

PI 552555. *Arachis hypogaea* L. FABACEAE Peanut

Donated by: Gorbet, D.W., Florida Agr. Exp. Sta., University of Florida, Marianna, Florida, United States. **remarks:** Marc I Peanut. Received June 20, 1991.

origin: United States. **origin institute:** Florida Agr. Exp. Sta., University of Florida, Marianna, Florida 32446. **cultivar:** MARC I. **pedigree:** 72 x 78-11-1-1-B (F439-17-2-1-1 x F459B-3-2-4-6-2-2-1). **other id:** UF79308-1. **other id:** CV-46. **source:** Crop Sci. 32(1):279 1992. **group:** CSR-PEANUT. **other id:** PVP 9200115. **source:** Pending. **group:** PVPO. **remarks:** High yielding, early maturing runner or prostrate growth habit variety with prominent main stem and light green foliage. Produces runner market-type pods and seed (66.5g 100-seed weight), averages 79.9% TSMK, 20.2% ELK, and 1.0% other kernels. Seed pink, relatively smooth testa. Seed contain 51% oil with an oleic and linoleic fatty acid content of 53.3 and 26.9% respectively, with an iodine. Spring Annual. Cultivar. Seed.

PI 552556 to 552563. *Gossypium hirsutum* L. MALVACEAE Upland cotton

Donated by: Wilson, F.D., Agricultural Research Service -- USDA, Western Cotton Research Laboratory, Phoenix, Arizona, United States; and Arizona Agr. Exp. Sta.. **remarks:** Eight Cotton Germplasms. Received June 20, 1991.

PI 552556 **origin:** United States. **origin institute:** Agricultural Research Service -- USDA, Arizona. **cultivar:** WC-15NL. **pedigree:** Stoneville 8737N (advanced nectariless strain from Stoneville Pedigreed Seed Co.) x La-Okra-2 (okra-leaf germplasm from J.E. Jones, La. Agr. Exp. Sta.), selection for NL in F2, five backcrosses to Stoneville 8737N. **other id:** GP-496. **source:** Crop Sci. 32(1):288 1992. **group:** CSR-COTTON. **remarks:** Lacks extrafloral nectaries and has okra leaf shape. Both of these traits impart resistance to pink bollworm (*Pectinophora gossypiella*). In a 2-season trial at Maricopa, AZ, yielded 1581 kg ha⁻¹ of lint, 64% of total lint was harvested at second of five bi-weekly harvests, fiber length (2.5% span) 27.4mm, fiber strength 203 KN m Kg⁻¹, and fiber fineness 4.64 micronaire units. (N=nectariless, L=okra leaf). Spring Annual. Breeding Material. Seed.