CROP REGISTRATIONS

liptical dark-green leaves (1). It has four to five primary, and one to four secondary branches. The main axis height and crop canopy breadth are 16.5 and 30.3 cm, respectively. It matures in 110 to 120 d in India, and has a meat content of 70%. It has mainly two-seeded, medium-sized, attractive pods that are slightly reticulated with slight to moderate constriction and none to slight beak. Seeds are tan in color with a 100-seed mass of 53 g. Seed average 48% oil and 23% protein. Oil quality (oleic/linoleic acid ratio of 1.04) is similar to that of other popular cultivars such as J 11, JL 24, ICGS 11 and Kadiiri 3(2).

ICGV 87187 has shown tolerance to end-of-season drought and bud necrosis disease in the field, and apparent tolerance to peanut mottle virus under artificial inoculation in the field(2). It is also insensitive to photoperiod. The ICRISAT Center, Patancheru, will maintain breeder seed.

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References and Notes

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REGISTRATION OF ‘MARC I’ PEANUT

Marc I plants have a runner or prostrate growth habit, with a more prominent mainstem and lighter green foliage than Florunner, with less vine growth and smaller leaves. The pods and seed of Marc I mature in about 195 d, and tend to be more uniform than Florunner in size, color, and texture to Florunner's pods. Marc I averaged 79.9% TSMK (total sound mature kernels), 20.2% ELK (extra large kernels), 66.5 g 100-seed weight, and 1.0% other kernels, vs. 81.0% TSMK, 20.5% ELK, 65.7 g 100-seed weight, and 0.7% other kernels for Florunner in 15 Marianna, FL, tests (1982-1989). Marc I had a 12.2% higher pod yield than Florunner in the Marianna tests. Results from Gainesville, FL, trials showed no significant differences for average damaged kernel percentage between the two cultivars were observed at the two locations (1).

Marc I has a slightly higher oil content (51.0 vs. 49.6%), with a somewhat higher oleic (53.3 vs. 50.7%) and lower linoleic (26.9 vs. 29.6%) fatty acid content. The iodine value for Marc I (93.3 vs. 95.3) and O/L ratio (1.98 vs. 1.71) indicated that the oil quality of Marc I is somewhat better than for Florunner. Blanching and flavor tests produced favorable results when compared to Florunner. Blanching and flavor tests indicated that Marc I tended to blanch better than Florunner, with no significant difference in taste tests from three labs (1).

Marc I should require about the same production practices as Florunner, with no known differences. Marc I, like Florunner, requires the initiation of a fungicide spray program at 30 to 40 d after planting in the southeastern USA to control late leafspot (Phaeoisariopsis personata (Berk. & M.A. Curtis) Arx (formerly Cerco-sporidium personation)) (4). The earlier maturity of Marc I should also allow for late May and early June plantings in the southern USA, with reduced risk of frost, compared with Florunner. Inquiries concerning Foundation Seed supply of Marc I should be directed to Florida Foundation Seed Producers, Inc., P. O. Box 309, Greenw. Breeder seed will be maintained by the University of Florida Agricultural Experiment Station.