

PI 539108-continued

origin: United States. **cultivar:** ATLAS. **pedigree:** Pure line selection from Coast. **other id:** CIho 4118.
remarks: 6-rowed, rough awned type. Plant height short. Maturity early. Straw stiff. Kernels blue. Seed weight 4.3 to 4.9gm per 100. Resistant to barley stripe (*Pyrenophora graminis*) races in Wisconsin but susceptible to those found in California. Spring Annual. Cultivar. Seed.

PI 539109. *Hordeum vulgare* L. POACEAE Barley

Donated by: Lambert, J.W., University Minnesota, Dep. of Agronomy and Plant Genetics, St. Paul, Minnesota, United States. Received January 30, 1990.

origin: United States. **cultivar:** PEATLAND. **pedigree:** Pure line selection from an introduction from Switzerland. **other id:** CIho 5267. **other id:** CV-34.
source: Agron. J. 50(11):708 1958. **group:** CSR-BARLEY.
remarks: 6-rowed, rough-awned feed type with colorless aleurone. Plant height medium tall. Maturity medium. Straw strength good. Resistance to stem rust (*Puccinia graminis*). Moderate resistance to spot blotch (*Helminthosporium sativum*), net blotch (*Pyrenophora teres*), loose smut (*Ustilago nuda*), powdery mildew (*Erysiphe graminis*) and scab (*Fusarium graminearum*). Spring Annual. Cultivar. Seed.

PI 539110. *Hordeum vulgare* L. POACEAE Barley

Donated by: Harlan, H.V., Idaho Agricultural Exp. Sta., Division of Cereal Crops and Diseases, Aberdeen, Idaho, United States. **remarks:** Released in cooperation with the California Agricultural Experiment Station in 1943. Received January 30, 1990.

origin: United States. **cultivar:** ROJO. **pedigree:** Selection from a composite cross I, CIho 4116. **other id:** CIho 5401. **remarks:** 6-rowed, smooth-awned type. Maturity early. Kernels white, midlong to long. Hulla slightly wrinkled to semiwrinkled. Straw moderately stiff. Seed weight 4.1 to 5.0gm per 100. Spring Annual. Cultivar. Seed.

PI 539111. *Hordeum vulgare* L. POACEAE Barley

Donated by: Harlan, H.V., Montana Agricultural Experiment Station, Boseman, Montana, United States. **remarks:** Released in cooperation by the Bureau of Plant Industry and the Montana Agricultural Experiment Station. Received January 30, 1990.