

**Why is the Land – Grant  
System Interested in  
Livestock Environmental  
Management Systems  
(EMS)?**

# The Emerging Understanding of EMS

- Best Practices
- Results Based

# Best Practiced Based EMS

- Scope of Systems
- Demonstration of Results
- Non – inclusive
- Social Contract

# Results Based EMS

- Practical Problem Solving
- Credibility with Environmental Interests
- Rationalization of Scope
- Social Contract

# Land Grants and Best Practice Versus Results Based Systems

- Education versus Prescription
- Community Based
- Third Party Certification
- Research, Education and Extension

# Environmental Management for Agriculture at a Crossroad

- Slide from Voluntary to Regulatory
- Government In the Factory
- Agriculture and the Problem
- Resources and Responsibility
- Alternative Results Based Approaches
- The End of the Best Practices Paradigm

# What are the Possible Features?

- Changed Role for USDA
- Changed Priorities of Interest Groups
- Greater Involvement of Land Grants
- Multi – Functionality for Agriculture
- Markets and Solutions
- Place and Rural Development