Registration of ‘Georgia Green’ Peanut

‘Georgia Green’ (Reg. no. CV-55, PI 587093) is a runner market-type peanut (Arachis hypogaea L. subsp. hypogaea var. hypogaea) cultivar that was released by the Georgia Agricultural Experiment Stations in 1995. It was developed at the University of Georgia Coastal Plain Experiment Station.

Georgia Green originated from a cross of ‘Southern Runner’ (2) with ‘Sunbelt Runner’ (3). Pedigree selection was practiced within the F2, F3, and F4 populations, and performance testing began in the F4.6 generation as GA T-2846.

Georgia Green has resistance to tomato spotted wilt virus (TSWV) comparable to ‘Georgia Browne’ (1) and Southern Runner. It is unique from many other runner-type peanut cultivars in having a distinctively darker green foliage, less vegetative canopy, and more decumbent spreading growth habit. Georgia Green combines the excellent yielding ability of Georgia Browne with the seed size of ‘Florunner’ (4).

In 37 tests conducted at multiple locations in the southeastern USA from 1990 to 1994, Georgia Green was found to be significantly higher in yield and dollar value per hectare by >10% over the Florunner cultivar. It produced a significantly higher grade percentage of total sound mature kernels (76 vs. 74%) than Florunner.

No significant difference was found between Georgia Green and Florunner for 100 sound mature seed weight, percentage of extra large seed, and percentage of medium size seed. Georgia Green and Florunner had significantly more and significantly fewer No. 1 seed than Georgia Browne. Georgia Green is similar to Florunner in maturity, percentage of total sound mature kernels (76 vs. 74%) than Florunner.

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