

“WB-1070CL”

*Soft White Winter Wheat*

Description for Crop Improvement

‘WB-1070CL’, is a semi-dwarf, soft white winter wheat developed by WestBred from the cross “WB-528/imi Fidel (FS-4)”. ‘WB-1070CL’ has 1 gene for resistance to the herbicide Imazimox. ‘WB-1070CL’ is resistant to the current races of stripe rust and leaf rust prevalent in the Pacific Northwest.

‘WB-1070CL’ is an early to midseason, common, soft white winter wheat. The juvenile plant growth is prostrate and the plant color at boot stage is blue-green. The leaves at boot stage are erect and twisted. The stem is hollow with a waxy bloom and stem anthocyanin is absent. The head is awned, mid-dense, strap in shape and slightly inclined at maturity. The glumes are white, with an acute beak and have a square shoulder. The seed is ovate shaped with rounded cheeks. The brush is medium in size with medium length hairs and is not collared. The germ is medium in size and the crease is shallow and narrow.

A tall variant that is 1-2 heads taller may occur at a frequency of up to 20 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-1070CL’ 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-1070CL and the Title IV option will be chosen.

