Submitted is the 2007 Report of Agricultural Research conducted by the Montana Agricultural Experiment Station at 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 traditional crop-fallow systems; and the appropriateness of various materials and practices as components of cropping systems in general.

This report has been bound according to subject matter and not by location in order that the reader may more easily refer to certain aspects of the research.

If there are scenarios where drought and/or hail during crop year 2007 affected research results for one or more components of a particular research project, the impacts are described in the written narrative for each such report.

A Crop Variety Selection Tool has been created utilizing data from this and previous Agricultural Research Center reports. This tool, which can be accessed at http://www.sarc.montana.edu/php/varieties.html, is currently being modified and improved, and will be updated as additional crop information is made available.