

PI 518660. *Zea mays* L. POACEAE Corn

Donated by: Wicks III, Z.W., Plant Science Dept., South Dakota State University, Brookings, South Dakota, United States. Received April 13, 1988.

donor id: SD43. **origin:** United States. **pedigree:** Selection from inbred W117/inbred H96. **other id:** PL-110. **source:** Crop Sci. 28(6):1041. **group:** CSR-MAIZE. **remarks:** Plants 124cm tall with ears 61cm above ground. Plants dark green with small tassels and red cobs. Ears 16cm long with 14-16 rows of medium-sized kernels. Good vigor, ear fill, stalk and root strength, husk looseness and excellent stay green. Use in hybrids for central & southern South Dakota. **disease resistance:** Northern corn leaf blight (*Exserhillum turcicum*). Good to diplodia stalk rot (*Diplodia maydis*). Breeding Material. Seed.

PI 518661. *Helianthus* hybrid ASTERACEAE

Donated by: Jan, C.C., USDA-ARS, Agronomy Dept., North Dakota State University, Fargo, North Dakota, United States; and Chandler, J.M., Dept. of Agron. & Range Science, University of California, Davis, California, United States. Received April 13, 1988.

donor id: PM1. **origin:** United States. **pedigree:** P-21*3/H. debilis(PI435667)//Peredovik (*H. annuus*). **other id:** GP-94. **source:** Crop Sci. 28(6):1040. **group:** CSR-SUNFLOWER. **remarks:** Most plants 1.7m tall, single-headed, self-compatible. Seeds black or black with white stripes, 57g/1000. **disease resistance:** Powdery mildew (*Erysiphe cichoracearum*). Breeding Material. Seed.

PI 518662. *Lolium perenne* L. POACEAE Perennial ryegrass

Donated by: Robinson, M.F., Seed Research of Oregon, Inc., 644 SW 13th Street, Corvallis, Oregon, United States. Received April 13, 1988.