

## Stocking Rate Scenarios

**Duration:** 1 hour

**Group Size:** Variable (groups of 3 to 4 students)

**Setting:** Classroom

The purpose of this activity is to give students the opportunity to practice calculating forage supply and demand.

### Goals:

Students will:

1. Explore differences productivity among rangeland sites.
2. Learn how to calculate forage supply and demand.

### Materials Needed:

- Handout/Worksheet (3 different scenarios)
- Calculator

### Process:

- Put students in groups of 3 to 4 students per group (give groups different scenarios)
- Handout the worksheet with background information for each scenario
- Students will determine whether the stocking rate will need to be adjusted to obtain full use. Students will calculate forage supply and demand (Note: students may calculate total supply and demand in either lbs or AUMs)
- Go over the solutions to the problems in class.

### Variations:

- This activity could be spread out into 3 sessions. One scenario could be selected for each session. At the end of each session, the selected scenario could be discussed.