

# 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>            |
| s1988:                   |                 |                             |              |                  |                           |                       |
| Oshone                   | ---             | 1,500                       | 1,000        | 700              | Idaho fescue              | 30                    |
|                          |                 |                             |              |                  | Bluebunch wheatgrass      | 25                    |
|                          |                 |                             |              |                  | Mountain big sagebrush    | 15                    |
|                          |                 |                             |              |                  | Antelope bitterbrush      | 5                     |
|                          |                 |                             |              |                  | Arrowleaf balsamroot      | 5                     |
|                          |                 |                             |              |                  | Bottlebrush squirreltail  | 5                     |
|                          |                 |                             |              |                  | Other perennial forbs     | 5                     |
|                          |                 |                             |              |                  | Other perennial grasses   | 5                     |
|                          |                 |                             |              |                  | Other shrubs              | 5                     |
| Forvic                   | ---             | 1,500                       | 1,000        | 700              | Idaho fescue              | 30                    |
|                          |                 |                             |              |                  | Bluebunch wheatgrass      | 25                    |
|                          |                 |                             |              |                  | Mountain big sagebrush    | 15                    |
|                          |                 |                             |              |                  | Antelope bitterbrush      | 5                     |
|                          |                 |                             |              |                  | Arrowleaf balsamroot      | 5                     |
|                          |                 |                             |              |                  | Bottlebrush squirreltail  | 5                     |
|                          |                 |                             |              |                  | Other perennial forbs     | 5                     |
|                          |                 |                             |              |                  | Other perennial grasses   | 5                     |
|                          |                 |                             |              |                  | Other shrubs              | 5                     |
| Bancy                    | ---             | 950                         | 650          | 350              | Idaho fescue              | 25                    |
|                          |                 |                             |              |                  | Bluebunch wheatgrass      | 20                    |
|                          |                 |                             |              |                  | Low sagebrush             | 20                    |
|                          |                 |                             |              |                  | Other perennial forbs     | 15                    |
|                          |                 |                             |              |                  | Longleaf phlox            | 5                     |
|                          |                 |                             |              |                  | Other perennial grasses   | 5                     |
|                          |                 |                             |              |                  | Other shrubs              | 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>        |                           | <i>Pct</i>               |
| s1988:                      |                 |                             |                |                     |                           |                          |
| Aninto                      | ---             | 950                         | 650            | 350                 | Idaho fescue              | 25                       |
|                             |                 |                             |                |                     | Bluebunch wheatgrass      | 20                       |
|                             |                 |                             |                |                     | Low sagebrush             | 20                       |
|                             |                 |                             |                |                     | Other perennial forbs     | 15                       |
|                             |                 |                             |                |                     | Arrowleaf balsamroot      | 5                        |
|                             |                 |                             |                |                     | Other perennial grasses   | 5                        |
|                             |                 |                             |                |                     | Other shrubs              | 5                        |
|                             |                 |                             |                |                     | Sandberg bluegrass        | 5                        |
| Tanner                      | ---             | 1,300                       | 900            | 600                 | Bluebunch wheatgrass      | 45                       |
|                             |                 |                             |                |                     | Basin big sagebrush       | 20                       |
|                             |                 |                             |                |                     | Antelope bitterbrush      | 5                        |
|                             |                 |                             |                |                     | Arrowleaf balsamroot      | 5                        |
|                             |                 |                             |                |                     | Needlegrass               | 5                        |
|                             |                 |                             |                |                     | Other perennial forbs     | 5                        |
|                             |                 |                             |                |                     | Other perennial grasses   | 5                        |
|                             |                 |                             |                |                     | Other shrubs              | 5                        |
|                             |                 |                             |                |                     | Sandberg bluegrass        | 5                        |
| Tock                        | ---             | 1,100                       | 750            | 400                 | Bluebunch wheatgrass      | 35                       |
|                             |                 |                             |                |                     | Wyoming big sagebrush     | 25                       |
|                             |                 |                             |                |                     | Other perennial grasses   | 10                       |
|                             |                 |                             |                |                     | Arrowleaf balsamroot      | 5                        |
|                             |                 |                             |                |                     | Bottlebrush squirreltail  | 5                        |
|                             |                 |                             |                |                     | Other perennial forbs     | 5                        |
|                             |                 |                             |                |                     | Other shrubs              | 5                        |
|                             |                 |                             |                |                     | Sandberg bluegrass        | 5                        |
|                             |                 |                             |                |                     | Thurber needlegrass       | 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>        |                           |                          |
| s1988:                      |                 |                             |                |                     |                           | <i>Pct</i>               |
| Ruclick                     | ---             | 1,200                       | 900            | 600                 | Bluebunch wheatgrass      | 35                       |
|                             |                 |                             |                |                     | Wyoming big sagebrush     | 15                       |
|                             |                 |                             |                |                     | Arrowleaf balsamroot      | 5                        |
|                             |                 |                             |                |                     | Bottlebrush squirreltail  | 5                        |
|                             |                 |                             |                |                     | Idaho fescue              | 5                        |
|                             |                 |                             |                |                     | Lupine                    | 5                        |
|                             |                 |                             |                |                     | Other perennial forbs     | 5                        |
|                             |                 |                             |                |                     | Other perennial grasses   | 5                        |
|                             |                 |                             |                |                     | Other shrubs              | 5                        |
|                             |                 |                             |                |                     | Sandberg bluegrass        | 5                        |
|                             |                 |                             |                |                     | Slender wheatgrass        | 5                        |
|                             |                 |                             |                |                     | Thurber needlegrass       | 5                        |
| Doodlelink                  | ---             | 1,300                       | 1,000          | 800                 | Idaho fescue              | 30                       |
|                             |                 |                             |                |                     | Bluebunch wheatgrass      | 15                       |
|                             |                 |                             |                |                     | Mountain big sagebrush    | 10                       |
|                             |                 |                             |                |                     | Other perennial forbs     | 10                       |
|                             |                 |                             |                |                     | Other perennial grasses   | 10                       |
|                             |                 |                             |                |                     | Antelope bitterbrush      | 5                        |
|                             |                 |                             |                |                     | Arrowleaf balsamroot      | 5                        |
|                             |                 |                             |                |                     | Nevada bluegrass          | 5                        |
|                             |                 |                             |                |                     | Other shrubs              | 5                        |
|                             |                 |                             |                |                     | Thurber needlegrass       | 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>               |
| s1988:                      |                 |                             |                |                     |                           |                          |
| Stricker                    | ---             | 1,100                       | 700            | 450                 | Bluebunch wheatgrass      | 45                       |
|                             |                 |                             |                |                     | Wyoming big sagebrush     | 25                       |
|                             |                 |                             |                |                     | Other perennial forbs     | 10                       |
|                             |                 |                             |                |                     | Lupine                    | 5                        |
|                             |                 |                             |                |                     | Other perennial grasses   | 5                        |
|                             |                 |                             |                |                     | Other shrubs              | 5                        |
|                             |                 |                             |                |                     | Sandberg bluegrass        | 5                        |
| Zola                        | ---             | 1,100                       | 750            | 400                 | Bluebunch wheatgrass      | 35                       |
|                             |                 |                             |                |                     | Wyoming big sagebrush     | 25                       |
|                             |                 |                             |                |                     | Other shrubs              | 10                       |
|                             |                 |                             |                |                     | Arrowleaf balsamroot      | 5                        |
|                             |                 |                             |                |                     | Bottlebrush squirreltail  | 5                        |
|                             |                 |                             |                |                     | Other perennial forbs     | 5                        |
|                             |                 |                             |                |                     | Other perennial grasses   | 5                        |
|                             |                 |                             |                |                     | Sandberg bluegrass        | 5                        |
|                             |                 |                             |                |                     | Thurber needlegrass       | 5                        |