

PI 540399. *Avena sativa* L. POACEAE Common oat

**Donated by:** McMullen, M.S., North Dakota Agr. Exp. Sta., North Dakota State University, Fargo, North Dakota, United States; and Cornell Agr. Exp. Stn.; and Agricultural Research Service -- USDA.  
**remarks:** Newdak Oat. Received February 9, 1990.

**donor id:** ND 810104. **origin:** United States. **origin institute:** North Dakota Agr. Exp. Sta., North Dakota State University, Fargo, North Dakota 58105. **cultivar:** NEWDAK. **pedigree:** RL3038/Goodland//Ogle. **other id:** CV-334. **group:** CSR-OAT. **remarks:** Grain yield equal or higher than other cultivars tested in North Dakota. Heads 4 days earlier than Dumont. Test weight lower than Dumont. Groat percentage higher than Dumont. Lodging resistance similiar to Steele. Excellent resistance to crown rust (*Puccinia coronata*), possesses resistance genes Pc-38 and Pc-39. Excellent resistance to prevalent stem rust races, possesses at least. Spring Annual. Cultivar. Seed.

PI 540400. *Hordeum vulgare* L. POACEAE Barley

**Donated by:** Kolding, M., Hermiston Agric. Research & Exp. Ctr., Hermiston, Oregon, United States. **remarks:** Received through Foundation Seed and Plant Materials Project. Received February 12, 1990.

**origin:** United States. **cultivar:** E 804. **pedigree:** Lakeland/Kamiak. **remarks:** Six rowed type. Maturity medium early. Plants mid-tall. Winter hardiness good. Straw fairly stiff. Moderate resistance to leaf scald. Winter Annual. Breeding Material. Seed.

PI 540401. *Triticum aestivum* L. POACEAE Common wheat

**Donated by:** Cholick, F.A., South Dakota State University, Brookings, South Dakota, United States. Received March 1, 1990.

**origin:** United States. **cultivar:** SHARP. **pedigree:** Butte\*2/MN 7125. **other id:** SD 2980. **remarks:** Hard red type. Plants standard height, awned, early heading. Chaff white. Susceptible to Hessian Fly. Resistant to stem rust (*Puccinia graminis*), probable genes Sr5, Sr6 and Sr wld. Resistant to leaf rust (*Puccinia recondita*), probable genes Lrl, Lrl0, and Lrl3. Spring Annual. Cultivar. Seed.