

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>	
s5501:						
Tweener	---	1,600	1,300	800	Antelope bitterbrush Idaho fescue Bluebunch wheatgrass Mountain big sagebrush Nevada bluegrass	35 30 20 5 5
Shalcleav	---	700	500	300	Black sagebrush Thurber needlegrass Bluebunch wheatgrass Arrowleaf balsamroot Bluegrass Indian ricegrass Tapertip hawksbeard	25 25 15 5 5 5 5
Donna	---	800	600	400	Low sagebrush Thurber needlegrass Bluebunch wheatgrass Sandberg bluegrass Webber ricegrass Bottlebrush squirreltail Hooker balsamroot Other perennial forbs Other perennial grasses Other shrubs Phlox	20 20 10 10 10 5 5 5 5 5 5

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		<i>Lb/ac</i>	<i>Lb/ac</i>	<i>Lb/ac</i>		<i>Pct</i>
s5501: Graley	---	1,200	900	600	Bluebunch wheatgrass Idaho fescue Antelope bitterbrush Basin wildrye Mountain big sagebrush Nevada bluegrass Other perennial grasses Other shrubs Thurber needlegrass	20 15 10 10 10 5 5 5 5
Cleavage	---	1,000	700	400	Idaho fescue Bluebunch wheatgrass Low sagebrush Balsamroot Bluegrass Bottlebrush squirreltail	40 15 15 5 5 5
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

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s5501:						<i>Pct</i>
Hapgood	---	2,600	1,800	1,400	Mountain brome	15
					Idaho fescue	10
					Quaking aspen	10
					Slender wheatgrass	10
					Butterweed	5
					Common chokecherry	5
					Geranium	5
					Letterman needlegrass	5
					Melic	5
					Snowberry	5
Kleckner	---	1,000	800	600	Bluebunch wheatgrass	30
					Thurber needlegrass	20
					Big sagebrush	15
					Nevada bluegrass	10
					Arrowleaf balsamroot	5
					Basin wildrye	5
Rock outcrop	---	---	---	---	---	---
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

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s5501:						<i>Pct</i>
Perty	---	1,200	900	600	Idaho fescue	25
					Bluebunch wheatgrass	20
					Antelope bitterbrush	15
					Mountain big sagebrush	10
					Thurber needlegrass	10
					Arrowleaf balsamroot	5
					Basin wildrye	5
Chen	---	1,000	800	500	Idaho fescue	30
					Bluebunch wheatgrass	20
					Low sagebrush	15
					Bluegrass	10
					Antelope bitterbrush	5
					Balsamroot	5
Chen	---	1,000	700	400	Idaho fescue	30
					Bluebunch wheatgrass	20
					Low sagebrush	15
					Bluegrass	10
					Antelope bitterbrush	5
					Balsamroot	5
Cotant	---	1,000	700	400	Idaho fescue	30
					Bluebunch wheatgrass	20
					Low sagebrush	15
					Antelope bitterbrush	10
					Balsamroot	5
					Bluegrass	5
					Thurber needlegrass	5

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s5501:						<i>Pct</i>
Lerrow	---	1,300	900	600	Idaho fescue	30
					Bluebunch wheatgrass	25
					Basin big sagebrush	10
					Arrowleaf balsamroot	5
					Tapertip hawksbeard	5
Mclvey	---	1,200	900	600	Idaho fescue	35
					Bluebunch wheatgrass	20
					Mountain big sagebrush	10
					Antelope bitterbrush	5
					Arrowleaf balsamroot	5
					Basin wildrye	5
					Tapertip hawksbeard	5
					Thurber needlegrass	5
Mclvey	---	1,200	900	600	Idaho fescue	35
					Bluebunch wheatgrass	15
					Mountain big sagebrush	15
					Antelope bitterbrush	10
					Arrowleaf balsamroot	5
					Basin wildrye	5
					Tapertip hawksbeard	5
					Thurber needlegrass	5
Vitale	---	1,300	900	600	Bluebunch wheatgrass	30
					Idaho fescue	30
					Basin big sagebrush	15
					Bluegrass	10
					Basin wildrye	5

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s5501:						<i>Pct</i>
Pernog	---	900	600	400	Bluebunch wheatgrass	20
					Curleaf mountainmahogany	10
					Pine bluegrass	10
					Thurber needlegrass	10
					Basin wildrye	5
					Bottlebrush squirreltail	5
					Indian ricegrass	5
					Mountain big sagebrush	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
Welch	---	2,500	1,900	1,200	Basin wildrye	55
					Basin big sagebrush	15
					Nevada bluegrass	10
					Mat muhly	5
					Rabbitbrush	5
					Sedge	5