

PI 560135 to 560136-continued

PI 560136 **origin:** United States. **developed:** R.T. Lewellen, S.R. Temple. **origin institute:** Agricultural Research Service -- USDA, U.S. Agricultural Research Station, Salinas, California 93905 United States. **cultivar:** C31-89. **pedigree:** Selected from C31/6 for hybrid performance under BYV conditions. Germplasm base originally very wide with both European and curly top resistant USA sources. **other id:** Y31-89. **other id:** GP-139. **source:** Crop Sci. 32(5):1297 1992. **group:** CSR-SUGARBEET. **restricted:** CSR. **remarks:** Multigerm, self-sterile line similar to C31-43 for most traits. Tolerant to beet yellows virus (BYV) and beet western yellows virus. Moderately resistant to Erwinia root rot and powdery mildew (Erysiphe). Bolting resistant. Moderately susceptible to curly top virus. GCA for sugar yield good. Roots smooth. Beets extend above soil line. Per se performance very high, often superior to hybrids. Biennial. Breeding Material. Seed.

PI 560137. *Hordeum vulgare* L. subsp. *vulgare* POACEAE Barley

Donated by: May, K.W., Lethbridge Res. Sta.--Agriculture Canada, P.O. Box 3000, Main, Lethbridge, Alberta T1J 4B1, Canada. **remarks:** Bridge Barley. Received March 09, 1991.

origin: Canada. **developed:** K.W. May. **origin institute:** Lethbridge Res. Sta.--Agriculture Canada, P.O. Box 3000, Main, Lethbridge, Alberta T1J 4B1 Canada. **cultivar:** BRIDGE. **pedigree:** Zephyr/Hector (TR521)/2/Betzes/Pirolina (TR516)/3/5* Zephyr/Hector (TR521). **other id:** TR544. **other id:** CV-232. **group:** CSR-BARLEY. **remarks:** Two-rowed, hulled, spring feed variety suitable for growing in western part of the Canadian prairies. Combination of high yield potential, high test weight and large kernels. Moderate resistance to surface-borne smuts and common root rot. Spring Annual. Cultivar. Seed.

PI 560138. *Trifolium pratense* L. FABACEAE Red clover

Donated by: Quesenberry, K.H., Florida Inst. of Food and Agr. Science, University of Florida, Gainesville, Florida 32611-0152, United States. **remarks:** Cherokee Red Clover. Received March 09, 1991.