

# **“WB-Idamax”**

**(Exp. # BZ904-336WP)**

**Hard White Spring Wheat**

PVP  
10-27-11

**September 2009**

## Description for Crop Improvement

“WB-Idamax”, experimental # BZ904-336WP, is a low PPO, hard white spring wheat developed by WestBred, LLC from the cross of Snow Crest/Waikea. It is anticipated that this variety will be marketed in the irrigated areas of ID, MT and the higher rainfall areas of western North Dakota. BZ904-336WP is not tolerant to the Hessian fly, but has good resistance to the current races of stripe rust in the PNW. Milling and baking characteristics of “WB-Idamax” show it to be a good quality hard white spring wheat.

“WB-Idamax” is a medium maturity, one gene semi-dwarf, hollowed stemmed, hard white 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 white. The glume is acuminate and the shoulders are oblique. The seed is hard and white and ovate with rounded cheeks. The brush is large with medium length hair and not collared. The embryo is mid-sized, 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), an awn-less plant at a frequency of up to .01% (1/10,000 plants) and a red chaffed plant at a frequency of up to .005% (5/100,000). Also, 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 “WB-Idamax” is a stable and uniform variety in appearance and performance.

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



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