

PI 527309-continued

donor id: WAPRS-4. **origin:** United States. **pedigree:** Hand polycrossing 60 4x plants resistant to two diseases. Pollen parent Arc-2. **other id:** GP-214. **group:** CSR-ALFALFA. **remarks:** Plants tetraploid (2n-4x-32) synthetic. Combined resistance to Phytophthora root rot derived from *M. falcata* (PI 410970) and from the 4x plant M193 (sel. from Nickerson Amer. Plant Breeders line 0310). **disease resistance:** Phytophthora root rot. (*Phytophthora megasperma* f. sp. *medicaginis*). Anthracnose (*Colletotrichum trifolii*). Perennial. Breeding Material. Seed.

PI 527310 to 527311. *Phaseolus vulgaris* L. FABACEAE Pinto bean

Donated by: Staveley, J.R., Microbiology and Plant Pathology Lab., Plant Sciences Institute, USDA-ARS, Bldg. 011A, Rm. 252, Beltsville, Maryland, United States; and Grafton, K.F., Department of Agronomy, North Dakota State University, Fargo, North Dakota, United States. **remarks:** Released by USDA-ARS and the North Dakota Agricultural Experiment Station in July 1988. Received November 18, 1988.

PI 527310 **donor id:** Beldak-RR-1. **origin:** United States. **pedigree:** F5 sel. from 4-2537//Bel 4-844*/Bel 2-623. **other id:** GP-76. **group:** CSR-OTHER LEGUMES. **remarks:** Beldak-rust resistant line. Plants have short prostrate vine growth habit (type III). Seed color, size, and shape characteristics conform to the Amer. pinto bean market class. Selected for release because contained maximal number of genes for rust resistance. **disease resistance:** Homogygous to 33 North Amer. races of bean rust. (*Uromyces appendiculatus*). Breeding Material. Seed.

PI 527311 **donor id:** Beldak-RR-2. **origin:** United States. **pedigree:** F5 sel. from 4-2537//Bel 4-844*/Bel 2-623. **other id:** GP-77. **group:** CSR-OTHER LEGUMES. **remarks:** Beldak-rust resistant line. Plants have short prostrate vine growth habit (type III). Seed color, size, and shape characteristics conform to the Amer. pinto bean market class. Selected for release because contained maximal number of genes for rust resistance. **disease resistance:** Homogygous to 33 North Amer. races of bean rust. (*Uromyces appendiculatus*). Breeding Material. Seed.

PI 527312. *Poa pratensis* L. POACEAE Kentucky bluegrass

Donated by: Brilman, L.A., Biology Department, California State College, 9001 Stockdale Highway, Bakersfield, California, United States. **remarks:** Developed and released in October 1986 by Jacklin Seed Co. and Garfield Williamson in cooperation with the New Jersey Agric. Experiment Station. Received November 18, 1988.