

**origin:** Canada. **cultivar:** KIRK. **pedigree:** S-7317 (from Finland) outcrossed with nine local strains and 4 European introductions of tetraploid type, followed by two 2 cycles of phenotypic selection. **other id:** CV-17. **group:** CSR-WHEATGRASS. **other id:** Can. Reg. No. 2788. **remarks:** Tetraploid with good vigor and fertility, reduced seed shattering and awn development. Growth habit tall, with wide spikes. Emergence superior from deep seeding at 5cm. Hay yield in 22 western Canada tests 5676 kg/ha. Seed yield in 11 tests 593kg/ha. Suitable for early spring grazing and hay. Best adapted to moderately moist conditions in crested wheatgrass areas. Perennial. Cultivar. Seed.

PI 536011. *Panicum miliaceum* L. POACEAE Proso millet

**Donated by:** Nelson, L.A., Department of Agronomy, University of Nebraska-Lincoln, Lincoln, Nebraska, United States. **remarks:** Developed by the University of Nebraska Agricultural Experiment Station and released June, 1989. Received October 12, 1989.

**donor id:** 79012-9-B-8. **origin:** United States. **cultivar:** SUNUP. **pedigree:** Rise/Dawn. **other id:** CV-124. **group:** CSR-OTHER GRASSES. **remarks:** Cultivar with potential superior yield in western Nebraska. Seed white, intermediate in size between Dawn and Rise. Head type compactum. Good yield record in black fallow, no-till and in early and late seedings. Should be adapted to areas north of Nebraska. Annual. Cultivar. Seed.

PI 536012. *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-9043. **origin:** Canada. **cultivar:** FLEET. **pedigree:** Synthetic of 67 Plants from 8 Eurasian sources. Chromosome number range from  $2n=65$  to  $2n=74$ . **other id:** CV-17. **group:** CSR-BROMEGRASS. **other id:** Can. Reg. No. 2778. **remarks:** Cultivar with good seed production and reduced awn size and shattering for use in pastures. Root habit restricted and creeping. Basal leaves abundant. Pubescence on leaves, stems and seed in varying degrees. Regrowth following clipping rapid. Fall frost resistance similar to Regar and superior to that of smooth brome grass. Adapted to cool moist areas of N & W Canadian prairies. In vitro digestibility 642g per kg. Perennial. Cultivar. Seed.