

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>
s5521:						
Chen	---	1,000	700	400	Idaho fescue	30
					Bluebunch wheatgrass	20
					Low sagebrush	15
					Bluegrass	10
					Antelope bitterbrush	5
					Balsamroot	5
Quarz	---	1,300	900	700	Bluebunch wheatgrass	45
					Basin wildrye	10
					Mountain big sagebrush	10
					Antelope bitterbrush	5
					Bluegrass	5
					Tapertip hawksbeard	5
					Thurber needlegrass	5
Linkup	---	800	600	400	Bluebunch wheatgrass	20
					Low sagebrush	20
					Thurber needlegrass	20
					Bluegrass	10
					Webber ricegrass	10
					Balsamroot	5

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		<i>Lb/ac</i>	<i>Lb/ac</i>	<i>Lb/ac</i>		<i>Pct</i>
s5521: Cleavage	---	350	250	150	Idaho fescue Low sagebrush Black sagebrush Bluegrass Webber ricegrass Bluebunch wheatgrass Bottlebrush squirreltail Douglas rabbitbrush Phlox Sandwort	15 15 10 10 10 5 5 5 5 5
Alyan	---	1,000	800	600	Bluebunch wheatgrass Thurber needlegrass Big sagebrush Arrowleaf balsamroot Douglas rabbitbrush Lupine Nevada bluegrass	30 25 15 5 5 5 5
Alyan	---	1,200	900	600	Bluebunch wheatgrass Idaho fescue Big sagebrush Thurber needlegrass Antelope bitterbrush Arrowleaf balsamroot Basin wildrye Nevada bluegrass	25 20 10 10 5 5 5 5

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s5521:						
Cleavage	---	1,000	700	400	Idaho fescue	40
					Bluebunch wheatgrass	15
					Low sagebrush	15
					Balsamroot	5
					Bluegrass	5
					Bottlebrush squirreltail	5
Arcia	---	1,200	900	600	Idaho fescue	30
					Bluebunch wheatgrass	25
					Mountain big sagebrush	10
					Antelope bitterbrush	5
					Arrowleaf balsamroot	5
					Basin wildrye	5
					Tapertip hawksbeard	5
					Thurber needlegrass	5
Carstump	---	1,000	800	600	Bluebunch wheatgrass	30
					Thurber needlegrass	20
					Big sagebrush	15
					Antelope bitterbrush	5
					Nevada bluegrass	5
Welch	---	2,000	1,700	1,000	Tufted hairgrass	50
					Alpine timothy	10
					Nevada bluegrass	10
					Sedge	10
					Cinquefoil	5
					Clover	5
					Meadow barley	5

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s5521: Hapgood	---	2,600	1,800	1,400	Mountain brome Idaho fescue Quaking aspen Slender wheatgrass Butterweed Common chokecherry Geranium Letterman needlegrass Melic Snowberry	15 10 10 10 5 5 5 5 5 5
Reluctan	---	1,400	1,000	700	Bluebunch wheatgrass Idaho fescue Antelope bitterbrush Arrowleaf balsamroot Basin wildrye Mountain big sagebrush Nevada bluegrass Pine bluegrass Sandberg bluegrass Tapertip hawksbeard Thurber needlegrass	25 20 10 5 5 5 5 5 5 5

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s5521:						
Sumine	---	1,300	900	700	Bluebunch wheatgrass	40
					Antelope bitterbrush	10
					Basin wildrye	10
					Mountain big sagebrush	10
					Arrowleaf balsamroot	5
					Idaho fescue	5
					Nevada bluegrass	5
					Thurber needlegrass	5
Bregar	---	800	600	400	Bluebunch wheatgrass	20
					Low sagebrush	20
					Thurber needlegrass	15
					Webber ricegrass	15
					Bluegrass	10
					Antelope bitterbrush	5
					Balsamroot	5
Gumble	---	800	600	400	Bluebunch wheatgrass	20
					Thurber needlegrass	20
					Bluegrass	10
					Webber ricegrass	10
					Wyoming big sagebrush	10
					Indian ricegrass	5

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s5521:						<i>Pct</i>
Hunnton	---	800	600	400	Bluebunch wheatgrass	15
					Thurber needlegrass	15
					Wyoming big sagebrush	15
					Bluegrass	10
					Basin wildrye	5
					Globemallow	5
					Indian ricegrass	5
Linkup	---	800	600	400	Bluebunch wheatgrass	20
					Low sagebrush	20
					Thurber needlegrass	20
					Bluegrass	10
					Webber ricegrass	10
					Balsamroot	5
Ramires	---	1,000	800	600	Bluebunch wheatgrass	30
					Thurber needlegrass	20
					Big sagebrush	15
					Sandberg bluegrass	10
					Basin wildrye	5
					Tapertip hawksbeard	5
Tuffo	---	800	600	400	Thurber needlegrass	20
					Bluebunch wheatgrass	15
					Wyoming big sagebrush	15
					Basin wildrye	10
					Bluegrass	10
					Indian ricegrass	5
					Webber ricegrass	5

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s5521: Tweener	---	1,600	1,300	800	Antelope bitterbrush Bluebunch wheatgrass Idaho fescue Basin wildrye Mountain big sagebrush Nevada bluegrass Snowberry	30 25 20 5 5 5 5