

May 30, 2004

Application to WSCIA for certification of a SWW wheat, GEO

Variety description: Soft white winter wheat. Semi-dwarf, awned, of early to mid-season maturity with white straw and white-brown glumes. Variety is adapted to north-central and central production areas of Washington State as a replacement for Eltan. Variety has improved straw strength and resistance to eyespot. 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 north-central and central production areas of Washington. In 2003, this variety yielded 106% of Eltan in Okanogan Co., 124% of Eltan at Waterville, 124% of Eltan at Wilbur and 101% of Eltan at Almira.
3. This variety is of similar height to Eltan but with white-brown glumes. Heads are of a similar size and appearance to Eltan, but plants are more erect and compact. No plant variants of significance have been observed.
4. Seed color and morphology similar to Eltan but somewhat smaller in size.
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 classes commercially available.