

# 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>  |
| s1848:<br>Aysees         | CALCAREOUS LOAM 7-10 ATCO-<br>ARSP5/ACHY-ACTH7 | 750                         | 450          | 300              | Shadscale saltbush<br>Thurber needlegrass<br>Bluebunch wheatgrass<br>Arrowleaf balsamroot<br>Big sagebrush<br>Bottlebrush squirreltail<br>Other perennial grasses<br>Other shrubs<br>Sagebrush<br>Sandberg bluegrass<br>Longleaf phlox<br>Other annual grasses<br>Lanceleaf yellowbrush<br>Longleaf hawksbeard | 30<br>15<br>10<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>3<br>3<br>2<br>2 |
| Garbutt                  | ---  | 750                         | 600          | 300              | Winterfat<br>Indian ricegrass<br>Other shrubs<br>Bottlebrush squirreltail<br>Other perennial forbs<br>Other perennial grasses  | 50<br>15<br>15<br>5<br>5<br>5   |

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|--------------------------|-------------------------|-----------------------------|--------------|------------------|---------------------------|-----------------------|
|                          |                         | Favorable year              | Normal year  | Unfavorable year |                           |                       |
|                          |                         | <i>Lb/ac</i>                | <i>Lb/ac</i> | <i>Lb/ac</i>     |                           |                       |
| s1848:                   |                         |                             |              |                  |                           | <i>Pct</i>            |
| Paniogue                 | LOAMY 8-12 ARTRW8/PSSP6 | 1,050                       | 700          | 500              | Bluebunch wheatgrass      | 30                    |
|                          |                         |                             |              |                  | Other perennial grasses   | 15                    |
|                          |                         |                             |              |                  | Wyoming big sagebrush     | 15                    |
|                          |                         |                             |              |                  | Thurber needlegrass       | 10                    |
|                          |                         |                             |              |                  | Bottlebrush squirreltail  | 5                     |
|                          |                         |                             |              |                  | Green rabbitbrush         | 5                     |
|                          |                         |                             |              |                  | Lupine                    | 5                     |
|                          |                         |                             |              |                  | Other perennial forbs     | 5                     |
|                          |                         |                             |              |                  | Other shrubs              | 5                     |
|                          |                         |                             |              |                  | Sandberg bluegrass        | 5                     |
| Buko                     | LOAMY 8-12 ARTRW8/PSSP6 | 1,000                       | 700          | 500              | Bluebunch wheatgrass      | 30                    |
|                          |                         |                             |              |                  | Big sagebrush             | 20                    |
|                          |                         |                             |              |                  | Thurber needlegrass       | 20                    |
|                          |                         |                             |              |                  | Other shrubs              | 10                    |
|                          |                         |                             |              |                  | Bottlebrush squirreltail  | 5                     |
|                          |                         |                             |              |                  | Lupine                    | 5                     |
|                          |                         |                             |              |                  | Other perennial forbs     | 5                     |
|                          |                         |                             |              |                  | Sandberg bluegrass        | 5                     |
| Mulett                   | ---                     | 900                         | 600          | 300              | Bluebunch wheatgrass      | 30                    |
|                          |                         |                             |              |                  | Low sagebrush             | 15                    |
|                          |                         |                             |              |                  | Sagebrush                 | 15                    |
|                          |                         |                             |              |                  | Other perennial forbs     | 10                    |
|                          |                         |                             |              |                  | Sandberg bluegrass        | 10                    |
|                          |                         |                             |              |                  | Arrowleaf balsamroot      | 5                     |
|                          |                         |                             |              |                  | Longleaf hawksbeard       | 5                     |
|                          |                         |                             |              |                  | Other perennial grasses   | 5                     |
|                          |                         |                             |              |                  | Thurber needlegrass       | 5                     |