



## 4-H Rangeland Project – Greentop

400.A-15(R-18)



### Resources:

- 4-H At Home on the Range Level 1(5311)
- 4-H Project Record Sheet 300 A-7 (R-18)

### Tips:

- Review the 4-H Project Record Sheet, and the Greentop 4-H Range Program to become familiar with the project before you begin.
- Review needed materials: Pen or pencil, field guides for living things (Mammals, birds, reptiles, amphibians, insects, trees, shrubs, flowers, grasses, etc....), study sites and aerial photography from the early 1900's and a recent year, and a local newspaper.
- Keep a log or journal of the activities you participate in which are related to these areas. This will make it easier to complete your record sheet at the end of the 4-H year.
- Complete your record sheet for the project.



The objective of the **4-H Range** project is to educate 4-H members about the species of grass, shrubs, wildflowers, and trees that are grown in rangelands. The project will help you determine the different types of rangeland and what grows in that ecosystem.

### In this project you will learn:

- To identify landscapes that could be called rangelands.
- To identify natural things needed for life to exist in range habitats.
- To know the water cycle in rangelands.
- To know the different grazers that live on a rangeland and learn the food chain and understand ruminant digestion.
- To understand the formation of rangeland ecosystems.
- To understand microclimates and how it is corrected to an ecological niche.
- To understand natural and unnatural disturbances to rangeland.
- To learn sustainable rangeland management practices.

### Suggested projects to continue rangeland knowledge:

- Get an expert to help you learn and evaluate the condition of rangelands figure a livestock-Stocking rate and determine beneficial land management practices.
- Participate in the pasture and range judging contest.
- Do community environmental projects that work with BLM, State Land Office, or Wildlife Refuges.



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