

PI 552541 to 552550-continued

PI 552550 **origin:** United States. **origin institute:** California Agr. Exp. Sta., University of California, Davis, California 95616. **cultivar:** UC 296. **pedigree:** Approx. 50-80% of parentage traces to UC Salton, UC Cargo, and CUF 101. Remaining parentage can be traced to other UC material obtained at the Imperial Valley Agr. Ctr. All seed was open pollinated by honeybees. **other id:** GP-249. **source:** Crop Sci. 32(1):285 1992. **group:** CSR-ALFALFA. **remarks:** Very nondormant germplasm whose parent plants were selected from a holding nursery for root-rot resistant germplasms located in an area with soil salinity values of 0.7 to 1.2 Sm-1(7 to 12 mmho cm<sup>-1</sup>) in the top 3 feet of soil. Selected over 4 yrs. for important insect and root rot diseases found in the low desert of southern CA. At St. Paul, MN, highly resistant to Fusarium wilt with percentage of resistant. Perennial. Breeding Material. Seed.

PI 552551. *Medicago sativa* L. FABACEAE Alfalfa

**Donated by:** Marble, V.L., California Agr. Exp. Sta., University of California, Davis, California, United States. **remarks:** UC 332 Alfalfa Germplasm. Received June 20, 1991.

**origin:** United States. **origin institute:** California Agr. Exp. Sta., University of California, Davis, California 95616. **cultivar:** UC 332. **pedigree:** 167 plants were selected at the West Side Field Sta., near Five Points, CA from UC 186 (47 clones), UC 193 (23 clones), UC 195 (50 clones), and UC 196 (47 clones) whose parentages trace to CUF 101, 44%; UC Salton-type gp, 39%, & unknown 17%. **other id:** GP-252. **source:** Crop Sci. 32(1):287 1992. **group:** CSR-ALFALFA. **remarks:** Very nondormant 167 clone synthetic selected for high resistance to Fusarium wilt and Phytophthora root rot. Selected from 5 yr. old thinly populated variety yield trial at West Side Field Sta. where Phytophthora root rot, Fusarium wilt, and physiological, low oxygen tension disease commonly called "scald" were factors. Planted in isolation and pollinated with honeybees. At St. Paul, % resistant to. Perennial. Breeding Material. Seed.

PI 552552. *Melilotus officinalis* Lam. FABACEAE Sweetclover

**Donated by:** Gorz, H.J., Agricultural Research Service -- USDA, University of Nebraska, Lincoln, Nebraska, United States; and Nebraska Agr. Exp. Sta.. **remarks:** N27 Large-Seeded, Aphid-Resistant Sweetclover Germplasm. Received June 20, 1991.