes

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