

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: 2000 Agricultural Research Report

Submitted is the 2000 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.

Due to climatic conditions in the Kalispell region during the 2000 growing season, small amounts of natural disease inoculum were produced and disease infections were at very low levels. Thus, early generation hard red winter wheat, hard red and hard white spring wheat, and barley materials were not screened for disease as planned. Conditions were suitable for introduced TCK smut fungus tolerance screening among experimental winter wheat lines.