

PI 536013. *Bromus riparius* Rehmann POACEAE Meadow brome grass

Donated by: Knowles, R.P, Agriculture Canada Research Station, 107 Science Crescent, Saskatoon, Saskatchewan, Canada. **remarks:** Developed by the Agriculture Canada Research Station, Saskatoon, Saskatchewan and released in 1987. Received October 12, 1989.

donor id: S-7417. **origin:** Canada. **cultivar:** PADDOCK.
pedigree: Developed from VIR K27534 (Krasnodar, USSR) and 7 other Eurasian strains using open pollination. **other id:** CV-18. **group:** CSR-BROMEGRASS. **other id:** Can. Reg. No. 2787. **remarks:** Cultivar with good vigor and seed production, with extensive basal leaf growth. Root habit restricted and creeping. Growth habit and fall frost resistance similar to Regar and Fleet. Rapid regrowth following clipping or grazing. Seed yield excellent. Adapted to the cooler, moist areas of the Canadian prairies and adjacent USA states. Perennial. Cultivar. Seed.

PI 536014. *Medicago sativa* L. FABACEAE Alfalfa

Donated by: Sorensen, E.L., USDA-ARS, Dept. of Agronomy, Throckmorton Hall, Kansas State University, Manhattan, Kansas, United States; and Stuteville, D.L., Dept. of Plant Pathology, Throckmorton Hall, Kansas State University, Manhattan, Kansas, United States; and Horber, E.K., Dept. of Entomology, Waters Hall, Kansas State University, Manhattan, Kansas, United States. **remarks:** Developed by the USDA-ARS and the Kansas Agricultural Experiment Station and released 7 July, 1989. Received October 12, 1989.

donor id: KS153BA3P4. **origin:** United States. **pedigree:** Intercross of 96 Parental lines of KS70AN4BW2M5P1PA3SA3 followed by recurrent phenotypic selection. Estimated germplasm constitution Chilean 58%, Flemish 16%, *M. varia* 13%, Turkistan 6%, Ladak 4%, and *M. falcata* 3%. **other id:** GP-223. **group:** CSR-ALFALFA. **remarks:** Alfalfa germplasm with resistance to anthracnose, bacterial and Fusarium wilts, downy mildew and aphids (pea, blue alfalfa, and spotted alfalfa). ASI scores in fall dormancy trial at St. Paul, MN 5.65 compared to DuPuits 4.73, and Saranac 6.46. **disease resistance:** Anthracnose (race 1), bacterial wilt, downy mildew. Fusarium wilt, Phytophthora root rot. **insect resistance:** Aphids: pea, blue alfalfa and spotted alfalfa. Perennial. Breeding Material. Seed.