

**MW & BC FUNDED RESEARCH PROJECTS (MSU)  
1969-70**

**TITLE:** Correlation of crop response to fertilizer additives with soil properties, soil test results, and climatic factors.

**INSTITUTION:** Montana State University

**DEPARTMENT:** Plant & Soil Sciences

**RESEARCHERS:** Jim Sims

**AMOUNT FUNDED:** \$16,000

**OBJECTIVES:**

Increase the level of activity in 1) improved laboratory tests for soil analysis for available P and K content; 2) development of feasible soil nitrate determination procedure; and 3) refinement of correlation between soil test and fertilizer response.

=====

**TITLE:** Improvement of spring and winter wheat varieties.

**INSTITUTION:** Montana State University

**DEPARTMENT:** Plant & Soil Sciences

**RESEARCHERS:** J. Allen Taylor

**AMOUNT FUNDED:** \$19,500

**OBJECTIVES:**

Continue activity in 1) winterhardiness, 2)rust resistance, and 3) short straw

=====

**TITLE:** Development of control measures for soil-borne diseases of wheat.

**INSTITUTION:** Montana State University

**DEPARTMENT:** Plant Pathology

**RESEARCHERS:** Don Mathre

**AMOUNT FUNDED:** \$7,500.

**OBJECTIVES:**

Determine the distribution of pathogens causing soil-borne disease of wheat, and develop practical control measures for these diseases.