

# 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<br>and soil name | Ecological site | Total dry-weight production |                |                     | Characteristic vegetation | Rangeland<br>composition |
|-----------------------------|-----------------|-----------------------------|----------------|---------------------|---------------------------|--------------------------|
|                             |                 | Favorable<br>year           | Normal<br>year | Unfavorable<br>year |                           |                          |
|                             |                 | <i>Lb/ac</i>                | <i>Lb/ac</i>   | <i>Lb/ac</i>        | <i>Pct</i>                |                          |
| s2022:                      |                 |                             |                |                     |                           |                          |
| Vitale                      | ---             | 1,500                       | 1,000          | 700                 | Idaho fescue              | 35                       |
|                             |                 |                             |                |                     | Bluebunch wheatgrass      | 25                       |
|                             |                 |                             |                |                     | Mountain big sagebrush    | 20                       |
|                             |                 |                             |                |                     | Antelope bitterbrush      | 5                        |
|                             |                 |                             |                |                     | Other perennial forbs     | 5                        |
| Thacker                     | ---             | 950                         | 600            | 400                 | Idaho fescue              | 30                       |
|                             |                 |                             |                |                     | Low sagebrush             | 25                       |
|                             |                 |                             |                |                     | Bluebunch wheatgrass      | 20                       |
|                             |                 |                             |                |                     | Other perennial forbs     | 5                        |
|                             |                 |                             |                |                     | Other perennial grasses   | 5                        |
|                             |                 |                             |                |                     | Other shrubs              | 5                        |
|                             |                 |                             |                |                     | Phlox                     | 5                        |
| Cleavage                    | ---             | 1,000                       | 700            | 400                 | Idaho fescue              | 40                       |
|                             |                 |                             |                |                     | Bluebunch wheatgrass      | 15                       |
|                             |                 |                             |                |                     | Low sagebrush             | 15                       |
|                             |                 |                             |                |                     | Bottlebrush squirreltail  | 5                        |
| Sharesnout                  | ---             | 1,050                       | 750            | 500                 | Idaho fescue              | 25                       |
|                             |                 |                             |                |                     | Bluebunch wheatgrass      | 20                       |
|                             |                 |                             |                |                     | Low sagebrush             | 20                       |
|                             |                 |                             |                |                     | Antelope bitterbrush      | 5                        |
|                             |                 |                             |                |                     | Longleaf phlox            | 5                        |
|                             |                 |                             |                |                     | Other perennial forbs     | 5                        |
|                             |                 |                             |                |                     | Other perennial grasses   | 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>        |                           | <i>Pct</i>               |
| s2022:                      |                 |                             |                |                     |                           |                          |
| Mulshoe                     | ---             | 1,500                       | 1,000          | 700                 | Idaho fescue              | 30                       |
|                             |                 |                             |                |                     | Bluebunch wheatgrass      | 20                       |
|                             |                 |                             |                |                     | Mountain big sagebrush    | 15                       |
|                             |                 |                             |                |                     | Antelope bitterbrush      | 10                       |
|                             |                 |                             |                |                     | Other perennial forbs     | 5                        |
|                             |                 |                             |                |                     | Other perennial grasses   | 5                        |
|                             |                 |                             |                |                     | Other shrubs              | 5                        |
| ltca                        | ---             | 950                         | 600            | 350                 | Idaho fescue              | 25                       |
|                             |                 |                             |                |                     | Low sagebrush             | 25                       |
|                             |                 |                             |                |                     | Bluebunch wheatgrass      | 20                       |
|                             |                 |                             |                |                     | Antelope bitterbrush      | 5                        |
|                             |                 |                             |                |                     | Lupine                    | 5                        |
|                             |                 |                             |                |                     | Other perennial grasses   | 5                        |
|                             |                 |                             |                |                     | Other shrubs              | 5                        |
| Monasterio                  | ---             | 1,500                       | 1,000          | 700                 | Idaho fescue              | 30                       |
|                             |                 |                             |                |                     | Low sagebrush             | 25                       |
|                             |                 |                             |                |                     | Bluebunch wheatgrass      | 20                       |
|                             |                 |                             |                |                     | Antelope bitterbrush      | 5                        |
|                             |                 |                             |                |                     | Other perennial forbs     | 5                        |
|                             |                 |                             |                |                     | Other perennial grasses   | 5                        |
|                             |                 |                             |                |                     | Other shrubs              | 5                        |
|                             |                 |                             |                |                     | Phlox                     | 5                        |
| Rubble land                 | ---             | ---                         | ---            | ---                 | ---                       | ---                      |

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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>                |                          |
| s2022:<br>Budlewis          | ---             | 950                         | 650            | 400                 | Idaho fescue              | 25                       |
|                             |                 |                             |                |                     | Low sagebrush             | 25                       |
|                             |                 |                             |                |                     | Bluebunch wheatgrass      | 20                       |
|                             |                 |                             |                |                     | Other perennial forbs     | 5                        |
|                             |                 |                             |                |                     | Other perennial grasses   | 5                        |
|                             |                 |                             |                |                     | Other shrubs              | 5                        |
|                             |                 |                             |                |                     | Phlox                     | 5                        |