Submitted is the 2001 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.

Below normal rainfall in the Kalispell region during the 2001 growing season resulted in low amounts of natural disease inoculum. Therefore, disease ratings could not be recorded for the spring wheat and spring barley disease evaluation nurseries as planned. However, conditions were suitable for introduced TCK (Dwarf Bunt), and naturally occurring Pythium in all winter wheat nurseries.