

PI 539133. *Hordeum vulgare* L. POACEAE Barley

Donated by: Huntley, D.N., Ontario Agricultural College, Guelph, Ontario, Canada. **remarks:** Released in 1954. Received January 30, 1990.

origin: Canada. **cultivar:** KENATE. **pedigree:** Hybrid selection from Composite Cross X, CIho 6625. **other id:** CIho 9570. **other id:** C.A.N. 232. **remarks:** 6-rowed, semismooth awned type. Maturity early to midseason. Plants medium tall. Spikes lax to dense. Rachilla short haired. Kernels light blue and short to midlong. Seed weight 3.4 to 4.3gm per 100. Hulls slightly wrinkled to semiwrinkled. Winterhardiness moderate. Straw moderately strong. Resistant to some races of powdery mildew (*Erysiphe graminis*). Susceptible to leaf rust (*Puccinia hordei*) and. **received as:** *H. distichon*. Winter Annual. Cultivar. Seed.

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Donated by: McGill, D.P., Nebraska Agricultural Exp Sta., Lincoln, Nebraska, United States. **remarks:** Developed in cooperation with USDA-ARS and released in 1961. Received January 30, 1990.

origin: United States. **cultivar:** CHASE. **pedigree:** Single plant selection from CIho 7404 from Korea. **other id:** CIho 9581. **other id:** Nebraska 52434. **other id:** CV-60. **source:** Crop Sci. 4(6):666 1964. **group:** CSR-BARLEY. **remarks:** 6-rowed, hulled rough deciduous awned, type. Rachilla long haired. Aleurone white. Similar to Kearney (CIho 7580, PI 539126 in general appearance, plant height and maturity, but with less winterhardiness. Good straw strength. Lodging resistance very high. Test weight 600kg per cubic meter. Yield 2682kg per hectare. **received as:** *H. distichon*. Winter Annual. Cultivar. Seed.

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Donated by: Robertson, D.W., Colorado Agricultural Exp. Sta., Fort Collins, Colorado, United States. **remarks:** Released in 1954. Received January 30, 1990.