

# Rangeland Productivity and Plant Composition

United States

[Only the soils that support rangeland vegetation suitable for grazing are rated. This report shows only the major soils in each map unit]

| Map symbol and soil name | Ecological site               | Total dry-weight production |              |                  | Characteristic vegetation  | Rangeland composition                   |
|--------------------------|-------------------------------|-----------------------------|--------------|------------------|--|---|
|                          |                               | Favorable year              | Normal year  | Unfavorable year |  |   |
|                          |                               | <i>Lb/ac</i>                | <i>Lb/ac</i> | <i>Lb/ac</i>     | <i>Pct</i>   |   |
| s1819:                   |                               |                             |              |                  |  |   |
| Arbone                   | LOAMY 13-16 ARTRV/PSSP6       | 1,800                       | 1,400        | 700              | Bluebunch wheatgrass<br>Mountain big sagebrush<br>Other perennial grasses<br>Antelope bitterbrush<br>Arrowleaf balsamroot<br>Lupine<br>Nevada bluegrass<br>Prairie junegrass | 30<br>10<br>10<br>5<br>5<br>5<br>5<br>5 |
| Arbone                   | ---                           | ---                         | ---          | ---              | ---  | ---                                     |
| Rexburg                  | ---                           | ---                         | ---          | ---              | ---  | ---                                     |
| Ridgecrest               | STEEP SLOPE 16-22 ARTRV/PSSP6 | 2,000                       | 1,500        | 800              | Bluebunch wheatgrass<br>Mountain big sagebrush<br>Antelope bitterbrush<br>Mountain brome<br>Slender wheatgrass   | 30<br>15<br>5<br>5<br>5                 |
| Hondoho                  | ---                           | ---                         | ---          | ---              | ---  | ---                                     |
| Hondoho                  | ---                           | ---                         | ---          | ---              | ---  | ---                                     |

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|                          |  | Favorable year              | Normal year | Unfavorable year |  |  |
|                          |  | Lb/ac                       | Lb/ac       | Lb/ac            |  | Pct                                    |
| s1819:                   |  |                             |             |                  |  |  |
| Hymas                    | SHALLOW JUNIPER BREAKS 13-16<br>JUOS/ARTRV/PSSP6 | 700                         | 500         | 250              | Bluebunch wheatgrass<br>Arrowleaf balsamroot<br>Utah juniper<br>Antelope bitterbrush<br>Longleaf hawksbeard<br>Mountain big sagebrush<br>Spiny phlox | 35<br>10<br>10<br>5<br>5<br>5<br>5     |
| Cedarhill                | ---  | ---                         | ---         | ---              | ---  | ---                                    |
| Lanoak                   | ---  | ---                         | ---         | ---              | ---  | ---                                    |
| Ririe                    | ---  | ---                         | ---         | ---              | ---  | ---                                    |
| Thatcher                 | ---  | ---                         | ---         | ---              | ---  | ---                                    |
| DeJarnet                 | LOAMY 11-13 ARTRT/PSSP6                          | 1,300                       | 800         | 500              | Bluebunch wheatgrass<br>Basin big sagebrush<br>Antelope bitterbrush<br>Arrowleaf balsamroot<br>Bottlebrush squirreltail                              | 45<br>15<br>5<br>5<br>5                |
| Pavohroo                 | MOIST MOUNTAIN LOAM 20+ POTR5                    | 2,500                       | 1,500       | 900              | Blue wildrye<br>Mountain brome<br>Common snowberry<br>Quaking aspen<br>Slender wheatgrass<br>Sticky geranium<br>Willow<br>Woods' rose                | 10<br>10<br>5<br>5<br>5<br>5<br>5<br>5 |