

To: Montana Wheat and Barley Committee

From: Montana State University-Bozeman Agricultural Experiment Station Research Centers located at: Conrad, Havre, Huntley, Kalispell, Moccasin, and Sidney

Subject: 2011 Research Report on 'Evaluation of various materials and practices contributing toward economic crop production under flexible, continuous, and other cropping systems in Montana.'

Submitted is the 2011 Research report conducted by the Montana Experiment Stations Research Centers with funds received from the Montana Wheat and Barley Committee.

The main emphasis of research, with funding assistance from the Montana Wheat and Barley Committee, is to investigate various aspects of dryland continuous and/or flexible cropping systems as compared to crop-fallow systems; and the appropriateness of various materials and practices as components of cropping systems in general.

This report has been organized according to subject matter and not by location. Each report is complete within itself covering all aspects of management and addressing the impact of the growing season environment and other variables at that location.

All projects in the contract have been completed except for the regional spring wheat yield trials normally conducted by EARC which was not planted this past spring.

Variety trial data from this report and from previous reports starting in 2001 for barley, and starting in 2004 for spring and winter wheat can be accessed online using the [MSU Variety Selection Tool](#).