

**PROJECT TITLE:** Evaluation of post-harvest seed dormancy of newly released barley varieties relative to Harrington.

**PROJECT LEADER:** D.M. Wichman Research Agronomist CARC Moccasin, MT

**PROJECT PERSONNEL:**

**OBJECTIVES:**

To evaluate the post harvest dormancy of new barley varieties which is used as an indicator of the potential for the barley varieties to cause volunteer barley in wheat in continuous crop systems.

**RESULTS:**

The study was not conducted. September – October work load, with labor available, did not permit completion of this study.

**SUMMARY:**

Past evaluations have indicated that: Metcalfe is similar to Harrington for speed of germination and level of post harvest seed dormancy ( almost nil). Haxby has a low level of seed dormancy, but not at the level of Gallatin, and is considered acceptable. The new malt variety Craft has exhibited post harvest dormancy levels that are of concern to producers using continuous crop systems.

**FUTURE PLANS:**

The post harvest dormancy will be evaluated as time permits.