

MSU Extension Range Management Institute

July 2013 – Helena, Montana

AGENDA

Tuesday, July 23

Day 1: Rangeland Plant and Animal Ecology

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



MONTANA
STATE UNIVERSITY

EXTENSION

MSU Extension Range Management Institute

July 2013 – Helena, Montana

AGENDA

Wednesday, July 24

Day 2: Grazing Management and Monitoring

7:30 – 8:00	<i>Gathering Time</i>
8:00 – 8:45	Principles of Grazing Management
8:45 – 9:45	Grazing Systems
9:45 – 10:00	<i>Break</i>
10:00 – 11:00	Establishment & Grazing Management of Dryland & Irrigated Seeded Pastures
11:00 – 11:45	Introduction to Monitoring
	Why Monitor?
	Where to Monitor?
	What to Monitor?
	Intro to Field Tools
11:45 – 12:45	<i>Lunch on your own</i>
12:45 – 1:00	Travel to Field Site
1:00 – 1:45	Range Plant Identification
1:45 – 2:15	Clip and Weigh for Estimating Productivity
2:15 – 2:30	<i>Break</i>
2:30 – 4:00	Utilization Monitoring
4:00 – 4:45	Photo Monitoring for Range Trend
4:45 – 5:00	Travel back to town
5:00	Wrap-up & Adjourn



MONTANA
STATE UNIVERSITY

EXTENSION

MSU Extension Range Management Institute

July 2013 – Helena, Montana

AGENDA

Thursday, July 25

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