

PI 518651 to 518654-continued

PI 518654 **donor id:** CM 597. **origin:** Canada. **pedigree:** F5 from CM 359/CM 447. **other id:** PL-55. **source:** Crop Sci. 28(6):1042. **group:** CSR-SUNFLOWER. **remarks:** Plants early flowering, cms by backcross. Achenes black, round. Lodging resistant. **disease resistance:** Wilt (*Verticillium dahliae*). **Breeding Material.** Seed.

PI 518655. *Gossypium hirsutum* L. MALVACEAE Cotton

Donated by: Bourland, F.M., Dept. of Agronomy,, University of Arkansas, Fayetteville, Arkansas, United States; and Bridge, R.R., Delta Branch, Mississippi Agr. & Forestry Exp. Station, Stoneville, Mississippi, United States. **remarks:** Germplasm developed by the Mississippi Agricultural and Forestry Experiment Station. Received April 13, 1988.

donor id: Miscot T8-27. **origin:** United States. **pedigree:** DES 56/TAMCOT SP37. **other id:** GP-353. **source:** Crop Sci. 28(6):1035. **group:** CSR-COTTON. **remarks:** Plants high-yielding. **disease resistance:** Bacterial blight (*Xanthomonas campestris* pv *malvacearum*). Fusarium wilt (*Fusarium oxysporum* f. sp. *vasinfectum*). **insect resistance:** Some to tobacco budworm (*Heliothis virescens*). **Breeding Material.** Seed.

PI 518656. *Medicago sativa* L. FABACEAE Alfalfa

Donated by: Dobrenz, A.K., Dept. of Plant Science, University of Arizona, Tucson, Arizona, United States. Received April 13, 1988.

donor id: AZ-Large Leaflet. **origin:** United States. **pedigree:** Recurrent selection for large leaflets from Hayden. **other id:** GP-207. **source:** Crop Sci. 28(6):1034. **group:** CSR-ALFALFA. **remarks:** Genetic material for incorporating into high yielding populations and for genetic/physiological studies of large leaflet trait. **Breeding Material.** Seed.

PI 518657. *Sorghum bicolor* (L.) Moench POACEAE Sorghum

Donated by: Duncan, R.R., Dept. of Agronomy, Georgia Experiment Station, Griffin, Georgia, United States; and Rosenow, D.T., Texas Agr. Exp. Sta., Route 3, Box 219, Lubbock, Texas, United States; and Frederiksen, R.A., Dept. of Plant Pathology & Microbiology, Texas A&M University, College Station, Texas, United States. **remarks:** Joint contribution from the Georgia and Texas Agricultural Experiment Stations. Received April 13, 1988.