

WB-Fuzion

(Exp. # BZ901-717)

Hard Red Spring Wheat

September 2008 (updated December 2010)

Description for Crop Improvement

WB-Fuzion (Experimental # BZ901-717) is a hard red spring wheat developed by WestBred, a unit of Monsanto; from the cross of Hank/McNeal. WB-Fuzion has intermediate tolerance to the Hessian fly, but can be moderately susceptible to the current races of stripe rust in the PNW. Milling and baking characteristics of WB-Fuzion show it to be a good quality, hard red spring wheat.

WB-Fuzion is a medium maturity, one gene semi-dwarf, hollowed stemmed, hard red spring wheat. The head is strap shaped, mid-dense, awned and slightly inclined at maturity. The plant color is blue-green and the leaves and stem have a waxy bloom. The chaff color is red. The glume is acuminate and the shoulders are square. The seed is hard and red and ovate with rounded cheeks. The brush is large with medium length hair and not collared. The embryo is large, and the crease is narrow and shallow.

Variants known to occur are: a taller plant (one to two heads taller) at a frequency of up to .1% (10/10,000 plants), a white chaffed plant at a frequency of up to .01% (1/10,000 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 WB-Fuzion is a stable and uniform variety in appearance and performance.

Application to the Plant Variety Protection will be made for WB-Fuzion and the Title IV option will not be chosen.

