



# MINNESOTA WHEAT

## RESEARCH & PROMOTION COUNCIL

**Crop Year 2026 Research Priorities:** Priority will be given to research proposals related to:

### **Spring Wheat Variety Development**

- Public breeding program support in Minnesota, North Dakota, and South Dakota
- Increasing the capacity of the University of Minnesota's breeding program
- Increasing the efficiency and productivity of regional public breeding programs

### **Spring Wheat Production**

- Fertility management
  - N management to economically maximize yield and protein content
  - P, K, S and other nutrient management strategies Seeding rates
- Variety selection
- Crop rotation
  - Impact on production and profitability of wheat and other crops in a rotation plan
  - Impact on weed control and soil health for wheat and other crops in a rotation plan
- Crop protection
  - Disease management, with priority given to the management of Fusarium head blight and bacterial leaf streak
  - Pest management
- Site specific management
  - Altering production practices for specific soil types or environments within a field
- Residue management and reduced tillage practices
- Baling wheat straw after harvest
  - Impact on soil health and fertility
  - Commercial value of wheat straw

### **MN Wheat Disease Survey**

- Continuing the annual wheat disease survey throughout MN in collaboration with NDSU

### **Environmental Quality and Soil Health**

- Incorporating cover crops into spring wheat production using current production systems
- Understanding the role of spring wheat for improving soil health
- Incorporating conservation tillage into systems including spring wheat
- Protecting or improving soil water quality in spring wheat rotations
- Reducing nutrient and water runoff in spring wheat rotations
- Reducing soil erosion in spring wheat rotations

### **Wheat Quality and Utilization**

- Wheat, flour and final product quality of Hard Red Spring wheat
- New uses of Hard Red Spring kernels, straw or by-products of food processing

**Note: For multi-crop research proposals, list funding requests from related organizations.**

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