

PI 565289. *Psathyrostachys juncea* (Fischer) Nevski POACEAE Russian wild ryegrass

Donated by: Kielly, G.A., Swift Current Res. Sta. -- Agric. Canada, Box 1030, Swift Current, Saskatchewan S9H 3X2, Canada. **remarks:** Tetracan Russian Wild Ryegrass. Received February 25, 1993.

origin: Canada. **developed:** T. Lawrence, A.E. Slinkard, G.A. Kielly, C.D. Ratzlaff, N.W. Holt, P.G. Jefferson. **origin institute:** Swift Current Res. Sta. -- Agric. Canada, P.O. Box 1030, Swift Current, Saskatchewan S9H 3X2 Canada. **cultivar:** TETRACAN. **pedigree:** Open-pollinated seed of 27 plants from 11 sources (Canadian and U.S. breeding programs). **other id:** W6 11395. **group:** W6. **other id:** CV-159. **source:** Crop Sci. 34(1):308 1994. **group:** CSR-OTHER GRASSES. **restricted:** CSR. **remarks:** Tetraploid cultivar with large seeds (456 mg/100 seeds). Heads large, leaves wide. Adapted for dryland pastures of Canadian Prairies. Parental selection based on establishment vigor, fertility, seed yield and seed quality. Perennial. Cultivar. Seed.

PI 565290 to 565299. *Zea mays* L. subsp. *mays* POACEAE Corn

Donated by: Kindiger, B., Agricultural Research Service -- USDA, Southern Plains Range Res. Sta., Woodward, Oklahoma 73801, United States; and Missouri Agr. Exp. Sta.. **remarks:** Nine Male Sterile Maize Genetic Stocks and One Maintainer. Received February 25, 1993.

PI 565290 **origin:** United States. **developed:** B. Kindiger. **origin institute:** Agricultural Research Service -- USDA, Southern Plains Range Res. Sta., Woodward, Oklahoma 73801 United States. **cultivar:** MAINTAINER. **pedigree:** Stock is of modified W23 background and is not fixed as an inbred. Genetic constitution of stock is 3(ig) 3(ig) B-3Ld (Ig). **other id:** GS-1. **source:** Crop Sci. 34(1):321 1994. **group:** CSR-MAIZE. **restricted:** CSR. **remarks:** Tertiary trisomic stock for chromosome 3 of maize (3, 3, B-3Ld). Homozygous for the ig (indeterminate gametophyte) allele. Allele confers a high frequency of paternal androgenetic haploids. The normal or '+' (Ig) allele is carried on the B-3Ld chromosome. The presence of this extra tertiary trisomic chromosome allows for pollen fertility in ig ig homozygotes. This stock is necessary for maintenance of the ig ig cytoplasmic male sterile lines. Spring Annual. Genetic Material. Seed.