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.

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References and Notes


Registration of ‘Reveille’ Hybrid Bluegrass

‘Reveille’ hybrid bluegrass (Reg. no. CV-53, PI 603946) is an F1 hybrid between Texas bluegrass (Poa arachnifera Torr.) and Kentucky bluegrass (P. pratensis L.) developed by the Texas Agricultural Experiment Station (T AES) 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 (P. pratensis L.) developed by the Texas Agricultural Experiment Station at Dallas. 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 supplemental irrigation during the summers of 1992 and 1993 to provide turf quality ratings. The second site received no supplemental irrigation until the end of the growing season, and the stand was lost.

Reveille has perfect flowers. Representative plants in the space plant nursery from both the open-pollinated and self-pollinated seed sources indicated that Reveille is a facultative apomict with 12% (3 out of 25) off-type plants observed in both seed sources. Further studies have shown that 90% of the progeny reproduced by apomixis. Seed head characteristics are intermediate between those of the two parents.

The major diseases observed in the original spaced-plant nursery were Mycosphaerella phaseolina (caused by Mycosphaerella graminis Pers. Pers.) and summer patch. No symptoms caused by either disease were observed on Reveille. Reveille remained green throughout the year with minimal irrigation, whereas most Kentucky bluegrasses either died or were dormant.

Reveille is recommended for commercial and residential lawns and other turf areas where a year-round green grass is desired. It is recommended for the regions in southern USA where Kentucky bluegrass is not adapted due to excessive summer heat. It can be established by using either seed or sod.

The Foundation Seed Service of TAES will produce the foundation seed. Foundation and Certified seed classes will be produced. Seed and sod of Reveille can be sold by cultivar name only as a class of certified seed or sod. Small quantities of seed for research purposes may be obtained from the corresponding author. U.S. plant variety protection for Reveille is pending (PVP Certificate no. 9800337).

J. C. READ,* J. A. REINERT, P. F. COLBAUGH, AND W. E. KNOOP (3)

References and Notes
3. Texas A&M Univ. Res. & Ext. Ctr. (TAES), 17360 Coit Rd. Dallas, TX 75252–6599. Reveille was developed by the TAES with partial funding from Garner Turfgrass, Inc., 1333 West 12th Ave. Suite 111, Westminister, CO 80234. Registration by CSSA. Accepted 31 Oct. 1998. *Corresponding author (j.read@tamu.edu).

Published in Crop Sci. 39:590 (1999).

Registration of ‘Stressland’ Soybean

‘Stressland’ soybean [Glycine max (L.) Merr.] (Reg. no. CV-398, PI 593654) was developed jointly by the USDA-ARS and the Ohio Agricultural Research and Development Center. It was released on 1 Aug. 1994, as a tall, drought-tolerant, indeterminate cultivar with specific adaptation to stress-prone environments (primarily drought), where its vigorous vegetative growth results in adequate plant height for good yields (5.6,9).

Stressland is an F2-derived line, originally designated as HCSO-2170, from the cross of HCSO-1946 x Asgrow ‘3127’ (1). HCSO-1946 is a determinate semidwarf breeding line from the cross L73U632 x ‘Elf’ (4). L73U632 is a determinate semidwarf breeding line from the cross ‘Miller 67’ x ‘Williams’ (2,3). Miller 67 is a Maturity Group III determinate cultivar. Asgrow 3127 is from the cross ‘Williams’ x ‘Essex’ (2,8). The cross of HCSO-1946 x Asgrow 3127 was made in 1985, at the Ohio Agricultural Research and Development Center, Wooster, OH. The F2-derived line, HCSO-2170, was tested in multiple Ohio locations from 1989 to 1991. It was evaluated in the Uniform Soybean Tests, Northern States, Preliminary Test IV in 1992 and Uniform Test IV in 1993.

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