

## **WB9879CLP**

**(Exp. # MT0608-79)  
Hard Red Spring Wheat**

September 2010

### Description for Crop Improvement

WB9879CLP, exp # MT0608-79, is a hard red spring wheat developed by Montana State University by backcrossing two genes for Imazamox resistance into the variety Choteau. WB9879CLP is licensed to WestBred for marketing. It is anticipated that this variety will be marketed in the dryland and irrigated areas of Montana and Western North Dakota. WB9879CLP has a solid stem and is tolerant to the wheat stem sawfly, similar to the variety Choteau. Milling and baking characteristics of WB9879CLP show it to be a good quality ✓ hard red spring wheat, similar to Choteau.

WB9879CLP is a medium maturity, one gene semi-dwarf, with solid stems. 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 waxy bloom. The chaff color is white. The glume is acuminate and the shoulders are elevated. The seed is hard and red and elliptical in shape with rounded cheeks. The brush is large with long length hair and not collared. The embryo is medium-sized, and the crease is mid-wide and shallow.

Variants that may occur are: a taller plant (one to two heads taller) at a frequency of up to .3% (30/10,000 plants). Also, a white seed may occur at a frequency of up to .18 % (18/10,000 seed). Otherwise, no other variants are known to occur and WB9879CLP is a stable and uniform variety in appearance and performance.

Application to the Plant Variety Protection will be made for WB9879CLP and the Title IV option will be chosen.

JUN 2010