

PI 561404 to 561408-continued

PI 561408 **origin:** United States. **developed:** C.S. Davies, N.C. Nielsen. **origin institute:** Agricultural Research Service -- USDA United States. **cultivar:** L2L3-2-4. **pedigree:** Single seed selected from the F2 generation of BC2F2 (L2-less) X BC4F2 (L3-less) where BC2F2 and BC4F2 represent F2 plants of known genotype selected from the second and fourth backcross generations for lx2 and lx3, respectively. **other id:** GP-97. **source:** Crop Sci. 27(2):370 1987. **group:** CSR-SOYBEAN. **remarks:** Early backcross generations were selected for conformity to Century plant-type, maturity and phenotypic marker genes T, W, g, R, and i (4). Produced occasional off-types that exhibited late maturity, increased plant size and coarseness. Seeds were increased in the field at both West Lafayette and Puerto Rico. May contain 1-4% wild-type alleles due to outcrossing. Breeding Material. Seed.

PI 561409. *Hordeum vulgare* L. subsp. *vulgare* POACEAE Barley

Donated by: Ullrich, S.E., Washington Agr. Res. Ctr., Washington State University, Department of Crop & Soil Sciences, Pullman, Washington 99164-6402, United States; and Idaho Agr. Exp. Sta.; and Oregon Agr. Exp. Sta. **remarks:** Crest Barley. Received June 60, 1992.

origin: United States. **developed:** C.E. Muir, R.A. Nilan, S.E. Ullrich, J.A. Froseth, B.C. Miller. **origin institute:** Washington Agr. Res. Ctr., Washington State University, Department of Crop & Soil Sciences, Pullman, Washington 99164-6402 United States. **cultivar:** CREST. **pedigree:** Klages/2 WA8537-68. **other id:** CV-231. **source:** Crop Sci. 32(6):1506 1992. **group:** CSR-BARLEY. **other id:** WA8771-78. **restricted:** CSR. **remarks:** Two-row, mid-season, spring malting and feed barley. Height medium. Spikes lax nodding. Awns long, rough. Kernels mid-long and plump. Hulls slightly wrinkled, adhering. Veins prominent. Crease narrow to broad. Rachilla hairs long. Aleurone white. Widely adapted. Highest relative yield in areas where rainfall is less than 450mm. Test weight and plumpness over 40 location-years was 68kg hl-1 and 89%, respectively. Maturity averages 175 days from 1/1, two days earlier than Klages. Partial resistance to powdery mildew (*Erysiphe graminis*). Good malting and nutritional quality. Spring Annual. Cultivar. Seed.