

PI 539130. *Hordeum vulgare* L. POACEAE Barley

Donated by: Eslick, R.F., Montana Agric. Exp. Sta., Boseman, Montana, United States. **remarks:** Released in 1953. Received January 30, 1990.

origin: United States. **cultivar:** ELLIS. **pedigree:** Selection from Composite Cross X, CIho 6625. **other id:** CIho 9529. **remarks:** 6-rowed, rough awned type. Maturity late. Rachilla short haired. Kernels white and midlong. Seed weight 2.8 to 3.6gm per 100. Hulls semiwrinkled to wrinkled. Straw moderately stiff. Winterhardiness moderate. Winter Annual. Cultivar. Seed.

PI 539131. *Hordeum vulgare* L. POACEAE Barley

Donated by: Gaines, E.F., Washington Agricultural Exp. Sta., Pullman, Washington, United States. **remarks:** Released in 1953. Received January 30, 1990.

origin: United States. **cultivar:** HEINES HANNA. **pedigree:** Parentage unknown. **other id:** CIho 9532. **other id:** CV-48. **source:** Agron. J. 52(11):661 1960. **group:** CSR-BARLEY. **remarks:** 2-rowed, rough awned type. Maturity midseason to late. Plants midtall. Spikes lax and long. Rachilla long haired. Kernels white, midlong. Seed weight 4.2 to 4.8gm per 100. Hulls finely wrinkled. Straw strength medium. Spring Annual. Cultivar. Seed.

PI 539132. *Hordeum vulgare* L. POACEAE Barley

Donated by: Saatzuchtwirtschaft, Fred. Meine, Schnega, Hanover, Niedersachsen, Germany, Federal Rep of. **remarks:** Released in 1964. Received January 30, 1990.

origin: Germany, Federal Rep of. **cultivar:** PIROLINE. **pedigree:** Weienstephaner Mahltauresistente C.P./Morgenrot. **other id:** CIho 9558. **other id:** CV-110. **source:** Crop Sci. 09(4):0520 1969. **group:** CSR-BARLEY. **remarks:** 2-rowed, rough awned type. Maturity early. Rachilla short haired. Straw stiff. Kernels white. Lodging resistance good. Easily thrashed but quite resistant to shattering. Moderate resistance to barley yellow dwarf virus and powdery mildew (*Erysiphe graminis*). Released as a feed barley in southern Idaho in 1956 and as a malting barley in 1964. Tetonia dryland yield average 2167kg per hectare; Aberdeen irrigated. **received as:** H. distichon. Spring Annual. Cultivar. Seed.