

PI 539871 to 539872-continued

PI 539872 **origin:** United States. **origin institute:** Iowa Agric. and Home Econ. Exp. Station, Iowa State University, Ames, Iowa 50011. **cultivar:** B94. **pedigree:** BSSS(R)C8 (Iowa Stiff Stalk Synthetic). **other id:** PL-152. **source:** Crop Sci. 31(1):247 1991. **group:** CSR-MAIZE. **remarks:** Maturity AES 800. Plant height tall, 190cm. Ear height 65cm. Combining ability similar to B73 in cross with Mol7. Seed medium, smooth, yellow dent type. Highly resistant to leaf-whorl feeding by first generation European corn borer (*Ostrinia nubilalis*). Good resistance to diseases under Iowa conditions. Good resistance to root and stalk lodging. Spring Annual. Breeding Material. Seed.

PI 539873. *Elytrigia spicata* (Pursh) D. R. Dewey POACEAE Bluebunch wheatgrass

Donated by: Young, G., Soil Conservation Service -- USDA, Plant Materials Center, P.O. Box AA, Aberdeen, Idaho, United States. **remarks:** Goldar Bluebunch Wheatgrass. Received April 11, 1990.

origin: United States. **origin institute:** Soil Conservation Service - USDA, Plant Materials Center, P.O. Box AA, Aberdeen, Idaho 83210. **cultivar:** GOLDAR. **pedigree:** Selected from native collection from Asotin Co., Washington. **collected:** 1934. **other id:** 9002950. **other id:** t2950. **other id:** P739. **remarks:** Densely tufted, abundant culms. Leaves 60-100cm tall, leaf sheaths glabrous, blades flat to loosely involute, 2-4mm wide. Foliage slightly to moderately glaucous, blue-green color, becoming flaucous to bluish on dry sites. Spikes generally loose, open, with spikelets about same length as rachis internodes. Spikelet lemma awns 1-2cm long and strongly divergent at maturity. Anthers dehisce outside. **received as:** *Pseudoroegneria spicata*. Perennial. Cultivar. Seed.

PI 539874 to 539880. *Avena sativa* L. POACEAE Spring oat

Donated by: Kolb, F.L., Illinois Agr. Exp. Sta., Dept. of Agronomy, Univ. of Illinois, Urbana, Illinois, United States; and Agricultural Research Service -- USDA. **remarks:** Seven Spring Oat Germplasm Lines Tolerant to Barley Yellow Dwarf Virus. Received April 12, 1990.