

# 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 |                           |                       |
|                          |                 | Lb/ac                       | Lb/ac       | Lb/ac            |                           | Pct                   |
| s8053:                   |                 |                             |             |                  |                           |                       |
| Alhark                   | ---             | 1,100                       | 735         | 400              | Bluebunch wheatgrass      | 20                    |
|                          |                 |                             |             |                  | Wyoming big sagebrush     | 15                    |
|                          |                 |                             |             |                  | Needleandthread           | 10                    |
|                          |                 |                             |             |                  | Arrowleaf balsamroot      | 5                     |
|                          |                 |                             |             |                  | Black sagebrush           | 5                     |
|                          |                 |                             |             |                  | Bottlebrush squirreltail  | 5                     |
|                          |                 |                             |             |                  | Fourwing saltbush         | 5                     |
|                          |                 |                             |             |                  | Indian ricegrass          | 5                     |
|                          |                 |                             |             |                  | Nevada bluegrass          | 5                     |
|                          |                 |                             |             |                  | Other perennial forbs     | 5                     |
|                          |                 |                             |             |                  | Other shrubs              | 5                     |
|                          |                 |                             |             |                  | Sandberg bluegrass        | 5                     |
|                          |                 |                             |             |                  | Western wheatgrass        | 5                     |
|                          |                 |                             |             |                  | Winterfat                 | 5                     |
| Credo                    | ---             | 800                         | 600         | 400              | Indian ricegrass          | 30                    |
|                          |                 |                             |             |                  | Needleandthread           | 15                    |
|                          |                 |                             |             |                  | Wyoming big sagebrush     | 15                    |
|                          |                 |                             |             |                  | Bottlebrush squirreltail  | 10                    |
|                          |                 |                             |             |                  | Douglas rabbitbrush       | 5                     |
|                          |                 |                             |             |                  | Sandberg bluegrass        | 5                     |

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|                             |                 | Favorable<br>year           | Normal<br>year | Unfavorable<br>year |                            |                          |
|                             |                 | <i>Lb/ac</i>                | <i>Lb/ac</i>   | <i>Lb/ac</i>        |                            |                          |
| s8053:                      |                 |                             |                |                     |                            | <i>Pct</i>               |
| Hiko Peak family            | ---             | 1,650                       | 1,100          | 800                 | Birchleaf mountainmahogany | 15                       |
|                             |                 |                             |                |                     | Bluebunch wheatgrass       | 15                       |
|                             |                 |                             |                |                     | Indian ricegrass           | 15                       |
|                             |                 |                             |                |                     | Basin big sagebrush        | 10                       |
|                             |                 |                             |                |                     | Black sagebrush            | 10                       |
|                             |                 |                             |                |                     | Other shrubs               | 10                       |
|                             |                 |                             |                |                     | Bluegrass                  | 5                        |
|                             |                 |                             |                |                     | Nevada Mormon tea          | 5                        |
|                             |                 |                             |                |                     | Other perennial forbs      | 5                        |
|                             |                 |                             |                |                     | Other perennial grasses    | 5                        |
|                             |                 |                             |                |                     | Phlox                      | 5                        |
| Entmoot family              | ---             | 440                         | 295            | 205                 | Other shrubs               | 49                       |
|                             |                 |                             |                |                     | Other perennial grasses    | 38                       |
|                             |                 |                             |                |                     | Other perennial forbs      | 13                       |
| Kinghorn                    | ---             | 700                         | 525            | 210                 | Black sagebrush            | 25                       |
|                             |                 |                             |                |                     | Bluebunch wheatgrass       | 20                       |
|                             |                 |                             |                |                     | Bluegrass                  | 10                       |
|                             |                 |                             |                |                     | Mountain big sagebrush     | 10                       |
|                             |                 |                             |                |                     | Other perennial grasses    | 10                       |
|                             |                 |                             |                |                     | Antelope bitterbrush       | 5                        |
|                             |                 |                             |                |                     | Bottlebrush squirreltail   | 5                        |
|                             |                 |                             |                |                     | Indian ricegrass           | 5                        |
|                             |                 |                             |                |                     | Other perennial forbs      | 5                        |
|                             |                 |                             |                |                     | Other shrubs               | 5                        |

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|                             |                 | Favorable<br>year           | Normal<br>year | Unfavorable<br>year |                           |                          |
|                             |                 | <i>Lb/ac</i>                | <i>Lb/ac</i>   | <i>Lb/ac</i>        |                           |                          |
| s8053:<br>Agassiz           | ---             | 1,700                       | 1,100          | 600                 | Bluebunch wheatgrass      | 25                       |
|                             |                 |                             |                |                     | Other perennial grasses   | 20                       |
|                             |                 |                             |                |                     | Mountain big sagebrush    | 15                       |
|                             |                 |                             |                |                     | Antelope bitterbrush      | 10                       |
|                             |                 |                             |                |                     | Bluegrass                 | 10                       |
|                             |                 |                             |                |                     | Arrowleaf balsamroot      | 5                        |
|                             |                 |                             |                |                     | Indian ricegrass          | 5                        |
|                             |                 |                             |                |                     | Low sagebrush             | 5                        |
|                             |                 |                             |                |                     | Mountain snowberry        | 5                        |
|                             |                 |                             |                |                     | Other perennial forbs     | 5                        |
|                             |                 |                             |                |                     | Other shrubs              | 5                        |