NV-V11 was derived from a cross of two North Carolina breeding lines. One parent was a pure line selection from the cross of cultivars 'Florigiant' (1) and 'NC 5' (2). The second parent was a pure line selection from the cross of Florigiant and PI 337396, a valencia-type (Arachis hypogaea ssp. fastigiata var. fastigiata) introduction. NC-V11 was developed by the pedigree breeding method with initial selection in the F2 generation and final plant selection in the F5 generation. It was evaluated as NC Ac 18411 in breeding trials and in the Virginia–North Carolina Peanut Variety and Quality Evaluation Program (3).

Plants of NC-V11 have a spreading growth habit. Maturity for the new cultivar is similar to 'NC 7' (4). NC-V11 has shown a yield advantage of 4 to 7% and a dollar-value advantage of 3 to 11% when compared with Florigniant, NC 7, and 'NC 9' (5) in regional tests from 1984 to 1988 (3). Although NC-V11 has a lower percentage of fancy pods (68%) than Florigniant (76), NC 7 (89), or NC 9 (84), its percentage of extra large kernels (36) exceeds those for Florigniant (29%) and NC 9 (34). NC-V11 does not significantly differ from Florigniant for most quality characteristics, nor for leafspot (Cercospora arachidicola S. Hori) and cylindrocladium black rot [Cylindrocladium crotalariae (C.A. Loos) D.K. Bell & Sober] disease reactions.

Breeder seed will be maintained by the North Carolina Agricultural Research Service, Crop Science Department, Box 7620, Raleigh, NC 27695.

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References and Notes


REGISTRATION OF 'GEORGIA RUNNER' PEANUT

'GEORGIA RUNNER' is a new runner-type peanut (Arachis hypogaea L. ssp. hypogaea) (Reg. no. CV-41, Metzg.) Sinsk. (Reg. no. CV-8, PI 540457) is a quality cultivar protected by U.S. Plant Variety Protection (Reg. no. 9000148). Rebel is tolerant to triazine herbicides and was selected for adaptation to the southeastern USA to be grown as a winter annual in a double crop rotation. This cultivar was developed by the University of Idaho from a cross between Sipal and Indore (3), and a peanut introduction from the University of Georgia's Agricultural Experiment Station at Griffin, GA, the USDA-ARS Crop Systems Research Unit at Tifton, GA, and the U.S. Department of Energy's Herbaceous Energy Crops Program at Oak Ridge, TN. It was jointly released by the University of Idaho and the University of Georgia in 1989.

Rebel is an F6 line, 3-316-2, selected from crosses 'Triton' and 'WRE 17'. The maternal parent, 'Triton', is a triazine-tolerant, spring-planted, Canolaseed cultivar developed at the University of Idaho from a cross between Sipal and Indore (3), and a peanut introduction from the University of Georgia's Agricultural Experiment Station at Griffin, GA, the USDA-ARS Crop Systems Research Unit at Tifton, GA, and the U.S. Department of Energy's Herbaceous Energy Crops Program at Oak Ridge, TN. It was jointly released by the University of Idaho and the University of Georgia in 1989.

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