

- PI 552542 **origin:** United States. **origin institute:** California Agr. Exp. Sta., University of California, Davis, California 95616. **cultivar:** UC 189. **pedigree:** Traces to 18 plants selected from UC 143. Seed was space planted in a cage and intercrossed with honeybees. **other id:** GP-253. **source:** Crop Sci. 32(1):285 1992. **group:** CSR-ALFALFA. **remarks:** Very nondormant 18 clone synthetic selected for resist. to bacterial wilt, Fusarium wilt, and Phytophthora root rot. In trials at St. Paul, MN, percentage of plants resistant to bacterial wilt were: 17, 39, 42, <1 for UC 189, UC 231, Vernal (R), and Narragansett (S), respectively. The percent of plants resistant to Fusarium wilt were: 77, 77, 72, and 4 for UC 189, UC 231, Moapa 69 (R), and MN GN-1 (S),. Perennial. Breeding Material. Seed.
- PI 552543 **origin:** United States. **origin institute:** California Agr. Exp. Sta., University of California, Davis, California 95616. **cultivar:** UC 195. **pedigree:** A 242-clone synthetic whose parentage trace to 4 gp pools as follows: A)BAA 1 (a gp developed by Legume Insect Lab., Tuscon, AZ), 37%; B)CUF 101, 33%; C) UC Salton-type, 28%;and D)Mesa Sirsa, 2%. Seed prod. in cage pollinated by honeybees. **other id:** GP-255. **source:** Crop Sci. 32(1):286 1992. **group:** CSR-ALFALFA. **remarks:** Very nondormant germplasm selected for high resistance to blue alfalfa aphid and Fusarium wilt and resistance to Phytophthora root rot. Selected for blue alfalfa aphid under cage both in El Centro, CA and Tuscon, AZ, and for Fusarium and Phytophthora at El Centro, CA. % resistant to blue alfalfa aphid at Tucson: 73, 56, & 0.7, for UC 195, CUF 101 (R), & Caliverde(S), respectively. At St. Paul, % resistant. Perennial. Breeding Material. Seed.
- PI 552544 **origin:** United States. **origin institute:** California Agr. Exp. Sta., University of California, Davis, California 95616. **cultivar:** UC 196. **pedigree:** Approx. 50-80% of the parentage traces to UC Salton, UC Cargo, and CUF 101. The remaining parentage can be traced to UC material obtained at the Imperial Valley Agr. Center. All seed was open pollinated by honeybees. **other id:** GP-246. **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-1) 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. UC 176 is the second cycle of selection for these factors, completed in 1980. Seedling. Perennial. Breeding Material. Seed.