

## Project Summary:

This is a NRCS funded program involving a team of researchers, land managers and ranchers collaborating to develop new tools for more effective and efficient conservation and restoration of sagebrush steppe habitat in the Great Basin. With a decision upcoming for listing sage-grouse under the endangered species act, it is critical for land managers to apply best management practices based on sound research. This project will develop land manager decision support products to provide guidance about the pros and cons of implementing management practices on specific sites.

## Project Partners:

- ◆ The Nature Conservancy
- ◆ Eastern Oregon Agricultural Research Center
- ◆ USDA– Agricultural Research Service
- ◆ Oregon State University Extension Service
- ◆ Oregon University System Institute for Natural Resources

## Overall Project Objectives:

1. Group existing state and transition models according to similarity in response to climate and management actions for the major ecological sites within the Northern Great Basin sage-grouse range.
2. Synthesize current management practice literature in sagebrush steppe ecosystems.
3. Develop and test the efficacy of the grouped state and transition models to predict plant community response to management practices that improve sage-grouse habitat.
4. Develop products for land managers who will be applying management practices to sagebrush steppe ecosystems.

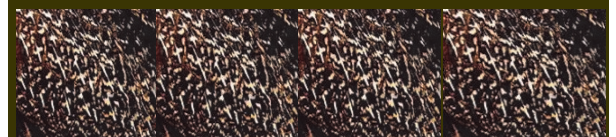


# Fact Sheet:

## Sage-Grouse Conservation: Linking Practices to Habitat Metrics

### *A Conservation Innovation Grant Project 2014*

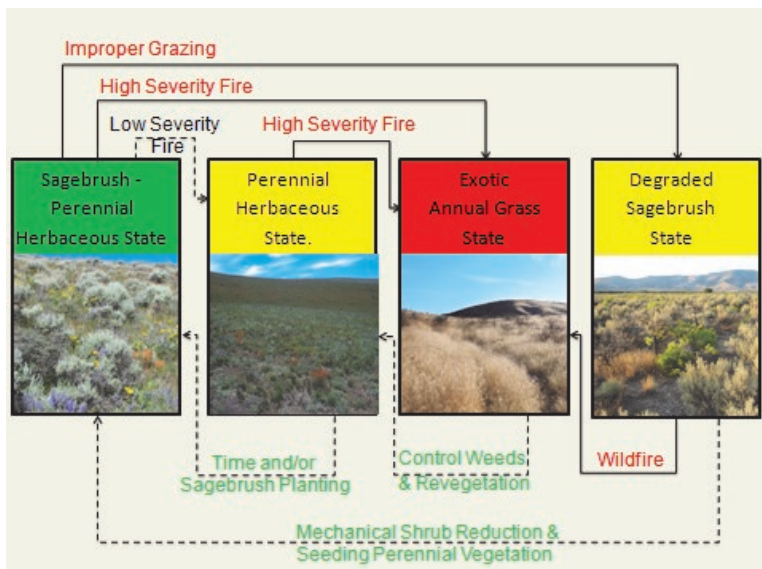
*“What is good for the land is  
good for the grouse.”*



## Anticipated Products and Availability:

- ⇒ Land manager's guide that links state and transition models to ecological site descriptions that are relevant to sagebrush steppe rangelands—early summer 2014
- ⇒ Land manager's guide to sagebrush steppe management practices—to provide information for making the best informed decisions for implementing successful conservation practices—late 2015
- ⇒ Workshop with sagebrush steppe and sage-grouse experts to gain information on knowledge gaps for management practices—spring 2014
- ⇒ Searchable database of management practices effectiveness in sagebrush steppe—fall 2014
- ⇒ Workshop for intended users of developed guidelines—early 2016

Example of Land Manager information to be developed...



Available now! View our video  
“Ecosystem Management for  
Sage-Grouse” at:

<http://oregonstate.edu/dept/EOARC/>

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**LINKING PRACTICES TO HABITAT METRICS**  
*A Conservation Innovation Grant Project*