

PI 552957 to 552961-continued

PI 552961 **origin:** United States. **origin institute:** Montana Agr. Exp. Sta., Montana State University, Bozeman, Montana. **cultivar:** CC XLIII. **pedigree:** Composite created from bulking seed of CC XXXVI selected for P. Teres resistance and CC XXXVIII selected for R. secalis resistance. Recurrent selection followed. **other id:** GP-65. **source:** Crop Sci. 23(6):1225 1983. **group:** CSR-BARLEY. **remarks:** Six-rowed spring barley that is agronomically highly variable. Best adapted to semi-arid conditions. Contains numerous sources of resistance to scald (*Rhynchosporium secalis*) and net blotch (*Pyrenophora teres*). Spring Annual. Breeding Material. Seed.

PI 552962. *Hordeum vulgare* L. POACEAE Barley

Donated by: Carroll, T. W., Montana Agr. Exp. Sta., Montana State University, Department of Plant Pathology, Bozeman, Montana, United States. Received 1985.

origin: United States. **origin institute:** Montana Agr. Exp. Sta., Montana State University, Bozeman, Montana. **cultivar:** CC XLIV. **pedigree:** Composite cross developed from CC XLIII, CC XXXIII-A, CC XXXIII-B, 'Manchuria', and 'Sutter'. **other id:** GP-77. **source:** Crop Sci. 26(2):0387 1986. **group:** CSR-BARLEY. **remarks:** Six-rowed spring barley that is agronomically very diverse. Contains four different sources of the Yd2 gene for tolerance to BYDV (barley yellow dwarf virus). Spring Annual. Breeding Material. Seed.

PI 552963. *Hordeum vulgare* L. POACEAE Barley

Donated by: Manitoba Res. Sta. -- Agriculture Canada, Brandon, Manitoba, Canada. Received 1985.

origin: Canada. **origin institute:** Manitoba Res. Sta. -- Agriculture Canada, Brandon, Manitoba. **cultivar:** HEARTLAND. **pedigree:** Klondike/BT 416. **other id:** CV-200. **source:** Crop Sci. 25(6):1124 1985. **group:** CSR-BARLEY. **other id:** BT 346. **other id:** No. 2434. **source:** Canadian Registration number. **remarks:** Six-rowed spring barley, smooth awns. Kernels covered with white aleurone. Long glume awns with short sparse hairs. Short, long-haired rachillas. Spike is mid-long, semi-erect and semi-lax. Mid-maturing with short, strong straw. Susceptible to *Ustilago nuda*. Resistant to *Pyrenophora teres* and *Puccinia graminis*. Moderately resistant to *U. nigra* and *U. hordeii*. Spring Annual. Cultivar. Seed.