

# 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>            |
| s5536:                   |                 |                             |              |                  |                           |                       |
| Enko                     | ---             | 800                         | 600          | 400              | Bluebunch wheatgrass      | 20                    |
|                          |                 |                             |              |                  | Indian ricegrass          | 15                    |
|                          |                 |                             |              |                  | Thurber needlegrass       | 15                    |
|                          |                 |                             |              |                  | Wyoming big sagebrush     | 15                    |
|                          |                 |                             |              |                  | Basin wildrye             | 10                    |
|                          |                 |                             |              |                  | Bluegrass                 | 5                     |
| Nevador                  | ---             | 800                         | 600          | 400              | Thurber needlegrass       | 20                    |
|                          |                 |                             |              |                  | Wyoming big sagebrush     | 15                    |
|                          |                 |                             |              |                  | Bluegrass                 | 10                    |
|                          |                 |                             |              |                  | Indian ricegrass          | 10                    |
|                          |                 |                             |              |                  | Bluebunch wheatgrass      | 5                     |
|                          |                 |                             |              |                  | Bottlebrush squirreltail  | 5                     |
|                          |                 |                             |              |                  | Douglas rabbitbrush       | 5                     |
| Zapa                     | ---             | 500                         | 350          | 250              | Black sagebrush           | 35                    |
|                          |                 |                             |              |                  | Indian ricegrass          | 15                    |
|                          |                 |                             |              |                  | Thurber needlegrass       | 15                    |
|                          |                 |                             |              |                  | Bluegrass                 | 5                     |
|                          |                 |                             |              |                  | Globemallow               | 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>        |                           |                          |
| s5536:                      |                 |                             |                |                     |                           | <i>Pct</i>               |
| Hunnton                     | ---             | 800                         | 600            | 400                 | Thurber needlegrass       | 20                       |
|                             |                 |                             |                |                     | Big sagebrush             | 15                       |
|                             |                 |                             |                |                     | Bluebunch wheatgrass      | 15                       |
|                             |                 |                             |                |                     | Bluegrass                 | 10                       |
|                             |                 |                             |                |                     | Basin wildrye             | 5                        |
|                             |                 |                             |                |                     | Bottlebrush squirreltail  | 5                        |
|                             |                 |                             |                |                     | Indian ricegrass          | 5                        |
|                             |                 |                             |                |                     | Needleandthread           | 5                        |
|                             |                 |                             |                |                     | Webber ricegrass          | 5                        |
| Chiara                      | ---             | 800                         | 600            | 400                 | Thurber needlegrass       | 25                       |
|                             |                 |                             |                |                     | Bluebunch wheatgrass      | 15                       |
|                             |                 |                             |                |                     | Wyoming big sagebrush     | 15                       |
|                             |                 |                             |                |                     | Basin wildrye             | 5                        |
|                             |                 |                             |                |                     | Bottlebrush squirreltail  | 5                        |
|                             |                 |                             |                |                     | Douglas rabbitbrush       | 5                        |
|                             |                 |                             |                |                     | Indian ricegrass          | 5                        |
|                             |                 |                             |                |                     | Pine bluegrass            | 5                        |
|                             |                 |                             |                |                     | Sandberg bluegrass        | 5                        |
|                             |                 |                             |                |                     | Webber ricegrass          | 5                        |
| Dewar                       | ---             | 800                         | 600            | 400                 | Big sagebrush             | 15                       |
|                             |                 |                             |                |                     | Bluebunch wheatgrass      | 15                       |
|                             |                 |                             |                |                     | Basin wildrye             | 10                       |
|                             |                 |                             |                |                     | Thurber needlegrass       | 10                       |
|                             |                 |                             |                |                     | Bluegrass                 | 5                        |
|                             |                 |                             |                |                     | Bottlebrush squirreltail  | 5                        |
|                             |                 |                             |                |                     | Globemallow               | 5                        |
|                             |                 |                             |                |                     | Indian ricegrass          | 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>               |
| s5536:                      |                 |                             |                |                     |                           |                          |
| Peeko                       | ---             | 500                         | 350            | 250                 | Black sagebrush           | 30                       |
|                             |                 |                             |                |                     | Indian ricegrass          | 10                       |
|                             |                 |                             |                |                     | Thurber needlegrass       | 10                       |
|                             |                 |                             |                |                     | Bluebunch wheatgrass      | 5                        |
|                             |                 |                             |                |                     | Bluegrass                 | 5                        |
|                             |                 |                             |                |                     | Bottlebrush squirreltail  | 5                        |
|                             |                 |                             |                |                     | Globemallow               | 5                        |
| Wieland                     | ---             | 800                         | 600            | 400                 | Bluebunch wheatgrass      | 25                       |
|                             |                 |                             |                |                     | Big sagebrush             | 15                       |
|                             |                 |                             |                |                     | Thurber needlegrass       | 15                       |
|                             |                 |                             |                |                     | Basin wildrye             | 5                        |
|                             |                 |                             |                |                     | Bluegrass                 | 5                        |
|                             |                 |                             |                |                     | Bottlebrush squirreltail  | 5                        |
|                             |                 |                             |                |                     | Globemallow               | 5                        |
|                             |                 |                             |                |                     | Indian ricegrass          | 5                        |
|                             |                 |                             |                |                     | Webber ricegrass          | 5                        |
| Oupico                      | ---             | 800                         | 600            | 400                 | Thurber needlegrass       | 30                       |
|                             |                 |                             |                |                     | Bluebunch wheatgrass      | 25                       |
|                             |                 |                             |                |                     | Big sagebrush             | 15                       |
|                             |                 |                             |                |                     | Basin wildrye             | 5                        |
|                             |                 |                             |                |                     | Bluegrass                 | 5                        |
|                             |                 |                             |                |                     | Bottlebrush squirreltail  | 5                        |
|                             |                 |                             |                |                     | Douglas rabbitbrush       | 5                        |
|                             |                 |                             |                |                     | Globemallow               | 5                        |
|                             |                 |                             |                |                     | Indian ricegrass          | 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>                  |                 |                             |                |                     |                           |                          |
| s5536:                      |                 |                             |                |                     |                           |                          |
| Dacker                      | ---             | 800                         | 600            | 400                 | Bluebunch wheatgrass      | 15                       |
|                             |                 |                             |                |                     | Other perennial forbs     | 15                       |
|                             |                 |                             |                |                     | Basin wildrye             | 10                       |
|                             |                 |                             |                |                     | Big sagebrush             | 10                       |
|                             |                 |                             |                |                     | Other shrubs              | 10                       |
|                             |                 |                             |                |                     | Sandberg bluegrass        | 10                       |
|                             |                 |                             |                |                     | Thurber needlegrass       | 10                       |
|                             |                 |                             |                |                     | Bottlebrush squirreltail  | 5                        |
|                             |                 |                             |                |                     | Douglas rabbitbrush       | 5                        |
|                             |                 |                             |                |                     | Eriogonum                 | 5                        |
|                             |                 |                             |                |                     | Other perennial grasses   | 5                        |
| Yuko                        | ---             | 1,000                       | 750            | 500                 | Bluebunch wheatgrass      | 70                       |
|                             |                 |                             |                |                     | Thurber needlegrass       | 10                       |
|                             |                 |                             |                |                     | Wyoming big sagebrush     | 10                       |
|                             |                 |                             |                |                     | Basin wildrye             | 5                        |
| Puett                       | ---             | 200                         | 150            | 100                 | Indian ricegrass          | 15                       |
|                             |                 |                             |                |                     | Wyoming big sagebrush     | 15                       |
|                             |                 |                             |                |                     | Bottlebrush squirreltail  | 10                       |
|                             |                 |                             |                |                     | Antelope bitterbrush      | 5                        |
|                             |                 |                             |                |                     | Black sagebrush           | 5                        |
|                             |                 |                             |                |                     | Bluegrass                 | 5                        |
| Hussell                     | ---             | 900                         | 700            | 500                 | Needleandthread           | 25                       |
|                             |                 |                             |                |                     | Big sagebrush             | 20                       |
|                             |                 |                             |                |                     | Indian ricegrass          | 15                       |
|                             |                 |                             |                |                     | Bottlebrush squirreltail  | 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>        |  |                                      |
| s5536:                      |                 |                             |                |                     |  | <i>Pct</i>                           |
| Bilbo                       | ---             | 1,000                       | 700            | 500                 | Bluebunch wheatgrass<br>Big sagebrush<br>Thurber needlegrass<br>Basin wildrye  | 60<br>10<br>10<br>5                  |
| Gance                       | ---             | 800                         | 600            | 400                 | Bluebunch wheatgrass<br>Thurber needlegrass<br>Basin wildrye<br>Wyoming big sagebrush<br>Indian ricegrass<br>Bluegrass<br>Bottlebrush squirreltail   | 20<br>20<br>15<br>15<br>10<br>5<br>5 |
| Kelk                        | ---             | 800                         | 600            | 400                 | Basin wildrye<br>Basin big sagebrush<br>Black greasewood<br>Bottlebrush squirreltail<br>Inland saltgrass<br>Rubber rabbitbrush<br>Western wheatgrass | 50<br>15<br>5<br>5<br>5<br>5<br>5    |
| Kelk                        | ---             | 800                         | 600            | 400                 | Bluebunch wheatgrass<br>Thurber needlegrass<br>Basin wildrye<br>Indian ricegrass<br>Wyoming big sagebrush<br>Bluegrass<br>Webber ricegrass           | 20<br>20<br>10<br>10<br>10<br>5<br>5 |