Crop Management

- Montana Barley Production Guide
- Montana Wheat Production Guide
- Montana Cool-season Pulse Production Guide
- Establishing a Successful Alfalfa Crop
- Salinity and Sodicity Management
- Using Growing Degree Days to Predict Plant Stages
- Swath/Windrow Grazing: an Alternative Livestock Feeding Technique
- Camelina Production in Montana
- Forage Establishment Wyoming

Nutrient Management

- Nutrient Management Modules
  - Soil Sampling and Laboratory Selection
  - Plant Nutrition and Soil Fertility
  - Nitrogen Cycling, Testing and Fertilizer Recommendations
  - Phosphorus Cycling, Testing and Fertilizer Recommendations
  - Potassium Cycling, Testing, and Fertilizer Recommendations
  - Secondary Macronutrients: Cycling, Testing and Fertilizer Recommendations
  - Micronutrients: Cycling, Testing and Fertilizer Recommendations
  - Soil pH and Organic Matter
  - Plant Nutrient Functions and Deficiency and Toxicity Symptoms
  - Commercial Fertilizers and Soil Amendment
  - Fertilizer Placement and Timing
  - Water Quality Considerations and Regulations
  - Manure and Biosolids: Regulation and Management
  - Technological Advances in Nutrient Management
  - Sustainable Agriculture
- Fertilizer Guidelines for Montana Crops
- Nutrient Management in No-till and Minimum Till Systems
- Enhanced Efficiency Fertilizers
- Nutrient Uptake and Timing by Crop: to assist with fertilizing decisions
- Practices to Increase Wheat Grain Protein
- Factors Affecting Nitrogen Fertilizer Volatilization
- Management to Minimize Nitrogen Fertilizer Volatilization
- Soil Nutrient Management for Forages: N
- Soil Nutrient Management for Forages: P, K, S and micronutrients
- Soil Nutrient Management for Canola
- Interpretation of Soil Test Reports for Agriculture
- Developing Fertilizer Recommendations for Agriculture
- Soil Sampling Strategies
- Practices to Minimize Nitrate Leaching
- Can I Afford to Apply N to My Crop this Year?
## Pest Management

**Pesticides/herbicides**

- **Assessing Pesticide Toxicity**  
  MT200810AG
- **Pesticide labels**  
  MT199720AG
- **Getting the Most from Soil-applied Herbicides**  
  MT200405AG
- **Preventing and Managing Herbicide-resistant Weeds in Montana**  
  MT200506AG

### Small grains

- **Small Grain Seed Treatment Guide**  
  MT199608AG
- **Cereal Leaf Beetle**  
  MT201604AG
- **Pathogenic Nematodes of Wheat and Barley**  
  MT200801AG
- **Fusarium Head Blight (scab) of Wheat and Barley**  
  MT200806AG
- **Cereal Viruses of Importance in Montana**  
  MT200911AG
- **Fungal, Bacterial, and Physiological Leaf Diseases of Cereal Crops (wheat, durum, barley)**  
  MT200913AG
- **Small Grain Root and Crown Diseases**  
  MT201007AG
- **Guide to Head Diseases in Wheat and Barley In Montana**  
  WEB003
- **Cereal Growth Stages**  
  FAR NZ
- **Integrated pest management of Wheat Stem Sawfly in ND**  
  ND

### Other

- **Diseases of Cool Season Legumes (pulse crops: dry pea, lentil and chickpea)**  
  EB 0207
- **Jointed Goatgrass Introduction**  
  EB4458
- **Jointed Goatgrass Ecology**  
  EB4497
- **Aphids of Economic Importance in Montana**  
  MT200503AG
- **Pale Western and Army Cutworms in Montana**  
  MT200005AG
- **Integrated Weed Management in Lentils**  
  MT201009AG
- **Cheatgrass: Identification, Biology and Integrated Management**  
  MT200811AG
- **Glyphosate-resistant Kochia in Montana**  
  4602
- **Weed Seedbank Dynamics & Integrated Management of Agricultural Weeds**  
  MT200808AG

## Soil and Water Management

**Soil and Water Management Modules**  
MT200811AG

- **Basic Soil Properties**  
  4481-1
- **Salinity and Sodicity Management**  
  4481-2
- **Managing for Soil Erosion**  
  4481-3
- **Water and Solute Transport in Soils**  
  4481-4
- **Plant Water Relations**  
  4481-5

### Wind Erosion USDA

- **A History of USDA-ARS Wind Erosion Research**  
  Bauder et al.
- **Principles of Wind Erosion and its Control**  
  Univ Neb, Lincoln
- **Methods for Controlling Wind Erosion**  
  CO XCM-177

**Assessing the Suitability of Water (quality) for Irrigation – Salinity and Sodium**  

**Irrigation Management**  

**Best Management Practices for Agricultural Pesticide Use to Protect Water Quality**  

**Univ Neb, Lincoln**  

**CO XCM-177**