PI 527686-continued

donor id: 850802-2. **origin:** Korea. **local name:** Sae-pat (bird bean). **remarks:** Plants common in Sowon-Myon, T'alan-gun County area, somewhat of pest. **received as:** Phaseolus nipponesis. Wild. Seed.

PI 527687 to 527688. Medicago sativa L. FABACEAE Alfalfa

Donated by: Smith, S.E., Fairbanks, D.J., Department of Plant Sciences, University of Arizona, Tucson, Arizona, United States. **remarks:** Released by the Arizona Agric. Experiment Station in September 1988. Received January 12, 1989.

PI 527687 **origin:** United States. **cultivar:** AZ-88MS. **pedigree:** Series of single and population crosses to introduce cms into a nondormant nuclear background. **other id:** GP-216. **source:** Crop Sci. 29(4):1095 1989. **group:** CSR-ALFALFA. **remarks:** Plants approx. 81% male sterile and 96% self sterile in greenhouse tests, nondormant type. Perennial. Breeding Material. Seed.

PI 527688 **origin:** United States. **cultivar:** AZ-88NDC. **pedigree:** Syn 1 generation of a composite of equal amounts of certified seed of 13 elite nondormant cultivars. **other id:** GP-217. **source:** Crop Sci. 29(4):1095 1989. **group:** CSR-ALFALFA. **remarks:** Plants male-fertile maintainer, nondormant type. Perennial. Breeding Material. Seed.

PI 527689. Medicago sativa L. FABACEAE Alfalfa

Donated by: Bingham, E.T., Department of Agronomy, University of Wisconsin, 1575 Linden Drive, Madison, Wisconsin, United States. **remarks:** Released by the Wisconsin Agric. Experiment Station on December 7, 1978. Received January 12, 1989.

origin: United States. **cultivar:** Regen-S. **pedigree:** Two cycles of recurrent selection mainly within Saranac for regeneration from callus. **other id:** GP-218. **source:** Crop Sci. 29(4):1095 1989. **group:** CSR-ALFALFA. **remarks:** Plants tetraploid (2n=4x=32). Regenerate from callus (67% from original culture protocol, more from alternative medium). Regeneration under genetic control and highly heritable. Used in tissue culture and genetic transformation experiments. Herbage yield 90% of Saranac. Perennial. Breeding Material. Seed.