

“WB 1020”
Exp # BZ6WM02-1020

Soft White Winter Wheat

Description for Crop Improvement

‘WB 1020’, BZ6WM02-1020, is a semi-dwarf, soft white winter wheat developed by WestBred, LLC from the cross “Cashup/3/Eltan//Daws/imi Fidel”. ‘WB 1020’ has 1 gene resistance to the herbicide Imazimox. ‘WB 1020’ is moderately resistant to the current races of stripe rust and leaf rust prevalent in the Pacific Northwest, and is moderately susceptible to powdery mildew.

‘WB 1020’ is a midseason, common, soft white winter wheat. The juvenile plant growth is semi-erect and the plant color at boot stage is green. The leaves at boot stage are recurved and twisted. The stem is hollow with a waxy bloom and stem anthocyanin is absent. The head is awned, mid-dense, oblong in shape and inclined at maturity. The glumes are light tan, acuminate and have a wanting shoulder. The seed is ovate shaped with angular cheeks. The brush is large with long length hairs and is not collared. The germ is mid-sized; the crease is mid-wide and mid-deep.

A tall variant that is 1-2 heads taller may occur at a frequency of up to 45 plants per 10,000 plants. Also, a red seed variant may occur at a frequency of up to 18 seed per 10,000 seed. Otherwise, no other variants are known to occur and ‘WB 1020’ 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 WB 1020 and the Title IV option will be chosen.

