### Stocking Rate Scenarios

<table>
<thead>
<tr>
<th>Duration:</th>
<th>1 hour</th>
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</thead>
<tbody>
<tr>
<td>Group Size:</td>
<td>Variable (groups of 3 to 4 students)</td>
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<tr>
<td>Setting:</td>
<td>Classroom</td>
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</tbody>
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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.