REGISTRATION OF CROP CULTIVARS

of increase from breeder seed, one each of foundation and certified. Breeder seed is produced and maintained by Pure-Seed Testing.

United States Plant Variety Protection Certification no. 8700077 was issued on 28 Nov. 1986.

W. A. MEYER,* C. A. ROSE-FRICKER, B. L. ROSE, AND C. R. FUNK (2)

References and Notes


REGISTRATION OF ‘TOMAHAWK’ INDIANGRASS

‘TOMAHAWK’ indiangrass [Sorghastrum nutans (Reg. no. 131, PI 478006) was developed by the USDA-ARS Plant Materials Center (PMC), Bismarck, ND. Tomahawk was tested as ND-444 and jointly released in June 1988 by USDA-SCS, USDA-ARS, and the North Dakota, South Dakota, and Minnesota Agricultural Experiment Stations. Tomahawk was released because of its early maturity, winter hardiness, and ability to persist in environments. This cultivar extends the latitude of cultivation of cultivated indiangrass farther north than currently available cultivars.

Tomahawk originated as a composite of the accessions made in 1961. ND-343 was collected near Ludden, ND; SD-56 came from Britton, SD; and SD-454 came from Hecla, SD. Initial evaluations of the accessions were conducted with several other accessions at the Bismarck Plant Materials Center (PMC). The three accessions were selected for high seed yield, resistance to net blotch caused by Helminthosporium dictyoideus Drechs., and crown rust caused by Puccinia coronata Corda., a very dark green color, late maturity, and steminess for improved seed production. Each cycle of selection was followed by single plant progeny evaluation in turf trials. Bonanza had the experimental designation 5L4. Bonanza was released by Turf-Seed, Inc., September 1985 and the first certified seed was produced and available for sale that same year.

Bonanza is a very late maturing turf-type tall fescue with a heading date (50% of panicles emerged) 15 d later than 'Kentucky-31' and 6 d later than 'Rebel'. Bonanza produces a dark green turf with thick density and high mowing quality. It performs well in cold, hot, droughty, and shady conditions. Bonanza has a unique stiff foliage in seed production fields and steminess for improved seed production. Each cycle of recurrent selection. The three parents of Bonanza are 'BONANZA' tall fescue (Festuca arundinacea Schreb.) (Reg. no. 40, PI 537445) also called 'Darcy' in Europe was developed by Pure-Seed Testing, Inc. of Pratum, OR. Bonanza is a dark green marketed by Turf-Seed, Inc. of Hubbard, OR and Proprietary Seeds, Inc. of Pratum, OR. Bonanza is a dark green color, late maturity, winter hardiness, and ability to persist in environments. This cultivar extends the latitude of cultivation of cultivated indiangrass farther north than currently available cultivars.

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