

Common White Winter Varieties

Shatterproof, also known as Shatterproof Fortyfold or Eickmeyer's Fortyfold, is highly resistant to shattering. It has not yielded satisfactorily at Pullman, and was tested only one year each at Pomeroy and Walla Walla. The variety grows tall and is susceptible to bunt. Actually there are two varieties of Shatterproof, one with fuzzy chaff and the other with smooth chaff. The data in this report are for the latter variety.

No Name is a selection from a cross of Fortyfold X Federation. It has short stiff straw and has yielded fairly well at Walla Walla. It is only slightly more winter hardy than Federation and cannot be used for reseeding in the spring. The grain is very soft and white and generally low in test weight. It shatters less easily than Golden but more easily than Hymar. It is susceptible to bunt.

Athena has the same parentage as No Name but has somewhat harder and shorter kernels and shorter straw. It is superior to No Name in winter hardiness and in resistance to shattering. It is very low in test weight and is susceptible to bunt.

Requa, a soft white winter variety, has very weak straw. The plants may arch over enough so that the heads touch the ground. Consequently, if cut with a combine from the direction in which the plants are leaning, many of the necks are cut with the head below the cutter bar, resulting in considerable loss in yield. Requa is susceptible to nearly all races of bunt.

White Holland matures late and is not resistant to bunt. In addition to being low in test weight and yield, it winter kills easily.

Federation usually survives the mild winters common to the Walla Walla and other areas where the minimum temperatures of the surface soil usually do not fall below 14° F. Its popularity in fall-sown areas is mainly due to short stiff straw, moderate resistance to shattering, and to high yield when not severely winter injured. It is susceptible to nearly all races of bunt. The average test weights in fall and spring seedings are fairly low when compared with other commercial varieties.