

- PI 561029 **origin:** United States. **developed:** R.E. Allan. **origin institute:** USDA-ARS/Washington Agric. Exp. Station, Washington State University, 209 Johnson Hall, Pullman, Washington 99164-6420 United States. **origin institute id:** WA 7665. **pedigree:** Tyee//Cappelle Desprez/Tres. **other id:** A8825. **remarks:** 1 gene (Rht2) semidwarf winter wheat with compact white glume-awnless spikes & soft white kernels. 3cm shorter than Tres. T. wt. 23g L-1 lower than Tres. Heads 1 day earlier than Tres. Tested in 18 Western Reg. SWW tests (1989-90). Moderate resist. to strawbreaker foot rot. Seedling resist. to CDL-1, 20, 41 of *P. striiformis*. Suscept. to leaf & stem rust. Resist. to Sept. nodorum. Less coldhardy than Tres. Club wheat quality satisfactory yet sometimes questionable sponge cake score & cookie diameter. Winter Annual. Breeding Material. Seed.
- PI 561030 **origin:** United States. **developed:** R.E. Allan, G.L. Rubenthaler, C.F. Morris, R.F. Line. **origin institute:** Agricultural Research Service -- USDA, Washington State University, 209 Johnson Hall, Pullman, Washington 99164-6420 United States. **origin institute id:** WA 7666. **pedigree:** VPM/Moisson 951//CI13438. **other id:** A8815. **other id:** GP-356. **group:** CSR-WHEAT. **restricted:** CSR. **remarks:** Standard ht., white chaff-bearded, common winter wheat with soft white kernels. Tested in Western Reg. SWW Nursery (1989 -1990). Heading date mid-late. Plant 25% taller than Nugaines. Has Pchl gene for strawbreaker foot rot resist. Mod. to intermediate seedling resist. to CDL-1, 20, 41 of stripe rust & field resist. to stripe rust & leaf rust. Suscept. to septoria glume & leaf blotch. Milling score, cookie diameter & sponge cake volume satisfactory. Viscosity high. Winter Annual. Breeding Material. Seed.
- PI 561031 **origin:** United States. **developed:** R.E. Allan. **origin institute:** USDA-ARS/Washington Agric. Exp. Station, Washington State University, 209 Johnson Hall, Pullman, Washington 99164-6420 United States. **origin institute id:** WA 7625. **pedigree:** VPM/Moisson 951//2\*Hill81. **other id:** A8725. **remarks:** 1 gene (Rht1) semidwarf, white glume-bearded spike winter wheat with soft white kernels. Has Pchl gene for resist. to strawbreaker foot rot. Resist. to prevalent races of pathogens causing stripe rust, leaf rust, & stem rust. Heads 2 days later than Nugaines. Sib of Madsen. Tested in Western Reg. SWW Nursery (1988-1989). Milling score, flour yield, absorption & sponge cake volume higher than Nugaines & Stephens. Cookie diameter sometimes smaller, Udon noodle rating lower, and viscosity higher than Nugaines, & Stephens. Winter Annual. Breeding Material. Seed.