

PI 539135-continued

origin: United States. **cultivar:** MORAVIAN. **pedigree:** Selection from a 1949 introduction, the later of two with same cultivar name. **other id:** CIho 10107. **other id:** CV-71. **source:** Crop Sci. 5(2):197 1965. **group:** CSR-BARLEY. **other id:** New Moravian. **remarks:** 2-rowed, rough awned type. Maturity late. Plants midtall. Spike lax and long. Rachilla long haired. Kernels white and short. Seed weight 3.8 to 4.2gm per 100. Hulls finely wrinkled. **received as:** H. distichon. Spring Annual. Cultivar. Seed.

PI 539136. *Hordeum vulgare* L. POACEAE Barley

Donated by: Price, P.B., South Dakota State University, Brookings, South Dakota, United States. Received January 30, 1990.

origin: United States. **cultivar:** JOTUN. **other id:** CIho 11670. Annual. Cultivar. Seed.

PI 539137. *Hordeum vulgare* L. POACEAE Barley

Donated by: Suneson, C.A., USDA-ARS, California Agricultural Exp. Sta., Berkley, United States. **remarks:** Cooperatively developed with USDA-ARS and released in 1964. Received January 30, 1990.

origin: United States. **cultivar:** GRANDE. **pedigree:** F21 selection from Composite Cross II, CIho 5461. **other id:** CIho 11758. **other id:** CV-76. **source:** Crop Sci. 5(2):198 1965. **group:** CSR-BARLEY. **other id:** CAS 1358. **remarks:** 6-rowed, rough awned, feed type. Maturity late. Growth habit prostrate during winter. Heads and seeds large. Resistance or tolerance to foliar diseases, powder mildew (*Erysiphe graminis*), net blotch (*Pyrenophora teres*), and scald (*Rhynchosporium secalis*). Spring Annual. Cultivar. Seed.

PI 539138. *Hordeum vulgare* L. POACEAE Barley

Donated by: Suneson, C.A., USDA-ARS, California Agricultural Exp. Sta., Berkley, United States. **remarks:** Cooperatively developed with USDA-ARS and released on 30 September, 1967. Received January 30, 1990.