PI 531504-continued

origin: United States. **cultivar:** KS206. **pedigree:** Derived from KS10 (pest resistant sel. from Ladak) by one Cycle of recurrent phenotypic selection for plant regeneration from cultured petioles. **other id:** GP-220. **source:** Crop Sci. 29(6):1576 1989. **group:** CSR-ALFALFA. **remarks:** Regeneration of plants in vitro high, under genetic control, highly heritable. Petioles of second and third leaves from stem apex used for explants for callus initiation. Potential use in development of new germplasm, hybrids, or cultivars. **insect resistance:** Pea aphid (Acyrthosiphon pisum). Spotted alfalfa aphid (Therioaphis maculata). **disease resistance:** Bacterial wilt (Clavibacter michiganense subsp. insidiosum). Perennial. Breeding Material. Seed.

PI 531505. Medicago sativa L. FABACEAE Alfalfa

Donated by: Hill, R.R.; Leath, K.T., U.S. Regional Pasture Research Lab., USDA-ARS, University Park, Pennsylvania, United States; **and** Rowe, D.E., USDA-ARS, Crop Science Research Lab.,, Mississippi State Univ., P.O. Box 5367, Mississippi State, Mississippi, United States. **remarks:** Developed at the U.S. Regional Pasture Research Laboratory and released jointly by USDA-ARS and the Nevada Agric. Experiment Station in October 1988. Received May 3, 1989.

origin: United States. **cultivar:** PL-PHR. **pedigree:** Polycross of 40 plants of A102Px and 10 plants each from A102-5/A106-4 and A148-2/A107-4. Plants of these poly crosses trace back to a top cross of MSA-CW3An3 and Apalachee pollen. **other id:** GP-221. **source:** Crop Sci. 29(6):1577 1989. **group:** CSR-ALFALFA. **remarks:** Germpasm provides resistance to leaf loss caused by Phoma. Yield probably not high, not field tested. Potential use for reducing leaf loss in development of cultivars or germplasms. **disease resistance:** Moderate to Phoma medicaginis var. medicaginis. Perennial. Breeding Material. Seed.

PI 531506. Medicago sativa L. FABACEAE Alfalfa

Donated by: Elden, T.C., Germplasm Quality and Enhancement Lab., Plant Sciences Institute, USDA-ARS, Beltsville, Maryland, United States; **and** Elgin, J.H., Plant Science Institute, USDA-ARS, Beltsville, United States. **remarks:** Developed by Beltsville Agric. Research Center and released by USDA-ARS in December 1988. Received May 3, 1989.