

PI 552955. *Hordeum vulgare* L. POACEAE Barley

**Donated by:** Sorrells, M. E., New York Agr. Exp. Sta., Cornell University, Dept. of Plant Breeding and Biometry, Ithaca, New York, United States. Received 1982.

**origin:** United States. **origin institute:** New York Agr. Exp. Sta., Cornell University, Ithaca, New York.  
**cultivar:** NY WINTER BARLEY ATRACOMP. **pedigree:** Recurrent selection in a composite of diverse winter barley germplasm for survival on atrazine treated soil. **other id:** GP-60. **source:** Crop Sci. 22(6):1268 1982. **group:** CSR-BARLEY. **remarks:** Plant morphology similar to most cultivars. May have more tillers per plant. Excellent winter hardiness. Higher yields and survivability in atrazine-treated soil than cultivars 'Hudson' and 'Schuyler'. Winter Annual. Breeding Material. Seed.

PI 552956. *Hordeum vulgare* L. POACEAE Barley

**Donated by:** Baenziger, P. S., Agricultural Research Service -- USDA, Maryland Agr. Exp. Sta., Beltsville, Maryland, United States. Received 1983.

**origin:** United States. **origin institute:** Agricultural Research Service -- USDA, Maryland Agr. Exp. Sta., Beltsville, Maryland. **cultivar:** CC XL. **pedigree:** Cross between 26 male lines with superior agronomic performance and female lines that were genetically male sterile. **other id:** GP-62. **source:** Crop Sci. 23(5):1017 1983. **group:** CSR-BARLEY. **remarks:** Composite cross containing a wide range of characters and yield genes for winter barley. Parent lines were superior in earliness, straw strength, winterhardiness, and resistant or tolerant to powdery mildew (*Erysiphe graminis*), scald (*Rhynchosporium secalis*), net blotch (*Drechslera teres*), and leaf rust (*Puccinia hordei*). Winter Annual. Breeding Material. Seed.

PI 552957 to 552961. *Hordeum vulgare* L. POACEAE Barley

**Donated by:** Bockelman, H. E., Montana Agr. Exp. Sta., Montana State University, Department of Plant Pathology, Bozeman, Montana, United States. Received 1984.