

Item 16b.

Albion is a semi-dwarf, white chaffed, common soft white Winter wheat that seed is ovate, rounded and medium in length. The germ is mid-sized and not collared, the brush is medium in length and the crease is narrow and depth is shallow. Glumes are white with shoulder and beak apiculate in shape, and medium in length and width. Albion is similar to Madsen in height with better straw strength. The protein of Albion is lower than Madsen and Stephens and the test weights are lower than Madsen and higher than Stephens. Albion is resistant to Cephalosporium Stripe (*Cephalosporium gramineum*), tolerant to Stem Rust (*Puccinia graminis* f. sp. *tritici*), susceptible to Powdery Mildew (*Erysiphe graminis* f. sp. *tritici*) and intermediate on Leaf (Puccinia *recondita* f. sp. *tritici*) and Stripe Rust (*Puccinia striiformis*) that are present in the Pacific Northwest.

A tall variant (approximately one to two head length taller than the norm) occurs in Albion at the frequency of 5 per 10,000 plants. We are attempting to remove these variants through further head-rowing and purification however, this may not be possible due to the inherent genetic imbalances of the parentage.