

May 30, 2004

**Application to WSCIA for certification of a SWW wheat, PARKER**

**Variety description:** Soft white winter wheat. Semi-dwarf, awned, of early season maturity with white straw and white-brown glumes. Variety is adapted to the higher production zones of north-central and central Washington as a replacement for Eltan. Variety has improved straw strength and resistance to eyespot, with moderate snowmold tolerance and good winter survival.

1. Variety is an Eltan backcross of an Eltan/Madsen cross.
2. This variety is probably adapted to the higher production zones of north-central and central Washington. In 2003, this variety yielded 99% of Eltan in Okanogan Co., 107% of Eltan at Waterville, 120% of Eltan at Wilbur and 106% of Eltan at Almira.
3. This variety is shorter than Eltan and has excellent straw strength with white-brown glumes. Heads are similar to Eltan but the plant is shorter, more erect and compact than Eltan. No plant variants of significance have been observed.
4. Seed color, size and morphology similar to Eltan.
5. Moderate tolerance to snowmold and leaf rust. Unknown sensitivity to insects.
6. Seed stocks will be maintained from the current Foundation increase. Registered and Certified seed classes will be the only seed classes commercially available.