

# MSU Extension Range Management Institute

May 2014 – Miles City, Montana

## AGENDA

*Tuesday, May 6*

### Day 1: Rangeland Plant and Animal Ecology, Grazing Management

8:00 – 8:30	<i>Gathering Time</i>
8:30 – 9:00	Pre-Test, Welcome and Introductions, Logistics
9:00 – 9:45	What Are Rangelands?
9:45 – 10:30	Plant Growth and Development
10:30 – 10:45	<i>Break</i>
10:45 – 11:30	Range Ecology 101
11:30 – 12:15	Estimating Initial Stocking Rate
12:15 – 1:15	<i>Lunch on your own</i>
1:15 – 2:00	Web Soil Survey for Stocking Rates
2:00 – 2:45	Work Period
2:45 – 3:30	Grazing Animal Behavior
3:30 – 3:45	<i>Break</i>
3:45 – 4:30	Principles of Grazing Management
4:30 – 5:30	Grazing Systems
5:30	Wrap-Up & Adjourn



**MONTANA**  
STATE UNIVERSITY

EXTENSION

# MSU Extension Range Management Institute

May 2014 – Miles City, Montana

## AGENDA

*Wednesday, May 7*

**Day 2:            Grazing Management and Monitoring**

- |               |   |
|---------------|---|
| 7:30 – 8:00   | <i>Gathering Time</i>   |
| 8:00 – 8:15   | Travel to Field Site  |
| 8:15 – 9:15   | Establishment & Grazing Management of Dryland & Irrigated Seeded Pastures   |
| 9:15 – 10:00  | Introduction to Monitoring <ul style="list-style-type: none"><li>Why Monitor?</li><li>Where to Monitor?</li><li>What to Monitor?</li><li>Intro to Field Tools</li></ul> |
| 10:00 – 10:15 | <i>Break</i>  |
| 10:15 – 11:00 | Range Plant Identification  |
| 11:00 – 11:45 | Clip and Weigh for Estimating Productivity  |
| 11:45 – 12:45 | <i>Lunch</i>  |
| 12:45 – 2:15  | Utilization Monitoring  |
| 2:15 – 3:00   | Photo Monitoring for Range Trend  |
| 3:00 – 4:45   | Ranch Site Visits and Discussion  |
| 4:45          | Wrap-up & Travel back to town   |



**MONTANA**  
STATE UNIVERSITY

EXTENSION

# MSU Extension Range Management Institute

May 2014 – Miles City, Montana

## AGENDA

*Thursday, May 8*

### **Day 3: Management for Rangeland Improvement and Multiple Uses**

- |               |  |
|---------------|--|
| 7:30 – 8:00   | <i>Gathering Time</i>                              |
| 8:00 – 9:15   | Grazing Animal Distribution Tools                  |
| 9:15 – 10:00  | Grazing Management after Drought or Wildfire       |
| 10:00 – 10:15 | <i>Break</i>                                       |
| 10:15 – 11:00 | Controlling Invasive Native Plants                 |
| 11:00 – Noon  | Targeted Livestock Grazing for Weed Control        |
| Noon – 1:00   | <i>Lunch on your own</i>                           |
| 1:00 – 2:00   | Livestock Grazing Relationships with Wildlife      |
| 2:00 – 2:30   | Brain Bin Topics and Future Programming Discussion |
| 2:30 – 3:00   | Post-test, Prizes, Wrap-up                         |
| 3:00          | <i>Adjourn and Travel Home</i>                     |



**MONTANA**  
STATE UNIVERSITY

EXTENSION