

PI 564724 to 564726-continued

PI 564726 **origin:** Italy. **origin institute:** Istituto di Agronomia, Coltivazioni Erbacee, Universita degli Studi di Pisa, Pisa Italy. **cultivar:** OMBRONE. **remarks:** Released January 28, 1972. Cultivar. Seed.

PI 564727. X Triticosecale sp. POACEAE Triticale

Donated by: Kolding, M.F., Oregon Agr. Exp. Sta., 1910 SW 44, Pendleton, Oregon 97801-4221, United States. Received January 12, 1993.

origin: United States. **developed:** M.F. Kolding. **origin institute:** Oregon Agric. Exp. Station, 1910 SW 44, Pendleton, Oregon 97801 United States. **origin institute id:** FT91050. **source history:** Original breeder R.J. Metzger, retired, USDA-ARS, AES-OSU, Corvallis, Oregon, 97331-2201. **cultivar:** BOB. **pedigree:** Daws/Antelope/A-876 ('Jenkins'). **other id:** 8046. **other id:** M81-8046. **remarks:** Mid-tall, stiff-strawed, prostrate winter-habit. Neck glabrous. Spike oblong, lax, inclined persistent to 1% erect. Glume white, glabrous, mid-long, narrow, shoulder narrow, oblique. Beak narrow acuminate. Kernel brown, mid-long, soft, elliptical. Germ mid-size. Crease mid-wide, mid-deep. Cheeks rounded. Brush large, long. Very limited establishment of pseudomonas or xanthomonas bacteria. General resistance to BYDV, Pseudomonas, Xanthomonas, foliar and root diseases. Breeding Material. Seed.

PI 564728 to 564737. Hordeum vulgare L. POACEAE Winter barley

Donated by: Kolding, M.F., Oregon Agr. Exp. Sta., 1910 SW 44, Pendleton, Oregon 97801-4221, United States. Received January 12, 1993.

* PI 564728 Hordeum vulgare L. subsp. vulgare POACEAE Winter barley
origin: United States. **developed:** M.F. Kolding. **origin institute:** Oregon Agric. Exp. Station, Pendleton, Oregon United States. **origin institute id:** FB73216-006. **pedigree:** Alpine/Belts. 69-738, Jotun/4* Hudson. **remarks:** Winter, stiff-straw, mid-short, mid-late. Spike-lax, six-row, rough awned. Basal rachis short, straight. Collar mixed, open/closed. Glume awn normal. Rachis edge normal long hairs. Kernel covered, white. Aleurone blue. Lemma hairs wanting. Rachilla short-haired, normal. Rachis tends to be brittle. Good BYDV, soil borne disease tolerance. Adapted to irrigation. Breeding Material. Seed.