Matterhorn great northern bean has been released as a public nonexclusive cultivar, with the option that Matterhorn may be sold for seed by name only under the Certified class. A research fee will be assessed on each hundredweight unit of foundation seed sold. Breeder seed is maintained by the Michigan Agricultural Experiment Station, in cooperation with the Michigan Crop Improvement Association.

J. D. Kelly,* G. L. Hosfield, G. V. Varner, M. A. Uebersax, and J. Taylor (2)

References and Notes


Registration of ‘Reveille’ Hybrid Bluegrass

‘Reveille’ hybrid bluegrass (Reg. no. CV-53, PI 603946) is an F$_4$ hybrid between Texas bluegrass (Poa arachnifera Torr.) and Kentucky bluegrass (P. pratensis L.) developed by the Texas Agricultural Experiment Station (TAES) and released in April 1998. It has heat resistance similar to Texas bluegrass and growth characteristics closely resembling Kentucky bluegrass; however, unlike Kentucky bluegrass, it is well adapted to the southern USA. Reveille was originally named TXKY 16-1; it was tested as TXKY 90-16-1, TXKY 16-1-90, 16-1-90, 16-1, and TXKY 16-1.

Reveille was derived from a cross made in 1990 between Texas bluegrass 20-11 (PI 3-88) as the female parent and ‘Huntsville’ Kentucky bluegrass (1) as the pollen source using detached inflorescences, bagged together and grown in nutrient solution until seed set. The original source of Texas bluegrass 20-11 (PI 3-88) was from a collection made from a remnant prairie near the intersection of Interstate 30 and Interstate 635 in Dallas County, Texas. The plant was selected for its vigor in 1989 in a spaced-plant nursery at the Texas A&M University System Research and Extension Center at Dallas. Huntsville is a commercial cultivar released in 1986 by Jacklin Seed Co., Post Falls, ID. Reveille was selected in 1993 from among 219 different hybrids being evaluated as turfgrass in a spaced-plant nursery at the Dallas Center. Each parent and hybrid plant had been divided into four ramets to provide two replications in two separate spaced-planted nurseries. One nursery was managed as a lawn with a 4-cm mowing height with minimal irrigation, whereas most Kentucky bluegrasses either died or went dormant.

Reveille exhibited the best mean turf quality rating (7.1) over four dates: 11 Mar. 1992, 10 July 1992, 21 Aug. 1992, and 9 Mar. 1993. Reveille remained green throughout the year when others were leaf rust (caused by Puccinia graminis f. sp. poae) and summer patch. No symptoms caused by either disease were observed on Reveille. Reveille remained green with minimal irrigation, whereas most Kentucky bluegrasses either died or went dormant.

Reveille is recommended for commercial and residential lawns and other turf areas where a year-round green grass is desired. It is a facultative apomict with 12% mixis. Seed head characteristics are intermediate between those of the two parents. The major diseases observed in the original spaced-plant nursery from both the open-pollinated and self-pollinated seed sources indicated that Reveille is a facultative apomict (3 out of 25 offtype plants observed in both sets). Studies have shown that 90% of the progeny reproduced by apomixis. Seed head characteristics are intermediate between those of the two parents.

The Foundation Seed Service of TAES will produce the foundation seed. Foundation and Certified seed will be sold as a class of certified seed or sod. Small quantities of seed for research purposes may be obtained from the Foundation Seed Service (Foundation seed may be sold by cultivar name only under the Certified class. A research fee will be assessed on each hundredweight unit of foundation seed sold.)

References and Notes
3. Texas A&M Univ. Res. & Ext. Ctr. (TAES), 1720 17th St, College Station, TX 77840. Reveille was developed by the Texas A&M University System Research and Extension Center, 1333 West 120th St, Dallas, TX 75228. Registration by CSSA. Accepted 30 Sept. 1998. *Corresponding author (j-read@tamu.edu)


Registration of ‘Stressland’ Soybean

‘Stressland’ soybean [Glycine max (L.) Merr. Reg. no. CV-398, PI 593654] was developed jointly by the USDA Agricultural Research and Development Center, Wooster, OH, and the Ohio Agricultural Research and Development Center. It was released on 1 Aug. 1994, as a tall, drought-tolerant, indeterminate cultivar with minimal irrigation, whereas most Kentucky bluegrasses either died or went dormant.

Reveille has perfect flowers. Representative plant from both the open-pollinated and self-pollinated seed sources indicated that Reveille is a facultative apomict (3 out of 25 offtype plants observed in both sets). Studies have shown that 90% of the progeny reproduced by apomixis. Seed head characteristics are intermediate between those of the two parents.

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Stressland has purple flower, tawny pubescence, tan pod, and dull yellow seed with black hilum. It is a Maturity Group IV soybean (relative maturity 4.3), tall, indeterminate cultivar adapted to the southern Midwest. Compared with the more broadly adapted inde-terminate cultivar, Flyer (7), Stressland is 7 d later in maturity, 22

Published March, 1999