

PI 539138-continued

origin: United States. **cultivar:** HARLAND. **pedigree:** Developed by evolutionary breeding from Composite Crosses II, V, XII, XIV, and XV through the use of male sterility in a basic parentage of 700 lines. The population variety is The F13 of composite Cross XVI. **other id:** CIho 13445. **other id:** CV-101. **source:** Crop Sci. 8(4):514 1968. **group:** CSR-BARLEY. **remarks:** 6-rowed, white, covered, awned, feed type. Some traces of 2-rowed spikes with black and hullless seeds. Reaction to major foliar diseases varies conspicuously from plant to plant, but presents a favorable average. Spring Annual. Cultivar. Seed.

PI 539139. *Hordeum vulgare* L. POACEAE Barley

Donated by: Heyne, E.G., USDA-ARS, Kansas Agricultural Exp. Sta., Manhattan, Kansas, United States. **remarks:** Cooperatively developed with USDA-ARS and released on 18 October, 1973. Received January 30, 1990.

origin: United States. **cultivar:** KANBY. **pedigree:** Selection from a composite cross resulting from intercross of 18 winter cultivars. This composite received from USDA-ARS. A genetic male sterile factor was involved. **other id:** CIho 15493. **other id:** CV-141. **source:** Crop Sci. 15(1):97 1975. **group:** CSR-BARLEY. **other id:** KS 66217. **remarks:** 6-rowed, rough awned, feed type. Maturity midseason. Plants midtall. Spikes semi-lax, mid-length. Kernels white hulled with slightly wrinkled lemas, rachilla short haired and aleurone colorless. Straw length and strength varies from short and stiff to tall and moderately weak depending on the environment. "Winter hardiness similar to Will. Exceeds Will in test weight and yield, Low percentage of loose smut. Winter Annual. Cultivar. Seed.

PI 539140. *Hordeum vulgare* L. POACEAE Barley

Donated by: Bohlenblust, K.E., Wyoming Agricultural Exp. Sta., University of Wyoming, Laramie, Wyoming, United States. **remarks:** Released in 1978. Received January 30, 1990.