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
- 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
- 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
- Pesticide labels
- Getting the Most from Soil-applied Herbicides
- Preventing and Managing Herbicide-resistant Weeds in Montana

Small grains
Small Grain Seed Treatment Guide
Cereal Leaf Beetle
Pathogenic Nematodes of Wheat and Barley
Fusarium Head Blight (scab) of Wheat and Barley
Cereal Viruses of Importance in Montana
Fungal, Bacterial, and Physiological Leaf Diseases of Cereal Crops (wheat, durum, barley)
Small Grain Root and Crown Diseases
Guide to Head Diseases in Wheat and Barley In Montana
Cereal Growth Stages
Integrated pest management of Wheat Stem Sawfly in ND

Other
Diseases of Cool Season Legumes (pulse crops: dry pea, lentil and chickpea)
Jointed Goatgrass Description
Aphids of Economic Importance in Montana
Pale Western and Army Cutworms in Montana
Integrated Weed Management in Lentils
Cheatgrass: Identification, Biology and Integrated Management
Glyphosate-resistant Kochia in Montana
Weed Seedbank Dynamics & Integrated Management of Agricultural Weeds

Soil and Water Management
Soil and Water Management Modules
  Basic Soil Properties
  Salinity and Sodicity Management
  Managing for Soil Erosion
  Water and Solute Transport in Soils
  Plant Water Relations

Wind Erosion USDA
  Principles of Wind Erosion and its Control
  Methods for Controlling Wind Erosion

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

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