

# 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>            |
| s5546:                   |                 |                             |              |                  |                           |                       |
| Gochea                   | ---             | 1,000                       | 800          | 600              | Bluebunch wheatgrass      | 25                    |
|                          |                 |                             |              |                  | Thurber needlegrass       | 20                    |
|                          |                 |                             |              |                  | Big sagebrush             | 15                    |
|                          |                 |                             |              |                  | Antelope bitterbrush      | 5                     |
|                          |                 |                             |              |                  | Arrowleaf balsamroot      | 5                     |
|                          |                 |                             |              |                  | Lupine                    | 5                     |
|                          |                 |                             |              |                  | Nevada bluegrass          | 5                     |
|                          |                 |                             |              |                  | Tapertip hawksbeard       | 5                     |
| Izar                     | ---             | 500                         | 350          | 250              | Black sagebrush           | 35                    |
|                          |                 |                             |              |                  | Indian ricegrass          | 15                    |
|                          |                 |                             |              |                  | Thurber needlegrass       | 15                    |
|                          |                 |                             |              |                  | Bluebunch wheatgrass      | 5                     |
|                          |                 |                             |              |                  | Bluegrass                 | 5                     |
|                          |                 |                             |              |                  | Bottlebrush squirreltail  | 5                     |
| Scalfar                  | ---             | 500                         | 350          | 200              | Black sagebrush           | 30                    |
|                          |                 |                             |              |                  | Bluebunch wheatgrass      | 20                    |
|                          |                 |                             |              |                  | Thurber needlegrass       | 20                    |
|                          |                 |                             |              |                  | Downy rabbitbrush         | 5                     |
|                          |                 |                             |              |                  | Indian ricegrass          | 5                     |
|                          |                 |                             |              |                  | Tapertip hawksbeard       | 5                     |
| Wicup                    | ---             | 1,000                       | 800          | 600              | Bluebunch wheatgrass      | 30                    |
|                          |                 |                             |              |                  | Wyoming big sagebrush     | 15                    |
|                          |                 |                             |              |                  | Nevada bluegrass          | 10                    |
|                          |                 |                             |              |                  | Bottlebrush squirreltail  | 5                     |
|                          |                 |                             |              |                  | Tapertip hawksbeard       | 5                     |
|                          |                 |                             |              |                  | Thickspike 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>        |  | <i>Pct</i>                          |
| s5546:                      |                 |                             |                |                     |  |                                     |
| Shalper                     | ---             | 500                         | 400            | 250                 | Bluebunch wheatgrass<br>Thurber needlegrass<br>Big sagebrush<br>Bluegrass<br>Antelope bitterbrush<br>Arrowleaf balsamroot<br>Tapertip hawksbeard | 20<br>20<br>10<br>10<br>5<br>5<br>5 |
| Fenelon                     | ---             | 700                         | 500            | 300                 | Black sagebrush<br>Bluebunch wheatgrass<br>Bluegrass<br>Indian ricegrass<br>Tapertip hawksbeard<br>Thurber needlegrass                           | 30<br>20<br>10<br>10<br>5<br>5      |
| Gumble                      | ---             | 800                         | 600            | 400                 | Bluebunch wheatgrass<br>Thurber needlegrass<br>Bluegrass<br>Webber ricegrass<br>Wyoming big sagebrush<br>Indian ricegrass                        | 20<br>20<br>10<br>10<br>10<br>5     |
| Kzin                        | ---             | 400                         | 300            | 150                 | Bluebunch wheatgrass<br>Indian ricegrass<br>Black sagebrush<br>Goldenweed<br>Pine bluegrass<br>Thickstem wildcabbage                             | 30<br>30<br>20<br>5<br>5<br>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>        |                           |                          |
| s5546:                      |                 |                             |                |                     |                           | <i>Pct</i>               |
| Akler                       | ---             | 800                         | 600            | 400                 | Bluebunch wheatgrass      | 30                       |
|                             |                 |                             |                |                     | Low sagebrush             | 20                       |
|                             |                 |                             |                |                     | Thurber needlegrass       | 20                       |
|                             |                 |                             |                |                     | Antelope bitterbrush      | 5                        |
|                             |                 |                             |                |                     | Balsamroot                | 5                        |
|                             |                 |                             |                |                     | Bluegrass                 | 5                        |
|                             |                 |                             |                |                     | Webber ricegrass          | 5                        |
| Anowell                     | ---             | 700                         | 500            | 300                 | Black sagebrush           | 30                       |
|                             |                 |                             |                |                     | Bluebunch wheatgrass      | 20                       |
|                             |                 |                             |                |                     | Bluegrass                 | 10                       |
|                             |                 |                             |                |                     | Indian ricegrass          | 10                       |
|                             |                 |                             |                |                     | Downy rabbitbrush         | 5                        |
|                             |                 |                             |                |                     | Thurber needlegrass       | 5                        |