

Genetic Improvement in Grain Protein Content for Bread Wheat of the NWPZ

Project Findings: Developed genetic resource rich in grain protein content and grain hardness with optimum grain size and yield levels. Evaluated several new combinations aimed to improve protein content and grain hardness in the back ground of high yield. Screening the F1's for quality traits and field selection of ear heads in F2 had resulted in promising F3 ear to head progenies. Investigated the role of grain size in protein-yield relationship and concluded that inverse relationship between yield and protein can be negated if population of very poor grain size is avoided.

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