

PI 522236-continued

donor id: Ga80-1413. **origin:** United States. **cultivar:** THOMAS. **pedigree:** Centennial/F71-1138. **other id:** CV-229. **group:** CSR-SOYBEAN. **other id:** G80-1413. **remarks:** Maturity Group VII. Growth habit determinate. Flowers purple. Pubescence tawny. Pod walls tan. Seeds yellow with shiny coats and black hila. Height, lodging resistance, and seed quality, weight, and oil and protein composition similar to Braxton. Susceptible to peanut root-knot nematode (*Meloidogyne arenaria*). **disease resistance:** Stem canker, foliar diseases, bacterial pustule. Powdery mildew. **nematode resistance:** Soybean cyst (races 1 & 3), southern root-knot. Cultivar. Seed.

PI 522237. *Glycine max* (L.) Merr. FABACEAE Soybean

Donated by: Yaklich, R.W., Germplasm Quality & Enhancement Lab., USDA-ARS, Bldg. 001, Rm 116, Beltsville, Maryland, United States; and Cregan, P.B., Nitrogen Fix. and Soybean Genetics Lab., USDA-ARS, Range 1, GH 19, Beltsville, Maryland, United States. Received August 16, 1988.

donor id: Md84-2751. **origin:** United States. **pedigree:** Union/D67-5677. **other id:** GP-113. **group:** CSR-SOYBEAN. **remarks:** Plants indeterminate. Maturity Group III. Seedcoat impermeable (95% after 24 hours of soaking). Seed quality excellent. Breeding Material. Seed.

PI 522238. *Medicago sativa* L. FABACEAE Alfalfa

Donated by: Pedersen, J.F., USDA-ARS, Dept. of Agronomy, University of Kentucky, Lexington, Kentucky, United States; and Haaland, R.L., Shell Toomer Pkwy., Auburn, Alabama, United States. **remarks:** Germplasm developed and released by the Alabama Agric. Exp. Station, Auburn Univ. Seed source: Agronomy and Soils Dept., Auburn Univ., Auburn AL 36849. Received August 16, 1988.

donor id: AU CYCLE 2. **origin:** United States. **pedigree:** Bulk population from 300 vigorous plants selected from 4,500 plants from 90 cultivars/experimental lines. **other id:** GP-209. **group:** CSR-ALFALFA. **remarks:** Plants variable for flower color, leaf size and shape, stem diameter, and stem rigidity. Persistence in SE United States expected to be superior. Perennial. Breeding Material. Seed.