many species of sod webworms (Lepidoptera: Pyralidae) (1,3,4).

Seville is a leafy, persistent, turf-type perennial ryegrass. It is capable of producing an attractive turf with a rich dark green color, medium–high density, medium–fine leaf texture, improved mowing qualities, and a moderate reduction in rate of vertical growth. Seville has performed well in turf trials, showing good summer stress tolerance, good winterhardiness, good tolerance of medium–close mowing, excellent seedling vigor, limited thatch production, and excellent wear tolerance. It is medium early in reproductive maturity and capable of producing high yields of quality seed. Seville shows good resistance to the net blotch disease incited by Drechslera virens f. sp. perennis (Drechs.) Shoem., large brown spot caused by Rhizoctonia solani Kühn, and many races of crown rust.

Seville is recommended for turf use on home lawns, sports fields, playgrounds, parks, institutional grounds, and golf course tees, fairways, and cart paths in temperate regions where perennial ryegrass is well adapted. It should normally be mixed with an adapted blend of Kentucky bluegrass (Poa pratensis L.) for such uses. Seville should also perform well for the winter overseeding of dormant warm-season turfs including lawn-type turfs and golf course tees, fairways, and greens. Its lower growth profile under cool short-day environments and darker green color are especially useful in such situations.

In order to maintain the viability and effectiveness of the acremonium endophyte, seed should be freshly harvested (<10 months old) or maintained in cold, dry storage. However, seed containing significant levels of viable endophyte should not be used to plant fields for pasture or forage. Acremonium endophyte–containing feed may adversely affect animal health and performance under some conditions (2).

Breeder seed of Seville will be produced and maintained by R.J. Peterson Enterprises, with the assistance of the New Jersey Agricultural Experiment Station. Seed production will be restricted to three generations of increase from breeder seed: namely, foundation, registered, and certified. Application (no. 9000038) has been made for U.S. Plant Variety Protection.

References and Notes

REGISTRATION OF 'NC-10C' PEANUT

'NC-10C' (Reg. no. CV-39, PI 540460) is a large-seeded Virginia-type peanut (Arachis hypogaea L. ssp. hypogaea var. hypogaea) cultivar that was released by the North Carolina Agricultural Research Service in 1988.

'NC-10C' was selected from a cross of cultivars 'NC 8C' (4) and 'Florigiant' (1). The new cultivar was developed by the pedigree breeding method with the final single plant selection being made in the F3 generation. It was tested under the experimental designation NC 18417.

NC 10C has moderate resistance to Cylindrocladium crotaleariae (C.A. Loos) D.K. Bell & Sober, the causal organism for cylindrocladium black rot (CBR) disease. NC 10C has a slightly lower level of CBR resistance than NC 8C, but it has superior pod and seed characteristics and improved milling quality (2). In tests conducted over 4 years with eight environments per year, NC 10C averaged 4506 kg ha−1 pod yield, 77% fancy-sized pods, and 20% extra large kernels, compared with 4613 kg ha−1, 76%, and 30%, respectively, for Florigiant (2). In a comparison of quality characteristics of NC 10C and Florigiant made in 1986, NC 10C gave a 72% mill outturn from straight shellings, compared with 71% for Florigiant (3). Sound mature kernels of NC 10C also have a slightly higher shelf-life than those of Florigiant, giving a 1.62 oleic to linoleic ratio, compared with 1.51 for Florigiant (3). The flavor of all peanut products produced from NC 10C was significantly better than the flavor of products produced from Florigiant (3). Blanchability for Florigiant and NC 10C was similar. The new cultivar has a spreading growth habit with plants slightly more erect than plants of Florigiant. NC 10C matures a few days later than Florigiant. Breeder seed will be maintained by the North Carolina Agricultural Research Service, Crop Science Department, Box 7620, Raleigh, NC 27695. Foundation seed are available from the North Carolina Foundation Producers, Inc., 4025 Beryl Rd., Raleigh, NC 27606.

J. C. Wynee, M. K. Beute, J. Bailey, and R. W. Mozingo (5)

References and Notes

REGISTRATION OF 'NC-V11' PEANUT

'NC-V11' (Reg. no. CV-40, PI 540461) is a large-seeded Virginia-type peanut (Arachis hypogaea L. ssp. hypogaea var. hypogaea) cultivar that was released cooperatively by the North Carolina Agricultural Research Service, the Virginia Agricultural Experiment Station, and the USDA-ARS in 1989. NC-V11's major advantages are its high yield and value.