

# **“Waikea”**

**(Exp. # BZ 998-447WP)**

## ***Hard White Spring Wheat***

### Description for Crop Improvement

“Waikea” is a hard white spring wheat derived from the cross Spillman/WestBred 906R. This line is best adapted to the high rainfall areas of the PNW. BZ 998-447WP is a one gene semi-dwarf averaging 37 inches tall. It has shown excellent tolerance to the Hessian fly and is resistance to the prevalent races of stripe rust and mildew. BZ 998-447WP tests low for PPO and has good alkaline noodle color.

“Waikea” is a taller semi-dwarf, hollow stemmed, hard white spring wheat. The head is strap shaped, mid-dense, awned and slightly inclined at maturity. The plant color is green and the leaves and stem have a slight waxy coating. The chaff color is white. The glume is acuminate and the shoulders are elevated. The seed is white and ovate with angular cheeks. The brush is large with long hair and not collared. The embryo is mid-sized, the crease is mid-wide and mid-deep.

Variants known to occur are: a taller plant (one to two heads taller) at a frequency of up to 4/10,000 plants and a red seed may occur at a frequency of up to .18 % (18/10,000 seed). Otherwise, no other variants are known to occur and “Waikea” is a stable and uniform variety in appearance and performance.

Application to the Plant Variety Protection will be made for “Waikea” and the Title IV option will not be chosen.

