

# 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>  |  |
| s1918:                   |                             |                             |              |                  |   |  |
| Goodington               | LOAMY 12-16 ARTRV/PSSP6     | 1,200                       | 1,000        | 700              | Bluebunch wheatgrass<br>Mountain big sagebrush<br>Idaho fescue<br>Western needlegrass<br>Arrowleaf balsamroot<br>Bluegrass<br>Bottlebrush squirreltail<br>Lupine<br>Other perennial forbs<br>Other perennial grasses  | 25<br>20<br>10<br>10<br>5<br>5<br>5<br>5<br>5<br>5 |
| Bringmee                 | ---                         | ---                         | ---          | ---              | ---   | ---  |
| Little Wood              | ---                         | ---                         | ---          | ---              | ---   | ---  |
| Manard                   | STONY CLAY 12-16 ARARL/FEID | 550                         | 450          | 300              | Alkali sagebrush<br>Idaho fescue<br>Narrowleaf pussytoes<br>Other perennial forbs<br>Bottlebrush squirreltail<br>Hood's phlox<br>Other perennial grasses<br>Other shrubs<br>Sandberg bluegrass<br>Western needlegrass | 25<br>25<br>10<br>10<br>5<br>5<br>5<br>5<br>5<br>5 |
| Water                    | ---                         | ---                         | ---          | ---              | ---   | ---  |

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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>               |
| s1918:                      |                         |                             |                |                     |                           |                          |
| Marshdale                   | WET MEADOW              | 4,500                       | 3,600          | 3,000               | Sedge                     | 30                       |
|                             |                         |                             |                |                     | Nebraska sedge            | 15                       |
|                             |                         |                             |                |                     | Tufted hairgrass          | 15                       |
|                             |                         |                             |                |                     | Slender wheatgrass        | 10                       |
|                             |                         |                             |                |                     | Bluegrass                 | 5                        |
|                             |                         |                             |                |                     | Other perennial forbs     | 5                        |
|                             |                         |                             |                |                     | Other perennial grasses   | 5                        |
|                             |                         |                             |                |                     | Other shrubs              | 5                        |
|                             |                         |                             |                |                     | Rush                      | 5                        |
|                             |                         |                             |                |                     | Willow                    | 5                        |
| Hutton                      | ---                     | ---                         | ---            | ---                 | ---                       | ---                      |
| Muldoon                     | LOAMY 12-16 ARTRV/PSSP6 | 1,200                       | 1,000          | 900                 | Mountain big sagebrush    | 35                       |
|                             |                         |                             |                |                     | Bluebunch wheatgrass      | 30                       |
|                             |                         |                             |                |                     | Bluegrass                 | 10                       |
|                             |                         |                             |                |                     | Arrowleaf balsamroot      | 5                        |
|                             |                         |                             |                |                     | Idaho fescue              | 5                        |
|                             |                         |                             |                |                     | Lupine                    | 5                        |
|                             |                         |                             |                |                     | Other perennial forbs     | 5                        |
|                             |                         |                             |                |                     | Other perennial grasses   | 5                        |
| Balaam                      | ---                     | ---                         | ---            | ---                 | ---                       | ---                      |

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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>  |
| s1918:<br>Molyneux          | LOAMY 12-16 ARTRV/FEID                    | 1,500                       | 1,000          | 700                 | Mountain big sagebrush<br>Bluebunch wheatgrass<br>Idaho fescue<br>Other perennial forbs<br>Lupine<br>Needlegrass<br>Other perennial grasses<br>Other shrubs<br>Prairie Junegrass                               | 25<br>20<br>20<br>10<br>5<br>5<br>5<br>5<br>5     |
| Rockybar                    | SOUTH SLOPE GRAVELLY 12-16<br>ARTRV/PSSP6 | 800                         | 650            | 350                 | Bluebunch wheatgrass<br>Mountain big sagebrush<br>Arrowleaf balsamroot<br>Green rabbitbrush<br>Idaho fescue<br>Low sagebrush<br>Lupine<br>Nevada bluegrass<br>Other perennial forbs<br>Other perennial grasses | 35<br>20<br>10<br>5<br>5<br>5<br>5<br>5<br>5<br>5 |
| Rubbleland                  | ---                                       | ---                         | ---            | ---                 | ---  | ---   |

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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>               |
| s1918:<br>Peevywell         | CLAYEY 12-16 ARARL/FEID | 800                         | 650            | 400                 | Alkali sagebrush          | 25                       |
|                             |                         |                             |                |                     | Idaho fescue              | 25                       |
|                             |                         |                             |                |                     | Bluebunch wheatgrass      | 10                       |
|                             |                         |                             |                |                     | Bottlebrush squirreltail  | 5                        |
|                             |                         |                             |                |                     | Low sagebrush             | 5                        |
|                             |                         |                             |                |                     | Lupine                    | 5                        |
|                             |                         |                             |                |                     | Nevada bluegrass          | 5                        |
|                             |                         |                             |                |                     | Other perennial forbs     | 5                        |
|                             |                         |                             |                |                     | Other perennial grasses   | 5                        |
|                             |                         |                             |                |                     | Other shrubs              | 5                        |
|                             |                         |                             |                |                     | Phlox                     | 5                        |