

# 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 |                           |                       |
|                          |                 | Lb/ac                       | Lb/ac       | Lb/ac            |                           | Pct                   |
| s5671:                   |                 |                             |             |                  |                           |                       |
| Pumel                    | ---             | 250                         | 200         | 100              | Shadscale                 | 25                    |
|                          |                 |                             |             |                  | Bailey greasewood         | 10                    |
|                          |                 |                             |             |                  | Indian ricegrass          | 10                    |
|                          |                 |                             |             |                  | Bottlebrush squirreltail  | 5                     |
|                          |                 |                             |             |                  | Bud sagebrush             | 5                     |
|                          |                 |                             |             |                  | Dalea                     | 5                     |
|                          |                 |                             |             |                  | Desert needlegrass        | 5                     |
|                          |                 |                             |             |                  | Galleta                   | 5                     |
|                          |                 |                             |             |                  | Nevada ephedra            | 5                     |
|                          |                 |                             |             |                  | Spiny menodora            | 5                     |
|                          |                 |                             |             |                  | Winterfat                 | 5                     |
| Blappert                 | ---             | 300                         | 200         | 100              | Spiny menodora            | 25                    |
|                          |                 |                             |             |                  | Galleta                   | 10                    |
|                          |                 |                             |             |                  | Anderson wolfberry        | 5                     |
|                          |                 |                             |             |                  | Bailey greasewood         | 5                     |
|                          |                 |                             |             |                  | Bud sagebrush             | 5                     |
|                          |                 |                             |             |                  | Desert needlegrass        | 5                     |
|                          |                 |                             |             |                  | Indian ricegrass          | 5                     |
|                          |                 |                             |             |                  | Nevada ephedra            | 5                     |
|                          |                 |                             |             |                  | Shadscale                 | 5                     |
|                          |                 |                             |             |                  | Winterfat                 | 5                     |
| Uripnes                  | ---             | 500                         | 350         | 200              | Desert needlegrass        | 45                    |
|                          |                 |                             |             |                  | Littleleaf horsebrush     | 10                    |
|                          |                 |                             |             |                  | Spiny hopsage             | 10                    |
|                          |                 |                             |             |                  | Anderson wolfberry        | 5                     |
|                          |                 |                             |             |                  | Nevada ephedra            | 5                     |
|                          |                 |                             |             |                  | Shadscale                 | 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>   |
| s5671:                      |                 |                             |                |                     |  |  |
| Rock outcrop                | ---             | ---                         | ---            | ---                 | ---  | ---  |
| ltme                        | ---             | 350                         | 250            | 100                 | Shadscale<br>Bud sagebrush<br>Galleta<br>Indian ricegrass<br>Winterfat<br>Bailey greasewood<br>Desert needlegrass<br>Fourwing saltbush   | 20<br>10<br>10<br>10<br>10<br>5<br>5<br>5              |
| Pumel                       | ---             | 250                         | 200            | 100                 | Shadscale<br>Bailey greasewood<br>Indian ricegrass<br>Bottlebrush squirreltail<br>Bud sagebrush<br>Dalea<br>Desert needlegrass<br>Galleta<br>Nevada ephedra<br>Spiny menodora<br>Winterfat | 25<br>10<br>10<br>5<br>5<br>5<br>5<br>5<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>        |                           |                          |
| s5671:                      |                 |                             |                |                     |                           | <i>Pct</i>               |
| Advokay                     | ---             | 400                         | 300            | 100                 | Spiny menodora            | 20                       |
|                             |                 |                             |                |                     | Bailey greasewood         | 10                       |
|                             |                 |                             |                |                     | Galleta                   | 10                       |
|                             |                 |                             |                |                     | Indian ricegrass          | 10                       |
|                             |                 |                             |                |                     | Shadscale                 | 10                       |
|                             |                 |                             |                |                     | Bottlebrush squirreltail  | 5                        |
|                             |                 |                             |                |                     | Bud sagebrush             | 5                        |
|                             |                 |                             |                |                     | Desert needlegrass        | 5                        |
|                             |                 |                             |                |                     | Nevada ephedra            | 5                        |
| Advokay                     | ---             | 350                         | 250            | 100                 | Shadscale                 | 20                       |
|                             |                 |                             |                |                     | Bud sagebrush             | 10                       |
|                             |                 |                             |                |                     | Galleta                   | 10                       |
|                             |                 |                             |                |                     | Indian ricegrass          | 10                       |
|                             |                 |                             |                |                     | Winterfat                 | 10                       |
|                             |                 |                             |                |                     | Bailey greasewood         | 5                        |
|                             |                 |                             |                |                     | Bottlebrush squirreltail  | 5                        |
|                             |                 |                             |                |                     | Desert needlegrass        | 5                        |
|                             |                 |                             |                |                     | Fourwing saltbush         | 5                        |
| Budihol                     | ---             | 700                         | 500            | 300                 | Thurber needlegrass       | 30                       |
|                             |                 |                             |                |                     | Wyoming big sagebrush     | 30                       |
|                             |                 |                             |                |                     | Indian ricegrass          | 10                       |
|                             |                 |                             |                |                     | Nevada ephedra            | 5                        |
|                             |                 |                             |                |                     | Sandberg bluegrass        | 5                        |
|                             |                 |                             |                |                     | Spiny hopsage             | 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>                  |                 |                             |                |                     |                           |                          |
| s5671:                      |                 |                             |                |                     |                           |                          |
| Petspring                   | ---             | 800                         | 600            | 400                 | Desert needlegrass        | 45                       |
|                             |                 |                             |                |                     | Wyoming big sagebrush     | 25                       |
|                             |                 |                             |                |                     | Nevada ephedra            | 5                        |
|                             |                 |                             |                |                     | Sandberg bluegrass        | 5                        |
|                             |                 |                             |                |                     | Spiny hopsage             | 5                        |
| Pumel                       | ---             | 300                         | 200            | 100                 | Spiny menodora            | 20                       |
|                             |                 |                             |                |                     | Galleta                   | 15                       |
|                             |                 |                             |                |                     | Needlegrass               | 10                       |
|                             |                 |                             |                |                     | Anderson wolfberry        | 5                        |
|                             |                 |                             |                |                     | Bailey greasewood         | 5                        |
|                             |                 |                             |                |                     | Bud sagebrush             | 5                        |
|                             |                 |                             |                |                     | Indian ricegrass          | 5                        |
|                             |                 |                             |                |                     | Nevada dalea              | 5                        |
|                             |                 |                             |                |                     | Nevada ephedra            | 5                        |
|                             |                 |                             |                |                     | Shadscale                 | 5                        |
| Thike                       | ---             | 600                         | 400            | 200                 | Wyoming big sagebrush     | 25                       |
|                             |                 |                             |                |                     | Indian ricegrass          | 10                       |
|                             |                 |                             |                |                     | Desert needlegrass        | 5                        |
|                             |                 |                             |                |                     | Galleta                   | 5                        |
|                             |                 |                             |                |                     | Nevada ephedra            | 5                        |
|                             |                 |                             |                |                     | Spiny hopsage             | 5                        |
|                             |                 |                             |                |                     | Winterfat                 | 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>        |                           |                          |
| s5671:                      |                 |                             |                |                     |                           |                          |
| Advokay                     | ---             | 350                         | 250            | 100                 | Shadscale                 | 20                       |
|                             |                 |                             |                |                     | Bud sagebrush             | 10                       |
|                             |                 |                             |                |                     | Galleta                   | 10                       |
|                             |                 |                             |                |                     | Indian ricegrass          | 10                       |
|                             |                 |                             |                |                     | Winterfat                 | 10                       |
|                             |                 |                             |                |                     | Bailey greasewood         | 5                        |
|                             |                 |                             |                |                     | Bottlebrush squirreltail  | 5                        |
|                             |                 |                             |                |                     | Desert needlegrass        | 5                        |
|                             |                 |                             |                |                     | Fourwing saltbush         | 5                        |
| Ardivey                     | ---             | 350                         | 250            | 100                 | Shadscale                 | 20                       |
|                             |                 |                             |                |                     | Galleta                   | 15                       |
|                             |                 |                             |                |                     | Bailey greasewood         | 10                       |
|                             |                 |                             |                |                     | Bud sagebrush             | 10                       |
|                             |                 |                             |                |                     | Bottlebrush squirreltail  | 5                        |
|                             |                 |                             |                |                     | Cooper wolfberry          | 5                        |
|                             |                 |                             |                |                     | Desert needlegrass        | 5                        |
|                             |                 |                             |                |                     | Indian ricegrass          | 5                        |
|                             |                 |                             |                |                     | Nevada ephedra            | 5                        |
|                             |                 |                             |                |                     | Spiny menodora            | 5                        |
|                             |                 |                             |                |                     | Winterfat                 | 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>        |                           |                          |
| s5671:                      |                 |                             |                |                     |                           |                          |
| Pumel                       | ---             | 250                         | 200            | 100                 | Shadscale                 | 25                       |
|                             |                 |                             |                |                     | Bailey greasewood         | 10                       |
|                             |                 |                             |                |                     | Indian ricegrass          | 10                       |
|                             |                 |                             |                |                     | Bottlebrush squirreltail  | 5                        |
|                             |                 |                             |                |                     | Bud sagebrush             | 5                        |
|                             |                 |                             |                |                     | Dalea                     | 5                        |
|                             |                 |                             |                |                     | Desert needlegrass        | 5                        |
|                             |                 |                             |                |                     | Galleta                   | 5                        |
|                             |                 |                             |                |                     | Nevada ephedra            | 5                        |
|                             |                 |                             |                |                     | Spiny menodora            | 5                        |
|                             |                 |                             |                |                     | Winterfat                 | 5                        |
| Upspring                    | ---             | 250                         | 150            | 50                  | Shadscale                 | 20                       |
|                             |                 |                             |                |                     | White bursage             | 10                       |
|                             |                 |                             |                |                     | Anderson wolfberry        | 5                        |
|                             |                 |                             |                |                     | Creosotebush              | 5                        |
|                             |                 |                             |                |                     | Ephedra                   | 5                        |
|                             |                 |                             |                |                     | Indian ricegrass          | 5                        |
|                             |                 |                             |                |                     | Winterfat                 | 5                        |