

PI 562643 to 562645-continued

PI 562644 **origin:** United States. **developed:** R.L. Taylor. **origin institute:** Alaska Agr. Exp. Sta., Palmer, Alaska 99645 United States. **origin institute id:** 7111-67-18-57. **cultivar:** OTAL. **pedigree:** Otra (CI 11297)/1514-64. **other id:** BT 655. **remarks:** Early maturing, mid-tall, stiff-strawed, rough-awned, six-rowed, high yielding spring barley. In testing in Matanuska Valley in southcentral Alaska, averaged 4.2 days earlier in maturity than Edda, a longtime standard cultivar. Yield averaged 118% of Edda. Plants average 1.8 inches shorter than Edda. Equal in lodging resistance. Bushel weight averages 104% of Edda. Yield component averages show produces considerably more culms per unit area (129%), slightly heavier kernels (102%), and fewer kernels per culm (90%) in comparison with Edda. Spring Annual. Cultivar. Seed.

PI 562645 **origin:** United States. **developed:** R.L. Taylor. **origin institute:** Alaska Agr. Exp. Sta., Palmer, Alaska 99645 United States. **cultivar:** THUAL. **pedigree:** Otra (11297)/Unnamed hull-less line from Ireland. **other id:** 7411-69-70-15-2. **remarks:** Early maturing, mid-tall, moderately stiff-strawed, rough-awned, six-rowed, naked-kerneled (or hull-less) spring barley. In testing in Matanuska Valley of southcentral Alaska, averaged 1.1 days later in maturity than Edda, a longtime standard cultivar. Yield averaged 104% of Edda. Plants average .8 inch taller than Edda. Lodging resistance weak, but better than most hull-less material tested. Yield component averages show produces slightly more culms per unit area (10%), slightly lighter kernels, and more kernels per culm in comparison to Edda. Spring Annual. Cultivar. Seed.

PI 562646 to 562647. *Triticum aestivum* L., nom. cons. POACEAE Common wheat

Donated by: Ross, D.R., Alaska Plant Materials Center, HC 02 Box 7440, Palmer, Alaska 99645, United States. Received October 01, 1992.