

# 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>     |                           |                       |
| s7856:                   |                 |                             |              |                  |                           |                       |
| Knutsen                  | ---             | 1,000                       | 800          | 400              | Bluebunch wheatgrass      | 25                    |
|                          |                 |                             |              |                  | Mountain big sagebrush    | 25                    |
|                          |                 |                             |              |                  | Bluegrass                 | 15                    |
|                          |                 |                             |              |                  | Antelope bitterbrush      | 10                    |
|                          |                 |                             |              |                  | Needleandthread           | 5                     |
|                          |                 |                             |              |                  | Other perennial forbs     | 5                     |
|                          |                 |                             |              |                  | Other perennial grasses   | 5                     |
|                          |                 |                             |              |                  | Other shrubs              | 5                     |
|                          |                 |                             |              |                  | Phlox                     | 5                     |
| Wasatch                  | ---             | 1,400                       | 900          | 700              | Indian ricegrass          | 20                    |
|                          |                 |                             |              |                  | Needleandthread           | 15                    |
|                          |                 |                             |              |                  | Antelope bitterbrush      | 10                    |
|                          |                 |                             |              |                  | Other perennial forbs     | 10                    |
|                          |                 |                             |              |                  | Western wheatgrass        | 10                    |
|                          |                 |                             |              |                  | Arrowleaf balsamroot      | 5                     |
|                          |                 |                             |              |                  | Basin big sagebrush       | 5                     |
|                          |                 |                             |              |                  | Louisiana sagewort        | 5                     |
|                          |                 |                             |              |                  | Other perennial grasses   | 5                     |
|                          |                 |                             |              |                  | Other shrubs              | 5                     |
|                          |                 |                             |              |                  | Rubber rabbitbrush        | 5                     |
|                          |                 |                             |              |                  | Sand dropseed             | 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>        |                           | <i>Pct</i>               |
| s7856:                      |                 |                             |                |                     |                           |                          |
| Bingham                     | ---             | 1,000                       | 800            | 400                 | Bluebunch wheatgrass      | 25                       |
|                             |                 |                             |                |                     | Bluegrass                 | 15                       |
|                             |                 |                             |                |                     | Antelope bitterbrush      | 10                       |
|                             |                 |                             |                |                     | Needleandthread           | 5                        |
|                             |                 |                             |                |                     | Other perennial forbs     | 5                        |
|                             |                 |                             |                |                     | Other perennial grasses   | 5                        |
|                             |                 |                             |                |                     | Other shrubs              | 5                        |
|                             |                 |                             |                |                     | Phlox                     | 5                        |
| Kearns                      | ---             | 1,400                       | 1,200          | 700                 | Bluebunch wheatgrass      | 25                       |
|                             |                 |                             |                |                     | Mountain big sagebrush    | 15                       |
|                             |                 |                             |                |                     | Bluegrass                 | 10                       |
|                             |                 |                             |                |                     | Indian ricegrass          | 10                       |
|                             |                 |                             |                |                     | Antelope bitterbrush      | 5                        |
|                             |                 |                             |                |                     | Arrowleaf balsamroot      | 5                        |
|                             |                 |                             |                |                     | Bottlebrush squirreltail  | 5                        |
|                             |                 |                             |                |                     | Douglas rabbitbrush       | 5                        |
|                             |                 |                             |                |                     | Other perennial forbs     | 5                        |
|                             |                 |                             |                |                     | Other perennial grasses   | 5                        |
|                             |                 |                             |                |                     | Other shrubs              | 5                        |
|                             |                 |                             |                |                     | Western wheatgrass        | 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>        |                           |                          |
| s7856:                      |                 |                             |                |                     |                           | <i>Pct</i>               |
| Kidman                      | ---             | 1,400                       | 1,200          | 700                 | Bluebunch wheatgrass      | 25                       |
|                             |                 |                             |                |                     | Mountain big sagebrush    | 15                       |
|                             |                 |                             |                |                     | Indian ricegrass          | 10                       |
|                             |                 |                             |                |                     | Antelope bitterbrush      | 5                        |
|                             |                 |                             |                |                     | Arrowleaf balsamroot      | 5                        |
|                             |                 |                             |                |                     | Bluegrass                 | 5                        |
|                             |                 |                             |                |                     | Bottlebrush squirreltail  | 5                        |
|                             |                 |                             |                |                     | Douglas rabbitbrush       | 5                        |
|                             |                 |                             |                |                     | Other perennial forbs     | 5                        |
|                             |                 |                             |                |                     | Other perennial grasses   | 5                        |
|                             |                 |                             |                |                     | Other shrubs              | 5                        |
|                             |                 |                             |                |                     | Western wheatgrass        | 5                        |
| Preston                     | ---             | 1,400                       | 900            | 700                 | Indian ricegrass          | 20                       |
|                             |                 |                             |                |                     | Needleandthread           | 15                       |
|                             |                 |                             |                |                     | Antelope bitterbrush      | 10                       |
|                             |                 |                             |                |                     | Other perennial forbs     | 10                       |
|                             |                 |                             |                |                     | Western wheatgrass        | 10                       |
|                             |                 |                             |                |                     | Arrowleaf balsamroot      | 5                        |
|                             |                 |                             |                |                     | Basin big sagebrush       | 5                        |
|                             |                 |                             |                |                     | Louisiana sagewort        | 5                        |
|                             |                 |                             |                |                     | Other perennial grasses   | 5                        |
|                             |                 |                             |                |                     | Other shrubs              | 5                        |
|                             |                 |                             |                |                     | Rubber rabbitbrush        | 5                        |
|                             |                 |                             |                |                     | Sand dropseed             | 5                        |