

PI 544353-continued

origin: United States. **origin institute:** Florida Agr. Exp. Sta., University of Florida, Gainesville, Florida 32611. **cultivar:** FL-ML. **pedigree:** SC-1/Osceola. Selections intercrossed with subsequent selections for multifoliolate leaf type and red leaf spot expression. **other id:** GP-3. **group:** CSR-CLOVER, WHITE. **remarks:** Multifoliolate leaf characteristics. Approx. 39% of population produces leaves with four or more leaflets. One-half of population expresses Vr2 red leaf spot genes. Other general features are similar to other intermediate white clover populations. Perennial. Breeding Material. Seed.

PI 544354. *Glycine max* (L.) Merr. FABACEAE Soybean

Donated by: Caviness, C.E., Arkansas Agr. Exp.Sta., University of Arkansas, Fayetteville, Arkansas, United States. **remarks:** Walters Soybean. Received October 18, 1990.

origin: United States. **origin institute:** Arkansas Agr. Exp. Sta., University of Arkansas, Fayetteville, Arkansas 72701. **cultivar:** WALTERS. **pedigree:** Forrest(4)/Narrow(2), F6. **other id:** CV-285. **group:** CSR-SOYBEAN. **remarks:** Determinate growth habit. Flowers purple. Pubescence tawny. Pod walls tan. Seeds yellow with shiny coats and black hila. Maturity, plant height, lodging, and seed quality scores are similar to Forrest. Seed yield average 13.6gms per 100. Oil content 10.8%. Protein average 39.8%. Multiple disease and nematode resistance. Moderately susceptible to stem canker. Moderately sensitive to recommended rates of herbicide,. Cultivar. Seed.

PI 544355 to 545480. *Avena fatua* L. POACEAE Wild oats

Donated by: Briggles, L.W., USDA-ARS, Plant Science Institute, BARC-WEST, Beltsville, Maryland, United States. Received September 01, 1990.

PI 544355 **donor id:** AF-1. **origin:** United States. **collected:** July 08, 1973. **locality:** 2 mi. east of Lake Preston along Hwy. 14; oat field. **remarks:** Lemma and palea white to light gray, glabrous. Callus and rachilla short to heavy pubescence. Groat 73%. Groat protein 23.8%. Annual. Wild. Seed.