

“Keldin”
Exp # ACS 55017

Hard Red Winter Wheat

August 2011

Description for Crop Improvement

‘**Keldin**’ is a semi-dwarf, hard red winter wheat developed by Pflanzenzucht Oberlimpurg (Dr. Peter Franck) of Germany, and licensed to WestBred, a Unit of Monsanto, for testing and release in the PNW. Keldin is MR to the current races of stripe rust prevalent in the Pacific Northwest.

Keldin is a medium late, common, hard red winter wheat. The juvenile plant growth is prostrate and the plant color at boot stage is blue-green. The leaves at boot stage are erect and twisted. The stem is hollow with a waxy bloom and stem anthocyanin is absent. Anthocyanin is absent in the auricle. The head is awned, mid-dense, strap in shape and erect at maturity. The glumes are white at maturity, mid-long and mid-wide, with an acuminate beak and have an oblique shoulder. The seed is elliptical shaped with rounded cheeks. The brush is large-sized with medium length hairs and is not collared. The seed is red and hard. The germ is mid-sized, the cheeks are rounded and the crease is mid-wide and shallow.

A tall variant that is 1-2 heads taller may occur at a frequency of up to 25 plants per 10,000 plants. A white seed variant may occur at a frequency of up to 30 seed per 10,000 seed. Otherwise, no other variants are known to occur and **Keldin** is a stable and uniform variety in appearance and performance over several generations and growing conditions.

Application to the Plant Variety Protection will be made for **Keldin** and the Title IV option will be chosen.