

TO: Montana Wheat and Barley Committee

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

SUBJECT: 1993 Agricultural Research Report

Submitted is the 1993 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.

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.

Safflower investigations on-station at Havre failed in 1993 due to shortened frost-free period and an abnormally cool growing season. Stand and vegetative production was excellent, but delayed flowering resulted in very little seed fill prior to fall frost.

Huntley's 1993 safflower investigations off-station at Broadview were rendered unharvestable by flooding and frost damage.

Moccasin's safflower investigations off-station at Geraldine failed due to shortened frost-free period, and were further damaged by hail.