

PI 564789 to 564822. *Triticum aestivum* L., nom. cons. POACEAE Common wheat

Donated by: Kolding, M.F., Oregon Agr. Exp. Sta., 1910 SW 44, Pendleton, Oregon 97801-4221, United States. Received January 29, 1993.

PI 564789 **origin:** United States. **developed:** M.F. Kolding. **origin institute:** Oregon Agric. Exp. Station, Columbia Basin AREC, Pendleton, Oregon United States. **origin institute id:** FW741037-006. **pedigree:** OR65116/McDermid/2/Cama/3/FW72001/ISRN-1342, POL. **remarks:** Winter, medium height. Spike awned, lax, linear-fusiform, inclined. Glume glabrous, mid-long. Shoulder mid-wide, rounded. Beak mid-wide, acuminate, 3-5mm long. Kernel dark-brown, mid-long, soft, elliptical. Germ mid-size. Brush small, short. Crease mid-wide, shallow. Cheek rounded. Rachilla short hairs at node edges. Good tolerance to root diseases and BYDV. Excellent long-term grain yield. Poor baking and milling quality. Medium cold hardiness. Winter Annual. Breeding Material. Seed.

PI 564790 **origin:** United States. **developed:** M.F. Kolding. **origin institute:** Oregon Agric. Exp. Station, Columbia Basin AREC, Pendleton, Oregon United States. **origin institute id:** FW75344-105. **pedigree:** Yamhill/McDermid/2/Triticum spelta var. Album/3/Suwon 92/Roedel/4/Sel. 23/Reibesel/3/Nugaines/FW71001/2/Reibesel. **remarks:** Medium height, winter. Spike awned, lax, linear-fusiform, erect. Glume glabrous, mid-long, mid-wide. Shoulder narrow, elevated. Beak acuminate, 5-10mm long. Awns white. Kernel red, hard, mid-long, elliptical. Germ small. Crease narrow, shallow. Cheeks rounded. Brush small, short. Rachilla edge hairs short. Good root disease and BYDV tolerance. Bread loaf volume below tolerances. Good winter survival. Winter Annual. Breeding Material. Seed.

PI 564791 **origin:** United States. **developed:** M.F. Kolding. **origin institute:** Oregon Agric. Exp. Station, Columbia Basin AREC, Pendleton, Oregon United States. **origin institute id:** FW771595-G305. **pedigree:** OR67109/Froid/2/Pullman Sel. 101/FW71002. **remarks:** Mid-season, mid-height, winter. Spike awned, lax, oblong, erect. Glume cream, glabrous, mid-long, wide. Shoulder narrow, oblique. Beak narrow, acuminate, 2-4mm long. Kernel soft, brown-light tinge of purple, mid-short, tend to ovate. Germ large. Crease narrow, shallow. Cheek rounded. Brush mid-size, mid-long. Excellent tolerance to BYDV, root diseases. Fair baking quality. Good winter survival. Winter Annual. Breeding Material. Seed.