

PI 522244-continued

donor id: XAR53. **origin:** United States. **cultivar:** 5331.
pedigree: Recurrent phenotypic sel. of plants from NCMPIO, Saranac, Vernal, Du Puits, 530, Alfa, Flemish, Titan, Valor, and MN PBl. **other id:** CV-157. **group:** CSR-ALFALFA. **other id:** YAR 53, JHR872. **other id:** 83SR221. **remarks:** Flower color purple (86%), variegated (14%), and traces of white, cream, and yellow. Fall dormancy similar to Saranac. Parentage includes approx. 4% *M. falcata*, 5% Ladak, 18% *M. varia*, 3% Turkistan, 65% Flemish, and 5% Chilean. Forage yield good throughout the northern, central, and southeastern regions of the U.S. MR to anthracnose (race 2). LR to *Verticillium* wilt. **disease resistance:** *Phytophthora*, bact. & *Fusarium* wilts, anthracnose (race 1). **insect resistance:** MR pea (Iowa bio.) & spotted alfalfa (Fresno Co. bio) aphids. **nematode resistance:** MR to stem (*Ditylenchus dipsaci*). Perennial. Cultivar. Seed.

PI 522245. *Medicago sativa* L. FABACEAE Alfalfa

Donated by: Woodward, W.T.W, & Miller, J.W, Pioneer Hi-Bred International, Inc., P.O. Box 287, Johnston, Iowa, United States. Received August 16, 1988.

donor id: PZ-2. **origin:** United States. **cultivar:** 555.
pedigree: Fourteen-clone synthetic from plants of Kanza, Saranac, Culver, Vernal, 530, DuPuits, and Arkansas MSWT65. **other id:** CV-158. **group:** CSR-ALFALFA. **other id:** 75Z-1. **remarks:** Flower color approx. 90% purple and 10% variegated. Fall dormancy similar to Du Puits. Germplasm sources approx. *M. varia* (33%), Ladak (12%), Turkistan (11%), *M. falcata* (3%), Chilean (17%), and Flemish 24%). Adapted for forage use from eastern Colorado, south through New Mexico, eastward through Kansas and Oklahoma to Virginia. **disease resistance:** Bacterial and *Fusarium* wilts. **insect resistance:** Spotted alfalfa aphid and pea aphid (Calif. biotypes). Perennial. Cultivar. Seed.

PI 522246. *Phaseolus vulgaris* L. FABACEAE Pinto bean

Donated by: Wood, D.R., Dept. of Agronomy, Colorado State University, Ft. Collins, Colorado, United States. Received August 16, 1988.