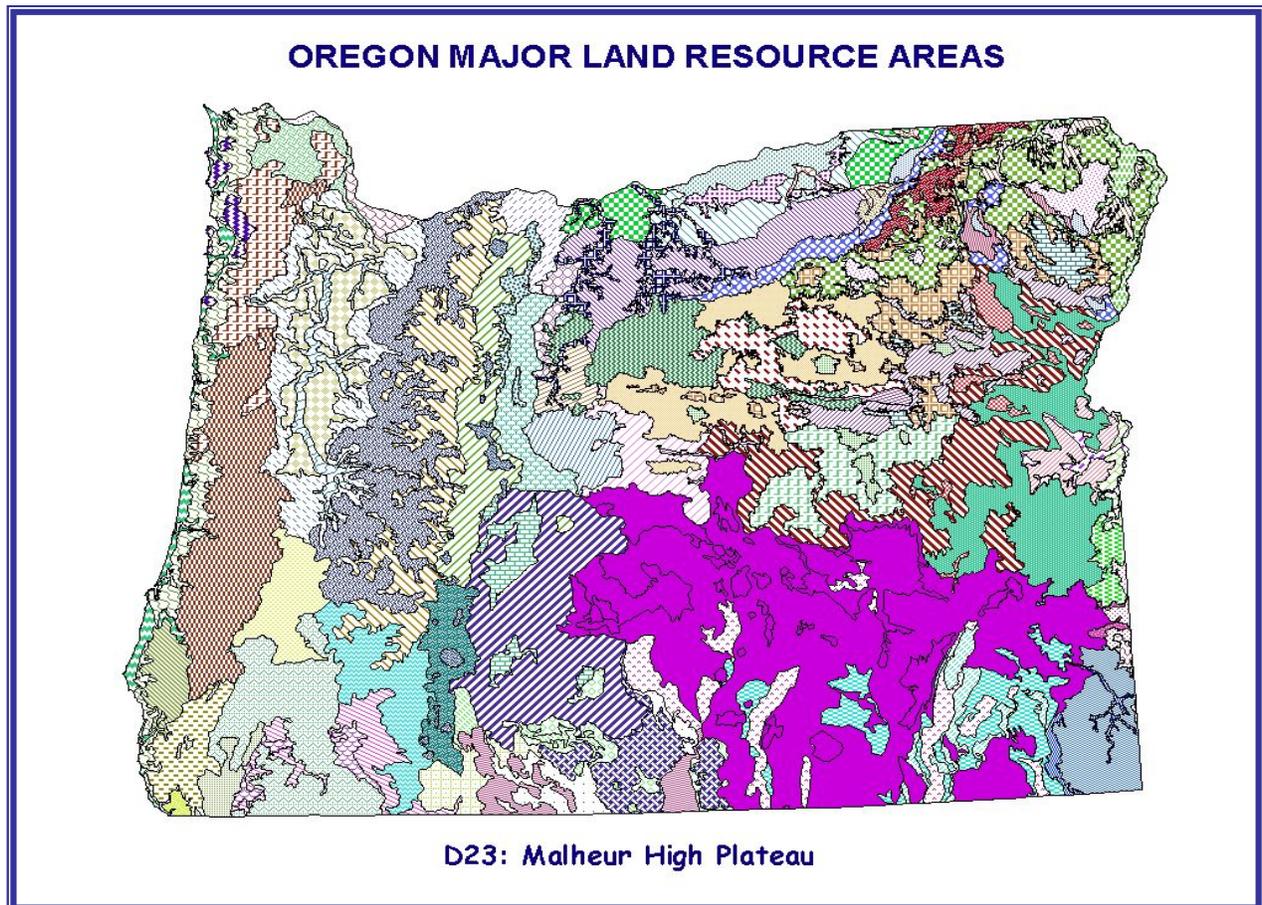


**MLRA D23**  
**(part 1 - sites 019 - 418)**  
**Malheur High Plateau**

**Ecological Site Descriptions - Historic Climax Plant  
Communities**  
**(for determining Rangeland Similarity Index,  
Production, and Rangeland Health)**



## USING ECOLOGICAL SITE DESCRIPTION FIELD SHEETS

The ESD field sheets are condensations of ecological site descriptions. They are designed to contain the necessary information for conducting rangeland inventory (see 190-NRPH, Amendment OR-2, 5-2004; 600.0401a **Oregon Protocols for Rangeland and Pasture / Hayland Inventory and Evaluation**). The information is provided for the following parts of rangeland inventory protocols:

### First Page:

- ✚ Ecological site name, number, plant association, and normal pounds per acre (air-dry) productivity in high seral condition.
- ✚ The Historic Climax Plant Community (HCPC) description including listing by common name, scientific name, NRCS national plant code, and functional grouping (see functional groupings list). Plants are grouped by grasses/grasslikes, forbs, shrubs, and trees.
- ✚ Percent composition by weight of each species in the HCPC (expected low to high range of composition in the plant community).
- ✚ Weight of each species in the HCPC (expected low to high range of weights in the plant community by pounds per acre; based on the percent composition times the normal pounds per acre (air-dry) productivity in high seral condition). These plant species weights are used for completing Rangeland Similarity Index. Enter the weight from the guide into **column J**, Pounds in Reference State, in the Rangeland Inventory Worksheet, Exhibit 4-11. Use the figures from either the Low or High columns (but not both). Be consistent, if you use the figures from the Low column, continue using these for the entire rangeland unit evaluation.
- ✚ The subtotal percentage and weight of each plant type appears in the shaded bars above each plant type grouping. The total percentages and weights (for low and high ranges) appear in the shaded bar at the bottom of the sheet. These total weights are used for completing Rangeland Similarity Index. Enter the total weight into **block L**, Total normal annual production in reference vegetative state (HCPC), in the Rangeland Inventory Worksheet, Exhibit 4-11. Use the total that corresponds to the species values used; if Low range values were used, use the Low total, if the High values were used, use the High total; do not compare values across columns.

### Second Page:

- ✚ Initial stocking rates for general seral conditions are provided in the first block. These are based on the normal pounds per acre (air-dry) productivity in high seral condition and are adjusted downwards for decreasing ecological condition. These values are conservative and may not reflect the actual productivity of the site; they can be used to develop forage inventories and consequently prescribed grazing plans but generally will not be as accurate as on-site estimations of productivity.
- ✚ The remainder of the sheet contains the seventeen indicators (and weights) of Rangeland Health and a brief description of potentials of each for this ecological site. Use these with the Rangeland Health Indicator Matrix, Exhibit 4-12 to complete the Rangeland Health Assessment on the Oregon Rangeland Inventory Worksheet, Exhibit 4-11.

## FUNCTIONAL GROUPINGS FOR RANGEGLAND ECOLOGICAL SITES IN OREGON

TYPE	I	II	III*	GROUP
GRASS/GRASSLIKE	Perennial	Deep-rooted (to 3+ feet)	Dominant	1
			Sub-dominant	2
	Perennial	Shallow-rooted (< 2 feet)	Dominant	3
			Sub-dominant	4
	Perennial	Others (PPGG)	All	5
	Annual	All	All	6
FORBS	Perennial	All	Dominant	7
			Sub-dominant	8
	Perennial	Others (PPFF)	All	9
	Annual	All	All	10
SHRUBS	Perennial	Evergreen	Dominant	11
			Sub-dominant	12
	Perennial	Deciduous (or 1/2 shrubs)	Dominant	13
			Sub-dominant	14
	Perennial	Others (SSSS)	All	15
	TREES	Perennial	Evergreen	Dominant
Sub-dominant				17
Perennial		Deciduous	Dominant	18
			Sub-dominant	19

* Category III	
<b>Dominant:</b>	Species with the highest percent composition. If another species has at least 1/2 the percent composition in the high column as the clearly dominant species has in the low column, then it too is dominant.
<b>Sub Dominant:</b>	Less than 1/2 the percent composition of the clearly dominant species in the high column as the clearly dominant species has in the low column.
<b>All:</b>	"Other" species are grouped as aggregates and may or may not be present. They are always sub dominant to other species with individual percentages of composition.

Site Number	Name	HCPC Plant Association	Soil Temp	Production: Favorable	Production: Normal	Production: Unfavorable	NASIS Plants
R023XY019OR	SILT LOAM TERRACE 10-20 PZ	PSSP6-LECI4/ARTRT	Frigid	1200	1000	500	KOMA (5) ACTH7 (10) ARTRT (15) LECI4 (20) PSSP6 (50)
R023XY070OR	ALKALINE BOTTOM 8-10 PZ	LECI4/ARTRT-SAVE4	Frigid				LECI4 (40) DISPS2 (5) ARTRT (25) SAVE4 (20)
R023XY100OR	LAKEBED	ELEOC-JUBA/RUMEX	Frigid	1600	1100	700	ELEOC (40) IVAX (5) MURI (5) ELEM5 (5) JUBA (15) RUMEX (30)
R023XY104OR	LOAMY BOTTOM	LECI4/ARTRT	Frigid	6000	4500	2000	LETR5 (5) ARTRT (10) LECI4 (70)
R023XY115OR	WET MARSH	SCAC3-TYPHA	Mesic/Frigid	6000	4000	3000	TYPHA (5) SCAC3 (50)
R023XY116OR	SEMI-WET MARSH	TYPHA-SCAC3	Mesic/Frigid	7000	5000	4000	SCAC3 (15) TYPHA (70)
R023XY117OR	BASIN WET MEADOW	CANE2-JUBA-ELEOC	Mesic/Frigid	3000	2000	1500	ELEOC (15) JUBA (30) CANE2 (50)
R023XY118OR	BASIN DRY MEADOW	ELEOC-LETR5	Frigid	3000	2000	1500	ELEOC (80)
R023XY119OR	BASIN WILLOW	LETR5-CAREX/SAIN3	Frigid	4000	3000	2000	CAREX (5) JUBA (5) LETR5 (8) SAIN3 (30)
R023XY200OR	PONDED CLAY	POSE-LETR5/ARCA13	Frigid	1500	1000	600	POSE (45) MURI (5) ARCA13 (20) LETR5 (10)
R023XY202OR	SWALE 10-14 PZ	LECI4-PSSP6/ARTRT	Frigid	2000	1800	1500	ACOC3 (5) ACTH7 (5) POSE (5) PSSP6 (10) FEID (10) ARTRT (20) LECI4 (35)
R023XY210OR	PUMICE 10-12 PZ	FEID-ACOC3-CARO5/PUTR2-ARTRV	Frigid	1100	900	700	ACOC3 (5) ACTH7 (5) CARO5 (5) ARTRV (10) PUTR2 (10) FEID (50)
R023XY211OR	PUMICE CLAYPAN 10-12 PZ	FEID-ACHNA/ARAR8	Frigid	500	400	300	ACOC3 (5) ELMA7 (5) ACTH7 (5) ARAR8 (10) FEID (65)
R023XY212OR	LOAMY 10-12 PZ	ACTH7-PSSP6-ELEM5/ARTRW8	Frigid	800	600	400	GRAP (5) ACHY (7) ELEM5 (8) ARTRW8 (10) POSE (5) PSSP6 (25) ACTH7 (40)
R023XY213OR	SANDY LOAM 10-12 PZ	HECOC26-ACTH7-LECI4/ARTRT	Frigid	900	750	600	ACHY (5) LECI4 (10) ARTRT (10) ACTH7 (20) HECOC26 (40)
R023XY214OR	CLAYPAN 10-12 PZ	PSSP6-POSE/ARAR8	Frigid	800	600	400	LUPIN SP. (5) LOMAT. (5) BASA3 (5) POSE (10) ARAR8 (20) PSSP6 (40)
R023XY215OR	SHALLOW GRAVELLY LOAM 10-12 PZ	ACTH7-PSSP6/ARAR8	Frigid	500	400	300	ELEM5 (5) POSE (5) ARAR8 (10) PSSP6 (15) ACTH7 (50)
R023XY216OR	CLAYPAN 12-16 PZ	FEID-PSSP6-ACTH7/ARAR8	Frigid	800	600	400	ACTH7 (7) POSE (8) ARAR8 (15) PSSP6 (15) FEID (50)

Site Number	Name	HCPC Plant Association	Soil Temp	Production: Favorable	Production: Normal	Production: Unfavorable	NASIS Plants
R023XY217OR	JUNIPER TABLELAND 10-14 PZ	FEID-PSSP6- ACTH7/ARAR8/JUOC	Frigid	900	700	500	JUOC (10) ARAR8 (10) ACTH7 (10) POSE (10) PSSP6 (20) FEID (40)
R023XY218OR	THIN SURFACE CLAYPAN 10-16 PZ	POSE/ARAR8	Frigid	300	200	100	ARAR8 (20) POSE (45)
R023XY219OR	SHALLOW ASHY 10-12 PZ	PSSP6-FEID/ARTRW8	Frigid	1000	800	600	ARTRW8 (10) ACTH7 (5) POSE (10) PSSP6 (35) FEID (35)
R023XY220OR	CLAYEY 10-12 PZ	PSSP6-POSE/ARTRW8	Frigid	1000	700	500	ACTH7 (5) POCU33 (5) ARTRW8 (10) POSE (10) PSSP6 (60)
R023XY221OR	GRAVELLY TERRACE 10-12 PZ	FEID-ACOC3- ACTH7/ARTRW8	Frigid	800	600	400	ELMA7 (5) ACHY (5) ACTH7 (10) ACOC3 (15) ARTRW8 (15) FEID (35)
R023XY222OR	SHALLOW LAVA 10-12 PZ	ACTH7-PSSP6- POSE/ARTRT	Frigid	400	300	200	POSE (10) PSSP6 (20) ARTRT (25) ACTH7 (25)
R023XY300OR	SOUTH SLOPES 8-12 PZ	PSSP6-ACTH7/PUTR2- ARTRW8	Mesic/Frigid	900	700	500	PSSP6 (50) ARTRT (5) POSE (5) PUTR22 (10) ARTRW8 (10) ACTH7 (15)
R023XY301OR	DROUGHTY SOUTH SLOPES 11-13 PZ	PSSP6-ACTH7/ARTRT- ARTRW8	Frigid	1000	800	500	BASA3 (5) ARTRW8 (5) POSE (5) FEID (8) ARTRT (10) ACTH7 (25) PSSP6 (40)
R023XY302OR	SOUTH SLOPES 12-16 PZ	PSSP6/PUTR2-ARTRT	Frigid/Cryic	1200	900	600	PSSP6 (40) BASA3 (5) PUTR22 (5) POSE (5) FEID (5) ARTRT (10)
R023XY303OR	SANDY SLOPES 10-12 PZ	HECO26- ACHY/PUTR2/ARTRT	Frigid	1000	800	600	LECI4 (10) ARTRT (10) PUTR22 (10) ACHY (20) HECO26 (30)
R023XY308OR	NORTH SLOPES 10-12 PZ	FEID-PSSP6/ARTRW8- ARTRT	Frigid	1300	1000	700	ARTRT (5) POSE (5) PSSP6 (10) ARTRW8 (10) POCU33 (10) FEID (50)
R023XY310OR	NORTH SLOPES 12-16 PZ	FEID-PSSP6- LECI4/ARTRV-PUTR2	Frigid/Cryic	1500	1200	800	SYAL (5) PUTR22 (5) POSE (5) ARTRV (10) PSSP6 (10) LECI4 (10) FEID (45)
R023XY312OR	SHALLOW NORTH 12-16 PZ	FEID-PSSP6/ARAR8	Frigid/Cryic	1000	700	500	POSE (5) PSSP6 (10) ARAR8 (20) FEID (50)
R023XY314OR	GRAVELLY NORTH SLOPES 12-16 PZ	FEID-POSE- POCU3/ARTR4	Frigid	1200	900	600	ARTRV (5) PSSP6 (5) POSE (10) POCU3 (10) ARTR4 (15) FEID (55)
R023XY316OR	DROUGHTY LOAM 11-13 PZ	FEID-ACTH7- PSSP6/ARTRW8	Frigid	1200	1000	700	POSE (5) ARTRW8 (10) ARTRT (5) PSSP6 (20) ACTH7 (25) FEID (35)
R023XY318OR	LOAMY 12-16 PZ	FEID-ACTH7- PSSP6/ARTRT-ARTRV	Frigid/Cryic	1200	1000	700	ARTRT (5) POSE (5) ARTRV (10) PSSP6 (10) ACTH7 (15) FEID (50)
R023XY320OR	JUNIPER SOUTH SLOPES 12-16 PZ	PSSP6-FEID- ACTH7/ARTRV/JUOC	Frigid	800	600	400	POA SP. (8) ARTRV (10) JUOC (15) ACTH7 (15) FEID (20) PSSP6 (25)
R023XY321OR	DEEP LOAMY 12-16 PZ	FEID-ACTH7/ARTRV- PUTR2	Frigid	1100	850	500	LUPIN SP. (5) PSSP6 (5) PUTR2 (5) POSE (5) POCU3 (5) ARTRV (15) POA SP. (15) FEID (30)

Site Number	Name	HCPC Plant Association	Soil Temp	Production: Favorable	Production: Normal	Production: Unfavorable	NASIS Plants
R023XY324OR	SHALLOW SWALE 10-14 PZ	POSE-LETR5/ARAR8	Frigid	700	500	300	LETR5 (10) ARAR8 (15) POSE (60)
R023XY400OR	LOAMY 16-20 PZ	FECA4-FEID/ARTRV	Cryic	1100	800	600	FECA4 (50) ERVI5 (5) POSE (5) FEID (10) ARTRV (20)
R023XY404OR	DEEP NORTH 12-18 PZ	FEID-ACHNA/ARTRV- PUTR2	Frigid/Cryic	1600	1200	800	SYAL (5) POA (5) PSSP6 (7) ARTRV (8) ACHNA (15) FEID (60)
R023XY406OR	SWALE 12-16 PZ	LECI4-POCU3/ARTRV- SYAL	Cryic	1800	1400	1000	PUTR2 (5) SYAL (8) ERVI5 (8) ARTRV (10) FEID (10) POCU3 (15) LECI4 (40)
R023XY408OR	ROCKY RIDGES 12-16 PZ	FEID-POCU3/CELE3- ARTRV	Frigid/Cryic	800	600	400	SYAL (5) ARTRV (5) ACOC3 (10) PCU3 (15) CELE3 (20) FEID (40)
R023XY410OR	GRAVELLY RIDGE 12-16 PZ	FEID-PSSP6/ARAR8	Cryic	800	600	400	LUPIN SP. (5) POSE (5) PSSP6 (10) ARAR8 (15) FEID (40)
R023XY412OR	GRAVELLY RIDGE 16+ PZ	FECA4-FEID/ARAR8	Frigid	1000	800	600	LUPIN SP. (5) ARAR8 (5) ROLDA (5) POSE (5) FEID (15) FECA4 (50)
R023XY414OR	SEMI-WET MEADOW	ELTR7-POLE	Frigid	2200	2000	1500	KOMA (5) MURI (5) POSE (5) ELTR7 (40) POLE (40)
R023XY416OR	WET MEADOW	DECA18-CANE2	Cryic	2500	2000	1000	PHLARIS (5) GLOC (5) CANE2 (5) JUBA (5) DECA18 (60)
R023XY418OR	ASPEN 16-35 PZ	CAREX-ACHNA/POTR5- SYAL	Cryic	2000	1500	1000	MELICA (5) ARTRV (5) BRCAC2 (5) ACHNA (10) SYAL (10) CAREX (15) POTR5 (40)
R023XY501OR	SHALLOW LOAM 16-25 PZ	FEID-FECA4/ARTRV	Cryic	1400	1000	700	FECA4 (5) FEID (50) ACOC3 (5) CAREX (5) LECI4 (5) ARTRV (10)
R023XY502OR	LOAMY 25-35 PZ	FEID-CAREX/ARTRV	Cryic	800	600	400	FEID (50) FECA4 (10) PCU3 (10) CAREX (15) ARTRV (15)
R023XY503OR	OPEN SLOPES 25-35 PZ	CAREX-ACLE9-FEID	Cryic	700	500	300	CAREX (25) ACOC3 (5) FECA4 (5) KOMA (5) FEID (25) ACLE9 (20)
R023XY504OR	SUBALPINE LOAMY 35-40 PZ	FECA4-FEID-DECA18	Cryic	800	600	400	DECA18 (5) PCU3 (5) FEID (20) FECA4 (60)
R023XY505OR	SUBALPINE THIN SURFACE 35-40 PZ	FEID-POCU3-POSE	Cryic	400	300	200	ELEL5 (5) POSE (15) FEID (60) PCU3 (20)
R023XY506OR	SUBALPINE MEADOW	DECA18-CAREX/SALIX- PHAL2	Cryic	1600	1200	800	SALIX (8) PHAL2 (8) CAREX (20) DECA18 (45)
R023XY507OR	CLAYPAN 16-25 PZ	FEID-DAUN/ARAR8	Cryic	900	700	500	ACOC3 (5) KOMA (5) ACLE9 (5) FEFI (10) DAUN (10) ARAR8 (15) FEID (55)
R023XY508OR	PUMICE FLAT 10-12 PZ	ACOC3-CARO5- ELEL5/ARTRV	Frigid	600	500	400	ELMA7 (5) ELEL5 (5) ACTH7 (5) CARO5 (15) ARTRV (20) ACOC3 (40)

Site Number	Name	HCPC Plant Association	Soil Temp	Production: Favorable	Production: Normal	Production: Unfavorable	NASIS Plants
R023XY509OR	SUBALPINE SLOPES 16-35 PZ	FEID/ARTRV-SYAL	Cryic	1200	800	500	CAREX (5) PSSP6 (5) LECI4 (5) ACLE9 (5) SYAL (10) ARTRV (15) FEID (55)
R023XY510OR	ROCKY RIDGES 16-35 PZ	FEID-ACLE9/CELE3-ARTRV	Cryic	1000	800	600	ACOC3 (5) FEFI (5) SYAL (5) ARTRV (5) ACLE9 (5) CELE3 (25) FEID (25)
R023XY511OR	JUNIPER LAVA BENCHES 9-12 PZ	FEID-POSE/ARAR8/JUOC	Frigid	900	700	500	FEID (50) POSE (10) ACTH7 (5) ARAR8 (15) JUOC (10)
R023XY512OR	DRY LAKEBED 10-12 PZ	FEID-ACTH7/ARTRV	Frigid	1100	900	700	ACOC3 (5) KOMA (5) LECI4 (5) CARO5 (5) POSE (5) ACHY (5) ARTRV (10) ACTH7 (10) FEID (40)
R023XY514OR	PUMICE 8-10 PZ	FEID-ACTH7/ARTRV	Frigid	900	700	500	ACOC3 (5) ERMI4 (5) KOMA (5) ACTH7 (5) CARO5 (5) ARTRV (15) FEID (50)
R023XY515OR	DROUGHTY ASHY 9-12 PZ	FEID-PSSP6-ACTH7/ARTRV	Frigid	1000	800	600	ACTH7 (5) POSE (5) ACHY (5) PSSP6 (10) ARTRV (15) FEID (50)
R023XY516OR	STONY LOAM 10-12 PZ	FEID-ACTH7/ARTRV-PUTR2	Frigid	1000	800	600	JUOC (5) ACTH7 (5) POSE (5) ARTRV (15) ARTRW8 (5) PSSP6 (10) PUTR2 (10) FEID (45)
R023XY600OR	SHALLOW SOUTH SLOPES 8-12 PZ	PSSP6-ACTH7/ARAR8	Mesic/Frigid	900	700	500	PSSP6 (40) ACTH7 (5) ARAR8 (5) POSE (5) FEID (5)
R023XY601OR	THIN SURFACE 8-14 PZ	ELEL5-ACTH7/ARNO4	Mesic/Frigid	500	400	300	ELEL5 (20) POSE (10) ACTH7 (15) ARNO4 (40) PSSP6 (10)
R023XY602OR	ARID NORTH 8-10 PZ	ELEL5-ACTH7-PSSP6/ARNO4	Mesic/Frigid	900	600	400	PSSP6 (40) POSE (10) ACTH7 (15) ARNO4 (60) ARTRT (20) ARTRW8 (5)
R023XY604OR	ARID PLAINS 8-11 PZ	PSSP6-ACTH7/ARTRW8-ARTRT	Frigid	1000	800	500	PSSP6 (45) ACTH7 (25) ACHY (5) POSE (5) ARTRW8 (15)
R023XY606OR	SHRUBBY PUMICE PLAINS 8-11 PZ	HECO26-ACOC3/ARTRV-PUTR2	Frigid	1100	800	500	HECO26 (40) ACOC3 (5) CARO5 (5) ACHY (5) ARTRV (15) PUTR2 (15) ERNA10 (5)
R023XY607OR	PUMICE PLAINS 8-11 PZ	HECO26-ACOC3/ARTRV-ERNA10	Frigid	1000	800	500	HECO26 (50) ACOC3 (5) CARO5 (5) ACHY (5) ARTRV (20) ERNA10 (5) ACTH7 (5)
R023XY608OR	DROUGHTY PUMICE PLAINS 8-11 PZ	HECO26-ACOC3/ARTRT-ERNA10	Frigid	1000	800	500	HECO26 (50) ACOC3 (5) ACHY (5) CARO5 (5) ARTRT (20) ERNA10 (5) ACTH7 (5)
R023XY609OR	DROUGHTY BOTTOM 8-10 PZ	LECI4/ARTRT	Frigid/Mesic	1400	1100	700	LECI4 (55) ARTRT (15) ELEL5 (5)
R023XY610OR	PUMICE DUNES 8-10 PZ	ACHY-LETR5/ARTRT-ERNA10	Frigid	800	600	500	ACHY (35) LETR5 (5) ARTRT (25) ERNA10 (5) ERTE18 (5)
R023XY612OR	PUMICE SOUTH SLOPES 10-14 PZ	FEID-PSSP6-POSE/ARTRV-PUTR2	Frigid	900	700	500	FEID (50) PSSP6 (15) POSE (15) ACTH7 (5) ARTRV (10) PUTR2 (5)
R023XY613OR	PUMICE NORTH SLOPES 10-12 PZ	FEID-PSSP6/ARTRV	Frigid	1200	900	600	FEID (50) PSSP6 (15) ACTH7 (5) ARTRV (15)

Site Number	Name	HCPC Plant Association	Soil Temp	Production: Favorable	Production: Normal	Production: Unfavorable	NASIS Plants
R023XY618OR	DRY FLOODPLAIN 8-10 PZ	LECI4/ARTRT	Mesic	3000	2000	1500	LECI4 (70) ARTRT (15)
R023XY619OR	DRY SANDY LOAM 8-10 PZ	HECO26-ACHY/ARTRT	Mesic	800	600	400	HECO26 (55) ACHY (15) ARTRT (10)
R023XY628OR	SODIC BASIN 8-10 PZ	LECI4-ELEL5/SAVE4-GRSP	Mesic/Frigid	600	500	400	SAVE4 (40) GRSP (10) ATCO (5) ELEL5 (10) LECI4 (10) PIDE4 (5)
R023XY635OR	LOAMY 8-10 PZ	ACTH7-ACHY-PSSP6/ARTRT-ARTRW8	Mesic	800	600	400	ACTH7 (20) ACHY (15) PSSP6 (15) ELEL5 (5) HECO26 (5) ARTRT (15) ARTRW8 (5)
R023XY636OR	SHALLOW LOAM 8-10 PZ	ACTH7-ACHY-PSSP6/ARTRW8-ARTRT	Mesic/Frigid	700	500	300	ACTH7 (20) ACHY (15) PSSP6 (15) ELEL5 (5) ARTRW8 (10) ARTRT (5)
R023XY638OR	DROUGHTY SOUTH 8-10 PZ	PSSP6-ACTH7/ARTRW8-ARTRT	Mesic	900	700	500	PSSP6 (30) ACTH7 (25) ELEL5 (5) POSE (5) ARTRW8 (20) ARTRT (5)
R023XY649OR	DROUGHTY SANDY SLOPES 10-12 PZ	HECO26-PSSP6/ARTRT	Frigid	500	400	300	HECO26 (20) PSSP6 (15) ACHY (5) ACTH7 (5) ARTRT (10)
R023XY650OR	DRY PONDED CLAY 6-10 PZ	LETR5-ELEL5/ARTRT	Mesic/Frigid	1000	700	500	LETR5 (15) LECI4 (10) ELEL5 (15) POSE (5) ARTRT (25)
R023XY653OR	ARID FAN 8-10 PZ	ACHY-ACTH7/ARTRW8	Frigid/Mesic	600	400	200	ACHY (10) ACTH7 (10) LECI4 (5) PPS (5) ELEL5 (5) ARTRW8 (15) ARTRT (5) GRSP (5)
R023XY659OR	FESCUE PUMICE PLAINS 8-11 PZ	FEID/ARTRV/JUOC	Frigid	800	600	400	FEID (45) ACTH7 (5) PSSP6 (5) ARTRV (5) JUOC (10)
R023XY666OR	STIPA FESCUE PLAINS 8-10 PZ	HECO26-FEID/ARTRV	Frigid	900	700	500	HECO26 (40) FEID (15) ACTH7 (5) PSSP6 (5) ARTRV (10)
R023XY670OR	STIPA FESCUE BASIN 8-11 PZ	HECO26-FEID/ARTRT	Frigid	700	600	500	HECO26 (35) FEID (25) ACTH7 (5) ACHY (5) ARTRT (10)
R023XY672OR	FRACTURED LAVA FLOW 8-10 PZ	PSSP6-POSE/ARTRT-RICE-CHMI2	Frigid	400	300	200	POSE (5) PSSP6 (5) ARTRT (30) RICE (10) CHMI2 (10)
R023XY673OR	DROUGHTY JUNIPER HILLS 8-11 PZ	FEID-PSSP6/ARTRT/JUOC	Frigid	800	600	400	FEID (35) PSSP6 (15) ACTH7 (10) ARTRT (10) JUOC (10)
R023XY675OR	STIPA JUNIPER HILLS 8-11 PZ	HECO26-PSSP6/ARTRV	Frigid	900	600	400	HECO26 (15) PSSP6 (10) ARTRV (15)



<b>Site Name</b> SILT LOAM TERRACE 10-12 PZ					
<b>Site Number</b> 023XY019OR					
<b>Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible</b>	<b>Class</b>	<b>Poor</b>	<b>Fair</b>	<b>Good</b>	<b>Excellent</b>
	<b>Low</b>	<b>0.03</b>	<b>0.08</b>	<b>0.13</b>	<b>0.18</b>
	<b>High</b>	<b>0.05</b>	<b>0.15</b>	<b>0.24</b>	<b>0.34</b>
<b>Rangeland Health Indicator [wt]</b>	<b>Potential for this Site</b>				
1. Number and extent of rills [1.0]	None, Slight sheet & rill erosion hazard				
2. Presence of water flow patterns [1.0]	None				
3. Number and height of erosional pedestals or terracettes [1.0]	None to very few pedestals				
4. Bare ground (rock, litter, lichen, moss, plant canopy are <i>not</i> bare ground) [1.0]	10-30%				
5. Number of gullies and erosion associated with gullies [1.0]	None				
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, Slight wind erosion hazard				
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement				
8. Soil surface resistance to erosion (average stability values) [1.0]	Moderately to significantly resistant to erosion: aggregate stability = 3-5				
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Deep to very deep well drained silt loams (7 inches thick): Moderate OM (3-5%)				
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Moderate ground cover (40-50%) and gentle slopes (2-5%) effectively limit rainfall impact and overland flow				
11. Presence and thickness of compaction layer [1.0]	None				
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Bluebench Wheatgrass > Basin Wildrye > Basin Big Sagebrush > other grasses > forbs				
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected				
14. Average percent litter cover and depth (inches) [1.0]	10-20% (<0.5")				
15. Expected annual production (total above-ground) [1.0]	Favorable: 1200, Normal: 1000, Unfavorable: 500 lbs/acre/year at high RSI (HCPC)				
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community. Western Juniper readily invades the site. Cheatgrass and Medusahead invade sites that have lost deep rooted perennial grass functional groups				
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually				



Site Name LAKEBED					
Site Number 023XY100OR					
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent
	Low	0.04	0.11	0.18	0.25
	High	0.06	0.19	0.32	0.44
Rangeland Health Indicator [wt]	Potential for this Site				
1. Number and extent of rills [1.0]	None, Slight sheet & rill erosion hazard				
2. Presence of water flow patterns [1.0]	None				
3. Number and height of erosional pedestals or terracettes [1.0]	None				
4. Bare ground (rock, litter, lichen, moss, plant canopy are <i>not</i> bare ground) [1.0]	10-30%				
5. Number of gullies and erosion associated with gullies [1.0]	None				
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, Slight wind erosion hazard				
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement				
8. Soil surface resistance to erosion (average stability values) [1.0]	Moderately to significantly resistant to erosion: aggregate stability = 4-6				
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Deep poorly drained silt loams: Moderate OM (2-4%)				
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Moderate ground cover (40-60%) and gentle slopes (0-1%) effectively limit rainfall impact and overland flow				
11. Presence and thickness of compaction layer [1.0]	None				
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Spikerush > Dock > Baltic Rush > Mat Muhly = Povertyweed = Squirreltail > other grasses > other forbs				
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected				
14. Average percent litter cover and depth (inches) [1.0]	10-25% (<0.5")				
15. Expected annual production (total above-ground) [1.0]	Favorable: 1600, Normal: 1100, Unfavorable: 700 lbs/acre/year at high RSI (HCPC)				
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Squirreltail, povertyweed, and knotweed will increase with deterioration of plant community. Cheatgrass and Medusahead invade sites that have lost deep rooted perennial grass functional groups				
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually				



Site Name <b>LOAMY BOTTOM</b>					
Site Number <b>023XY104OR</b>					
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent
	Low	0.16	0.49	0.81	1.13
	High	0.24	0.71	1.18	1.66
Rangeland Health Indicator [wt]	Potential for this Site				
1. Number and extent of rills [1.0]	None,				
2. Presence of water flow patterns [1.0]	None				
3. Number and height of erosional pedestals or terracettes [1.0]	None				
4. Bare ground (rock, litter, lichen, moss, plant canopy are <i>not</i> bare ground) [1.0]	10-25%				
5. Number of gullies and erosion associated with gullies [1.0]	None				
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, Moderate wind erosion hazard				
7. Amount of litter movement (size and distance of travel) [1.0]	Fine to moderately coarse - limited movement				
8. Soil surface resistance to erosion (average stability values) [1.0]	Moderately resistant to erosion: aggregate stability = 3-5				
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Deep well drained silt loam: Moderate OM (3-5%)				
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Moderate ground cover (40-60%) and gentle slopes (0-7%) effectively limit rainfall impact and overland flow				
11. Presence and thickness of compaction layer [1.0]	None				
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Basin Wildrye > other grasses > shrubs > forbs				
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected				
14. Average percent litter cover and depth (inches) [1.0]	20-40% (0.5-1.5")				
15. Expected annual production (total above-ground) [1.0]	Favorable: 6000, Normal: 4500, Unfavorable: 2000 lbs/acre/year at high RSI (HCPC)				
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community. Cheatgrass and Medusahead invade sites that have lost deep rooted perennial grass functional groups				
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually				



Site Name		WET MARSH				
Site Number		023XY115OR				
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent	
	Low	0.11	0.34	0.56	0.79	
	High	0.23	0.68	1.14	1.59	
Rangeland Health Indicator [wt]	Potential for this Site					
1. Number and extent of rills [1.0]	None					
2. Presence of water flow patterns [1.0]	None					
3. Number and height of erosional pedestals or terracettes [1.0]	None					
4. Bare ground (rock, litter, lichen, moss, plant canopy are <i>not</i> bare ground) [1.0]	0-5%					
5. Number of gullies and erosion associated with gullies [1.0]	None					
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, Moderate wind erosion hazard					
7. Amount of litter movement (size and distance of travel) [1.0]	Fine to moderately coarse - limited movement					
8. Soil surface resistance to erosion (average stability values) [1.0]	Moderately to significantly resistant to erosion: aggregate stability = 4-6					
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Very deep poorly drained silt loam to muck: Moderate to High OM (3-6%)					
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Significant ground cover (90-120%) and gentle slopes (0-1%) effectively limit rainfall impact and overland flow					
11. Presence and thickness of compaction layer [1.0]	None					
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Hardstem Bulrush > Broadfruit Burreed > other emergent grass-likes > other emergent forbs					
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected					
14. Average percent litter cover and depth (inches) [1.0]	20-40% (0.5-1.5")					
15. Expected annual production (total above-ground) [1.0]	Favorable: 6000, Normal: 4000, Unfavorable: 3000 lbs/acre/year at high RSI (HCPC)					
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Cattail species will increase with deterioration of plant community. Reed Canarygrass, Meadow Foxtail, Kentucky bluegrass, thistles, perennial pepperweed, and foxtail barley invade sites that have lost deep rooted perennial grass functional groups					
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually					



<b>Site Name</b> SEMI-WET MARSH					
<b>Site Number</b> 023XY116OR					
<b>Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible</b>	<b>Class</b>	<b>Poor</b>	<b>Fair</b>	<b>Good</b>	<b>Excellent</b>
	<b>Low</b>	0.16	0.48	0.80	1.12
	<b>High</b>	0.26	0.79	1.32	1.84
<b>Rangeland Health Indicator [wt]</b>	<b>Potential for this Site</b>				
1. Number and extent of rills [1.0]	None				
2. Presence of water flow patterns [1.0]	None to some				
3. Number and height of erosional pedestals or terracettes [1.0]	None				
4. Bare ground (rock, litter, lichen, moss, plant canopy are <i>not</i> bare ground) [1.0]	0-5%				
5. Number of gullies and erosion associated with gullies [1.0]	None				
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, Slight wind erosion hazard				
7. Amount of litter movement (size and distance of travel) [1.0]	Fine to moderately coarse - limited movement				
8. Soil surface resistance to erosion (average stability values) [1.0]	Moderately to significantly resistant to erosion: aggregate stability = 4-6				
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Very deep poorly drained silt loam to muck: Moderate to High OM (3-6%)				
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Significant ground cover (90-120%) and gentle slopes (0-1%) significantly limit rainfall impact and overland flow				
11. Presence and thickness of compaction layer [1.0]	None				
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Cattails > Bulrushes > Grasses and Grass-like > other emergent forbs				
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected				
14. Average percent litter cover and depth (inches) [1.0]	20-40% (0.5-1.5")				
15. Expected annual production (total above-ground) [1.0]	Favorable: 7000, Normal: 5000, Unfavorable: 4000 lbs/acre/year at high RSI (HCPC)				
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Rush species will increase with deterioration of plant community. Reed Canarygrass, Meadow Foxtail, Kentucky bluegrass, thistles, perennial pepperweed, and foxtail barley invade sites that have lost deep rooted perennial grass functional groups				
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually				



Site Name		BASIN WET MEADOW				
Site Number		023XY117OR				
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent	
	Low	0.06	0.18	0.30	0.43	
	High	0.11	0.34	0.57	0.79	
Rangeland Health Indicator [wt]	Potential for this Site					
1. Number and extent of rills [1.0]	None					
2. Presence of water flow patterns [1.0]	None to some					
3. Number and height of erosional pedestals or terracettes [1.0]	None					
4. Bare ground (rock, litter, lichen, moss, plant canopy are <i>not</i> bare ground) [1.0]	0-5%					
5. Number of gullies and erosion associated with gullies [1.0]	None					
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, Moderate wind erosion hazard					
7. Amount of litter movement (size and distance of travel) [1.0]	Fine to moderately coarse - limited movement					
8. Soil surface resistance to erosion (average stability values) [1.0]	Moderate to significant resistant to erosion: aggregate stability = 4-6					
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Very deep poorly drained medium textured soils: Moderate to high OM (3-6%)					
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Significant ground cover (90-120%) and gentle slopes (0-1%) significantly limit rainfall impact and overland flow					
11. Presence and thickness of compaction layer [1.0]	None					
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Nebraska Sedge > Baltic Rush > Spikerush > other grasses & grass-like > forbs					
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected					
14. Average percent litter cover and depth (inches) [1.0]	20-40% (0.5-1.5")					
15. Expected annual production (total above-ground) [1.0]	Favorable: 3000, Normal: 2000, Unfavorable: 1500 lbs/acre/year at high RSI (HCPC)					
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Rush species will increase with deterioration of plant community. Reed Canarygrass, Meadow Foxtail, Kentucky bluegrass, thistles, perennial pepperweed, and foxtail barley invade sites that have lost deep rooted perennial grass functional groups					
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually					



Site Name		BASIN DRY MEADOW				
Site Number		023XY118OR				
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent	
	Low	0.07	0.21	0.34	0.48	
	High	0.09	0.28	0.47	0.66	
Rangeland Health Indicator [wt]	Potential for this Site					
1. Number and extent of rills [1.0]	None,					
2. Presence of water flow patterns [1.0]	None to some					
3. Number and height of erosional pedestals or terracettes [1.0]	None					
4. Bare ground (rock, litter, lichen, moss, plant canopy are <i>not</i> bare ground) [1.0]	0-5%					
5. Number of gullies and erosion associated with gullies [1.0]	None					
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, Moderate wind erosion hazard					
7. Amount of litter movement (size and distance of travel) [1.0]	Fine to moderately coarse - limited movement					
8. Soil surface resistance to erosion (average stability values) [1.0]	Moderately resistant to erosion: aggregate stability = 3-5					
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Very deep somewhat poorly drained medium textured soils: Moderate to High OM (3-6%)					
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Significant ground cover (9-110%) and gentle slopes (0-3%) significantly limit rainfall impact and overland flow					
11. Presence and thickness of compaction layer [1.0]	None					
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Creeping Wildrye > other grasses & grass-like > forbs					
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected					
14. Average percent litter cover and depth (inches) [1.0]	20-40% (<1.5")					
15. Expected annual production (total above-ground) [1.0]	Favorable: 3000, Normal: 2000, Unfavorable: 1500 lbs/acre/year at high RSI (HCPC)					
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Povertyweed will increase with deterioration of plant community. Canadian Thistle, perennial pepperweed, annuals, and foxtail barley invade sites that have lost deep rooted perennial grass functional groups					
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually					



<b>Site Name</b> BASIN WILLOW					
<b>Site Number</b> 023XY119OR					
<b>Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible</b>	<b>Class</b>	<b>Poor</b>	<b>Fair</b>	<b>Good</b>	<b>Excellent</b>
	<b>Low</b>	<b>0.08</b>	<b>0.23</b>	<b>0.38</b>	<b>0.53</b>
	<b>High</b>	<b>0.17</b>	<b>0.51</b>	<b>0.84</b>	<b>1.18</b>
<b>Rangeland Health Indicator [wt]</b>	<b>Potential for this Site</b>				
<b>1. Number and extent of rills [1.0]</b>	None, Moderate Sheet & rill erosion hazard.				
<b>2. Presence of water flow patterns [1.0]</b>	None to some, With reduced vegetative cover strembanks become unstable, streams become incised and groundwater tables are lowered.				
<b>3. Number and height of erosional pedestals or terracettes [1.0]</b>	None				
<b>4. Bare ground (rock, litter, lichen, moss, plant canopy are <i>not</i> bare ground) [1.0]</b>	0-5%				
<b>5. Number of gullies and erosion associated with gullies [1.0]</b>	None				
<b>6. Extent of wind scoured, blowouts and/or depositional areas [1.0]</b>	None, Moderate wind ersoion hazard				
<b>7. Amount of litter movement (size and distance of travel) [1.0]</b>	Fine to coarse - limited movement				
<b>8. Soil surface resistance to erosion (average stability values) [1.0]</b>	Moderately resistant to erosion: aggregate stability = 3-5				
<b>9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]</b>	Very deep somewhat poorly drained loams: Moderate to High OM (3-6%)				
<b>10. Effect of plant community composition and spatial distribution on infiltration &amp; runoff [1.0]</b>	Significant ground cover (80-120%) and gentle slopes (0-3%) significantly limit rainfall impact and overland flow				
<b>11. Presence and thickness of compaction layer [1.0]</b>	None				
<b>12. Functional / structural groups (listed in order of descending dominance) [1.0]</b>	Coyote Willow > Yelow Willow = Pacific Willow > Creeping Wildrye > Baltic Rush = Sedges = other grasses & grass-likes > other shrubs = forbs				
<b>13. Amount of plant mortality and decadence [1.0]</b>	Normal decadence and mortality expected				
<b>14. Average percent litter cover and depth (inches) [1.0]</b>	20-50% (<2.0")				
<b>15. Expected annual production (total above-ground) [1.0]</b>	Favorable: 4000, Normal: 3000, Unfavorable: 2000 lbs/acre/year at high RSI (HCPC)				
<b>16. Potential invasive (including noxious) species (native and non-native) [1.0]</b>	Perennial brush species will increase with deterioration of plant community. Cheatgrass and Medusahead invade sites that have lost deep rooted perennial grass functional groups				
<b>17. Perennial plant reproductive capability [1.0]</b>	All species should be capable of reproducing annually				



Site Name		PONDED CLAY				
Site Number		023XY200OR				
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent	
	Low	0.03	0.09	0.16	0.22	
	High	0.05	0.15	0.25	0.35	
Rangeland Health Indicator [wt]	Potential for this Site					
1. Number and extent of rills [1.0]	None, xxx sheet & rill erosion hazard					
2. Presence of water flow patterns [1.0]	None					
3. Number and height of erosional pedestals or terracettes [1.0]	None to very few pedestals					
4. Bare ground (rock, litter, lichen, moss, plant canopy are <i>not</i> bare ground) [1.0]	10-30%					
5. Number of gullies and erosion associated with gullies [1.0]	None					
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, Moderate wind erosion hazard					
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement					
8. Soil surface resistance to erosion (average stability values) [1.0]	Moderate to significant resistant to erosion: aggregate stability = 3-6					
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Deep poorly to very poorly drained neutral to mildly alkaline silt loam to clays: Low OM (0-2%)					
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Low ground cover (20-40%) and gentle slopes (0-2%) moderately limit rainfall impact and overland flow					
11. Presence and thickness of compaction layer [1.0]	None					
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Nevada Bluegrass > Creeping Wildrye > other grasses & grass-like > Silver Sagebrush > forbs					
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected					
14. Average percent litter cover and depth (inches) [1.0]	10-25% (<0.5")					
15. Expected annual production (total above-ground) [1.0]	Favorable: 1800, Normal: 1500, Unfavorable: 1000 lbs/acre/year at high RSI (HCPC)					
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community. Cheatgrass, Medusahead, and povertyweed invade sites that have lost deep rooted perennial grass functional groups					
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually					



<b>Site Name</b> SWALE 10-14 PZ					
<b>Site Number</b> 023XY202OR					
<b>Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible</b>	<b>Class</b>	<b>Poor</b>	<b>Fair</b>	<b>Good</b>	<b>Excellent</b>
	<b>Low</b>	0.06	0.18	0.30	0.42
	<b>High</b>	0.10	0.29	0.49	0.69
<b>Rangeland Health Indicator [wt]</b>	<b>Potential for this Site</b>				
1. Number and extent of rills [1.0]	None, moderate sheet & rill erosion hazard				
2. Presence of water flow patterns [1.0]	None to some, Streambanks become unstable from loss of vegetation and channels degrade.				
3. Number and height of erosional pedestals or terracettes [1.0]	None				
4. Bare ground (rock, litter, lichen, moss, plant canopy are <i>not</i> bare ground) [1.0]	0-5%				
5. Number of gullies and erosion associated with gullies [1.0]	None				
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, slight wind erosion hazard				
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement				
8. Soil surface resistance to erosion (average stability values) [1.0]	Moderately resistant to erosion: aggregate stability = 3-5				
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Deep to very deep, well drained sandy loams and silt loams - ephemeral subsurface flows from adjacent slopes augment the available water: moderate OM (1-3%)				
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Significant ground cover (70-80%) and gentle slopes (0-5%) effectively limit rainfall impact and overland flow				
11. Presence and thickness of compaction layer [1.0]	None				
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Basin wildrye > bluebunch wheatgrass > basin big sagebrush > idaho fescue > other grasses > forbs > other shrubs				
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected				
14. Average percent litter cover and depth (inches) [1.0]	20-40% (to 1.0")				
15. Expected annual production (total above-ground) [1.0]	Favorable: 2000, Normal: 1800, Unfavorable: 1500 lbs/acre/year at high RSI (HCPC)				
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community. Cheatgrass and Medusahead invade sites that have lost deep rooted perennial grass functional groups				
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually				



Site Name		PUMICE 10-12 PZ				
Site Number		023XY210OR				
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent	
	Low	0.03	0.09	0.15	0.21	
	High	0.05	0.15	0.25	0.35	
Rangeland Health Indicator [wt]	Potential for this Site					
1. Number and extent of rills [1.0]	None, Moderate sheet & rill erosion hazard					
2. Presence of water flow patterns [1.0]	None					
3. Number and height of erosional pedestals or terracettes [1.0]	None					
4. Bare ground (rock, litter, lichen, moss, plant canopy are <i>not</i> bare ground) [1.0]	0-5%					
5. Number of gullies and erosion associated with gullies [1.0]	None					
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None to some, High wind erosion hazard					
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement					
8. Soil surface resistance to erosion (average stability values) [1.0]	Slightly resistant to erosion: aggregate stability = 1-3					
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Very deep excessively drained pumice sands: Low OM (0-2%)					
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Significant ground cover (70-80%) and gentle to moderate slopes (0-20%) effectively limit rainfall impact and overland flow					
11. Presence and thickness of compaction layer [1.0]	None					
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Idaho Fescue > Western Needlegrass > Antelope Bitterbrush > other grasses = other shrubs > forbs					
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected					
14. Average percent litter cover and depth (inches) [1.0]	5-15% (<0.5")					
15. Expected annual production (total above-ground) [1.0]	Favorable: 1100, Normal: 900, Unfavorable: 700 lbs/acre/year at high RSI (HCPC)					
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community. Cheatgrass and Medusahead invade sites that have lost deep rooted perennial grass functional groups					
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually					



Site Name		PUMICE CLAYPAN 10-12 PZ				
Site Number		023XY211OR				
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent	
	Low	0.01	0.04	0.07	0.09	
	High	0.02	0.06	0.09	0.13	
Rangeland Health Indicator [wt]	Potential for this Site					
1. Number and extent of rills [1.0]	None, Slight sheet & rill erosion hazard					
2. Presence of water flow patterns [1.0]	None					
3. Number and height of erosional pedestals or terracettes [1.0]	None to very few pedestals					
4. Bare ground (rock, litter, lichen, moss, plant canopy are <i>not</i> bare ground) [1.0]	10-35%					
5. Number of gullies and erosion associated with gullies [1.0]	None					
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, Severe wind erosion hazard					
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement					
8. Soil surface resistance to erosion (average stability values) [1.0]	Slightly resistant to erosion: aggregate stability = 1-3					
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Shallow well drained sandy loam: Low OM (0-2%)					
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Moderate ground cover (50%) and gentle slopes (0-10%) moderately limit rainfall impact and overland flow					
11. Presence and thickness of compaction layer [1.0]	None					
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Idaho Fescue > Low Sagebrush > Thurber's Needlegrass > other grasses > forbs > other shrubs					
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected					
14. Average percent litter cover and depth (inches) [1.0]	5-10% (<0.5")					
15. Expected annual production (total above-ground) [1.0]	Favorable: 500, Normal: 400, Unfavorable: 300 lbs/acre/year at high RSI (HCPC)					
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community. Cheatgrass and Medusahead invade sites that have lost deep rooted perennial grass functional groups					
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually					

<b>Site Name</b>		<b>LOAMY 10-12 PZ</b>						
<b>Site Number</b>		<b>023XY212OR</b>						
<b>Plant Association</b>		<b>ACTH7-PSSP6-ELEL5/ARTRW8</b>						
<b>Normal Lbs./Ac.</b>		<b>600</b>						
<b>Range of composition and weight of species in HCPC with normal production:</b>					<b>% Comp. by Wt.</b>		<b>Lbs./Acre</b>	
<b>Common Name</b>	<b>Scientific Name</b>	<b>Symbol</b>	<b>Group</b>	<b>Low</b>	<b>High</b>	<b>Low</b>	<b>High</b>	
<b>Grasses &amp; Grass-like Plants</b>				<b>79%</b>	<b>71%</b>	<b>312</b>	<b>612</b>	
Thurber's needlegrass	Achnatherum thurberianum	ACTH7	1	20	40	120	240	
bluebunch wheatgrass	Pseudoroegneria spicata	PSSP6	1	15	30	90	180	
Sandberg bluegrass	Poa secunda	POSE	4	5	8	30	48	
Indian ricegrass	Achnatherum hymenoides	ACHY	2	5	8	30	48	
bottlebrush squirreltail	Elymus elymoides	ELEL5	2	5	8	30	48	
Other Perennial Grasses	N/A	PPGG	5	2	8	12	48	
basin wildrye	Leymus cinereus	LECT4				0	0	
foxtail wheatgrass	*Pseudelymus saxicola	PSSA2				0	0	
sedge	Carex	CAREX				0	0	
needle and thread	Hesperostipa comata	HECO26				0	0	
Idaho fescue	Festuca idahoensis	FEID				0	0	
						0	0	
<b>Forbs</b>				<b>8%</b>	<b>11%</b>	<b>30</b>	<b>96</b>	
tapertip hawksbeard	Crepis acuminata	CRAC2	7	1	2	6	12	
lupine	Lupinus	LUPIN	7	1	2	6	12	
balsamroot	Balsamorhiza	BALSA	7	1	2	6	12	
milkvetch	Astragalus	ASTRA	7	1	2	6	12	
Other Perennial Forbs	N/A	PPFF	9	1	8	6	48	
beardtongue	Penstemon	PENST				0	0	
phlox	Phlox	PHLOX				0	0	
fleabane	Erigeron	ERIGE2				0	0	
agoseris	Agoseris	AGOSE				0	0	
buckwheat (Eriog.)	Eriogonum	ERIOG				0	0	
groundsel	Senecio	SENEC				0	0	
Indian paintbrush	Castilleja	CASTI2				0	0	
larkspur	Delphinium	DELPH				0	0	
mariposa lily	Calochortus	CALOC				0	0	
deathcamas	Zigadenus	ZIGAD				0	0	
Douglas' dustymaiden	Chaenactis douglasii	CHDO				0	0	
						0	0	
						0	0	
						0	0	
						0	0	
						0	0	
<b>Shrubs</b>				<b>14%</b>	<b>17%</b>	<b>54</b>	<b>150</b>	
Wyoming big sagebrush	Artemisia tridentata ssp. wyomingensis	ARTRW8	11	5	15	30	90	
spiny hopsage	Grayia spinosa	GRSP	12	2	5	12	30	
Other Shrubs	N/A	SSSS	15	2	5	12	30	
horsebrush	Tetradymia	TETRA3				0	0	
rabbitbrush	Chrysothamnus	CHRYS9				0	0	
shrubby buckwheat	Eriogonum microthecum	ERMI4				0	0	
						0	0	
						0	0	
						0	0	
						0	0	
						0	0	
<b>Trees</b>				<b>0%</b>	<b>0%</b>	<b>0</b>	<b>0</b>	
						0	0	
						0	0	
						0	0	
<b>Totals</b>				<b>100%</b>	<b>100%</b>	<b>396</b>	<b>858</b>	

Site Name <b>LOAMY 10-12 PZ</b>					
Site Number <b>023XY212OR</b>					
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent
	Low	0.02	0.05	0.08	0.11
	High	0.03	0.10	0.17	0.24
Rangeland Health Indicator [wt]	Potential for this Site				
1. Number and extent of rills [1.0]	None to some, slight to moderate sheet & rill erosion hazard				
2. Presence of water flow patterns [1.0]	None to some				
3. Number and height of erosional pedestals or terracettes [1.0]	None				
4. Bare ground (rock, litter, lichen, moss, plant canopy are <i>not</i> bare ground) [1.0]	5-10%				
5. Number of gullies and erosion associated with gullies [1.0]	None				
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, slight wind erosion hazard				
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement				
8. Soil surface resistance to erosion (average stability values) [1.0]	Slightly to moderately resistant to erosion: aggregate stability = 2-4				
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Shallow to moderately deep, well drained fine sandy loams, silt loams, to very gravelly loams with 15-60% rock fragments on the surface: low OM (1-2%)				
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Slight ground cover (15-25%) and gentle slopes (0-30%) moderately limit rainfall impact and overland flow				
11. Presence and thickness of compaction layer [1.0]	None				
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Thurber needlegrass (gravelly surface) > bluebunch wheatgrass > indian ricegrass (sandy surfaces) > other grasses > shrubs > forbs				
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected				
14. Average percent litter cover and depth (inches) [1.0]	5-10% (<0.5")				
15. Expected annual production (total above-ground) [1.0]	Favorable: 800, Normal: 600, Unfavorable: 400 lbs/acre/year at high RSI (HCPC)				
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community. Western Juniper readily invades the site. Cheatgrass and Medusahead invade sites that have lost deep rooted perennial grass functional groups				
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually				



Site Name		SANDY LOAM 10-12 PZ				
Site Number		023XY213OR				
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent	
	Low	0.02	0.07	0.12	0.16	
	High	0.04	0.12	0.21	0.29	
Rangeland Health Indicator [wt]	Potential for this Site					
1. Number and extent of rills [1.0]	None, Moderate sheet & rill erosion hazard					
2. Presence of water flow patterns [1.0]	None					
3. Number and height of erosional pedestals or terracettes [1.0]	None					
4. Bare ground (rock, litter, lichen, moss, plant canopy are <i>not</i> bare ground) [1.0]	10-20%					
5. Number of gullies and erosion associated with gullies [1.0]	None					
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None to some, Moderate to severe wind erosion hazard					
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement					
8. Soil surface resistance to erosion (average stability values) [1.0]	Slightly resistant to erosion: aggregate stability = 1-2					
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Moderately deep to deep loamy sand to sandy loam (10-20 inches thick): Low OM (1-2%)					
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Moderate to significant ground cover (50-70%) and gentle slopes (0-15%) effectively limit rainfall impact and overland flow					
11. Presence and thickness of compaction layer [1.0]	None					
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Needleandthread grass > Thurber's Needlegrass > Basin Big Sagebrush > Indian Ricegrass > other grasses > forbs > other shrubs					
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected					
14. Average percent litter cover and depth (inches) [1.0]	10-20% (<0.5")					
15. Expected annual production (total above-ground) [1.0]	Favorable: 900, Normal: 750, Unfavorable: 600 lbs/acre/year at high RSI (HCPC)					
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community. Western Juniper readily invades the site. Cheatgrass and Medusahead invade sites that have lost deep rooted perennial grass functional groups					
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually					

<b>Site Name</b>		CLAYPAN 10-12 PZ					
<b>Site Number</b>		023XY214OR					
<b>Plant Association</b>		PSSP6-POSE/ARAR8					
<b>Normal Lbs./Ac.</b>		600					
<b>Range of composition and weight of species in HCPC with normal production:</b>				<b>% Comp. by Wt.</b>		<b>Lbs./Acre</b>	
<b>Common Name</b>	<b>Scientific Name</b>	<b>Symbol</b>	<b>Group</b>	<b>Low</b>	<b>High</b>	<b>Low</b>	<b>High</b>
<b>Grasses &amp; Grass-like Plants</b>				<b>69%</b>	<b>62%</b>	<b>294</b>	<b>480</b>
bluebunch wheatgrass	Pseudoroegneria spicata	PSSP6	1	40	60	240	360
Sandberg bluegrass	Poa secunda	POSE	4	5	10	30	60
bottlebrush squirreltail	Elymus elymoides	ELEL5	2	2	5	12	30
Other Perennial Grasses	N/A	PPGG	5	2	5	12	30
prairie Junegrass	Koeleria macrantha	KOMA				0	0
Idaho fescue	Festuca idahoensis	FEID				0	0
Thurber's needlegrass	Achnatherum thurberianum	ACTH7				0	0
						0	0
						0	0
						0	0
						0	0
						0	0
<b>Forbs</b>				<b>11%</b>	<b>15%</b>	<b>48</b>	<b>120</b>
lupine	Lupinus	LUPIN	7	2	5	12	30
balsamroot	Balsamorhiza	BALSA	7	2	5	12	30
lomatium (gen.)	Lomatium	LOMAT	7	2	5	12	30
Other Perennial Forbs	N/A	PPFF	9	2	5	12	30
deathcamas	Zigadenus	ZIGAD				0	0
larkspur	Delphinium	DELPH				0	0
milkvetch	Astragalus	ASTRA				0	0
fleabane	Erigeron	ERIGE2				0	0
tapertip hawksbeard	Crepis acuminata	CRAC2				0	0
buckwheat (Eriog.)	Eriogonum	ERIOG				0	0
beardtongue	Penstemon	PENST				0	0
phlox	Phlox	PHLOX				0	0
blue eyed Mary	Collinsia	COLLI				0	0
pussytoes	Antennaria	ANTEN				0	0
agoseris	Agoseris	AGOSE				0	0
largehead clover	Trifolium macrocephalum	TRMA3				0	0
						0	0
						0	0
						0	0
						0	0
<b>Shrubs</b>				<b>17%</b>	<b>19%</b>	<b>72</b>	<b>150</b>
low sagebrush	Artemisia arbuscula	ARAR8	11	10	20	60	120
Other Shrubs	N/A	SSSS	15	2	5	12	30
green rabbitbrush	Chrysothamnus viscidiflorus	CHVI8				0	0
shrubby buckwheat	Eriogonum microthecum	ERMI4				0	0
spiny hopsage	Grayia spinosa	GRSP				0	0
						0	0
						0	0
						0	0
						0	0
						0	0
<b>Trees</b>				<b>3%</b>	<b>4%</b>	<b>12</b>	<b>30</b>
Western juniper	Juniperus occidentalis	JUOC	16	2	5	12	30
						0	0
						0	0
<b>Totals</b>				<b>100%</b>	<b>100%</b>	<b>426</b>	<b>780</b>

Site Name		CLAYPAN 10-12 PZ				
Site Number		023XY214OR				
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent	
	Low	0.02	0.05	0.08	0.12	
	High	0.03	0.09	0.15	0.22	
Rangeland Health Indicator [wt]	Potential for this Site					
1. Number and extent of rills [1.0]	None to some, Moderate sheet & rill erosion hazard					
2. Presence of water flow patterns [1.0]	None to some,					
3. Number and height of erosional pedestals or terracettes [1.0]	None to some terracettes on steeper slopes					
4. Bare ground (rock, litter, lichen, moss, plant canopy are <i>not</i> bare ground) [1.0]	10-15%					
5. Number of gullies and erosion associated with gullies [1.0]	None					
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, Slight wind erosion hazard					
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement					
8. Soil surface resistance to erosion (average stability values) [1.0]	Significantly resistant to erosion: aggregate stability = 4-6					
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Very shallow well drained loams, gravelly loams, gravelly clay loams, clay loams to very cobbly clay loams (10 inches thick) with claypan: Moderate OM (2-4%)					
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Low ground cover (20-35%) and gentle to steep slopes (0-70%) slightly to moderately limit rainfall impact and overland flow					
11. Presence and thickness of compaction layer [1.0]	None					
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Bluebunch Wheatgrass > Low Sagebrush > Sandberg Bluegrass > forbs > other grasses > other shrubs					
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected					
14. Average percent litter cover and depth (inches) [1.0]	5-15% (<0.5")					
15. Expected annual production (total above-ground) [1.0]	Favorable: 800, Normal: 600, Unfavorable: 400 lbs/acre/year at high RSI (HCPC)					
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community. Western Juniper readily invades the site. Cheatgrass and Medusahead invade sites that have lost deep rooted perennial grass functional groups					
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually					



Site Name		SHALLOW GRAVELLY LOAM 10-12 PZ				
Site Number		023XY215OR				
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent	
	Low	0.01	0.03	0.05	0.07	
	High	0.02	0.06	0.10	0.14	
Rangeland Health Indicator [wt]	Potential for this Site					
1. Number and extent of rills [1.0]	None					
2. Presence of water flow patterns [1.0]	None					
3. Number and height of erosional pedestals or terracettes [1.0]	None to very few pedestals					
4. Bare ground (rock, litter, lichen, moss, plant canopy are <i>not</i> bare ground) [1.0]	15-30%					
5. Number of gullies and erosion associated with gullies [1.0]	None					
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, Slight wind erosion hazard					
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement					
8. Soil surface resistance to erosion (average stability values) [1.0]	Moderately to significantly resistant to erosion: aggregate stability = 3-6					
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Shallow well drained gravelly loam to gravelly clay loam (6-8 inches thick): Low OM (1-2%)					
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Low ground cover (20-35%) and gentle slopes (2-12%) slightly to moderately limit rainfall impact and overland flow					
11. Presence and thickness of compaction layer [1.0]	None					
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Thurber's Needlegrass > Bluebunch Wheatgrass > Low Sagebrush > other grasses > forbs					
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected					
14. Average percent litter cover and depth (inches) [1.0]	3-12% (<0.5")					
15. Expected annual production (total above-ground) [1.0]	Favorable: 500, Normal: 400, Unfavorable: 300 lbs/acre/year at high RSI (HCPC)					
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community. Western Juniper readily invades the site. Cheatgrass and Medusahead invade sites that have lost deep rooted perennial grass functional groups					
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually					



Site Name <b>CLAYPAN 12-16 PZ</b>					
Site Number <b>023XY216OR</b>					
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent
	Low	0.02	0.05	0.09	0.12
	High	0.04	0.11	0.18	0.25
Rangeland Health Indicator [wt]	Potential for this Site				
1. Number and extent of rills [1.0]	None, moderate sheet & rill erosion hazard				
2. Presence of water flow patterns [1.0]	None				
3. Number and height of erosional pedestals or terracettes [1.0]	None to few - pedestals				
4. Bare ground (rock, litter, lichen, moss, plant canopy are <i>not</i> bare ground) [1.0]	5-15%				
5. Number of gullies and erosion associated with gullies [1.0]	None				
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, moderate wind erosion hazard				
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement				
8. Soil surface resistance to erosion (average stability values) [1.0]	Moderately resistant to erosion: aggregate stability = 3-5				
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Very shallow, well drained very stony or cobbly clay loams, silty clay loams, or very stony loams (5-12" thick), with up to 60% coarse fragments on the surface: moderate OM (1-3%)				
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Slight ground cover (20-30%) and gentle to moderate slopes (2-30%) moderately limit rainfall impact and overland flow				
11. Presence and thickness of compaction layer [1.0]	None - claypan at 5-12"				
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Idaho fescue > bluebunch wheatgrass > other grasses > shrubs > forbs > trees				
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected				
14. Average percent litter cover and depth (inches) [1.0]	5-10% (<0.5")				
15. Expected annual production (total above-ground) [1.0]	Favorable: 800, Normal: 600, Unfavorable: 400 lbs/acre/year at high RSI (HCPC)				
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community. Western Juniper readily invades the site. Cheatgrass and Medusahead invade sites that have lost deep rooted perennial grass functional groups				
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually				

<b>Site Name</b>		JUNIPER TABLELANDS 10-14 PZ					
<b>Site Number</b>		023XY217OR					
<b>Plant Association</b>		FEID-PSSP6-ACTH7/ARAR8/JUOC					
<b>Normal Lbs./Ac.</b>		700					
<b>Range of composition and weight of species in HCPC with normal production:</b>				<b>% Comp. by Wt.</b>		<b>Lbs./Acre</b>	
<b>Common Name</b>	<b>Scientific Name</b>	<b>Symbol</b>	<b>Group</b>	<b>Low</b>	<b>High</b>	<b>Low</b>	<b>High</b>
<b>Grasses &amp; Grass-like Plants</b>				<b>80%</b>	<b>69%</b>	<b>427</b>	<b>735</b>
Idaho Fescue	Festuca idahoensis	FEID	1	35	45	245	315
bluebunch wheatgrass	Pseudoroegneria spicata	PSSP6	1	15	25	105	175
Thurber's needlegrass	Achnatherum thurberianum	ACTH7	2	5	15	35	105
Sandberg bluegrass	Poa secunda	POSE	4	5	15	35	105
Other Perennial Grasses	N/A	PPGG	5	1	5	7	35
bluegrass	Poa	POA				0	0
prairie Junegrass	Koeleria macrantha	KOMA				0	0
bottlebrush squirreltail	Elymus elymoides	ELEL5				0	0
Cusick's bluegrass	Poa cusickii	POCU3				0	0
						0	0
						0	0
						0	0
<b>Forbs</b>				<b>4%</b>	<b>8%</b>	<b>21</b>	<b>91</b>
phlox	Phlox	PHLOX	7	1	3	7	21
Other Perennial Forbs	N/A	PPFF	9	2	10	14	70
balsamroot	Balsamorhiza	BALSA				0	0
common yarrow	Achillea millefolium	ACMI2				0	0
pussytoes	Antennaria	ANTEN				0	0
lupine	Lupinus	LUPIN				0	0
buckwheat (Eriog.)	Eriogonum	ERIOG				0	0
lomatium (gen.)	Lomatium	LOMAT				0	0
agoseris	Agoseris	AGOSE				0	0
larkspur	Delphinium	DELPH				0	0
beardtongue	Penstemon	PENST				0	0
largehead clover	Trifolium macrocephalum	TRMA3				0	0
Douglas' dustymaiden	Chaenactis douglasii	CHDO				0	0
phacelia	Phacelia	PHACE				0	0
common starlily	Leucocrinum montanum	LEMO4				0	0
						0	0
						0	0
						0	0
						0	0
						0	0
						0	0
						0	0
<b>Shrubs</b>				<b>9%</b>	<b>13%</b>	<b>49</b>	<b>140</b>
low sagebrush	Artemisia arbuscula	ARAR8	11	5	15	35	105
Other Shrubs	N/A	SSSS	15	2	5	14	35
green rabbitbrush	Chrysothamnus viscidiflorus	CHVI8				0	0
antelope bitterbrush	Purshia tridentata	PUTR2				0	0
						0	0
						0	0
						0	0
						0	0
						0	0
						0	0
						0	0
<b>Trees</b>				<b>7%</b>	<b>10%</b>	<b>35</b>	<b>105</b>
Western juniper	Juniperus occidentalis	JUOC	16	5	15	35	105
						0	0
						0	0
<b>Totals</b>				<b>100%</b>	<b>100%</b>	<b>532</b>	<b>1071</b>

Site Name		JUNIPER TABLELANDS 10-14 PZ				
Site Number		023XY217OR				
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent	
	Low	0.02	0.06	0.11	0.15	
	High	0.04	0.13	0.21	0.30	
Rangeland Health Indicator [wt]	Potential for this Site					
1. Number and extent of rills [1.0]	None					
2. Presence of water flow patterns [1.0]	None					
3. Number and height of erosional pedestals or terracettes [1.0]	None to very few pedestals					
4. Bare ground (rock, litter, lichen, moss, plant canopy are <i>not</i> bare ground) [1.0]	10-20%					
5. Number of gullies and erosion associated with gullies [1.0]	None					
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, Slight wind erosion hazard					
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement					
8. Soil surface resistance to erosion (average stability values) [1.0]	Moderately resistant to erosion: aggregate stability = 3-5					
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Shallow well drained extremely stony silt loams (0-4 inches thick) with subsoil having high shrink-swell potential : Moderate OM (2-4%)					
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Low to moderate ground cover (35-45%) and gentle to moderate slopes (2-30%) moderately limit rainfall impact and overland flow					
11. Presence and thickness of compaction layer [1.0]	None					
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Idaho Fescue > Bluebunch Wheatgrass > other grasses > shrubs > forbs > trees					
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected					
14. Average percent litter cover and depth (inches) [1.0]	10-20% (<0.5")					
15. Expected annual production (total above-ground) [1.0]	Favorable: 900, Normal: 700, Unfavorable: 500 lbs/acre/year at high RSI (HCPC)					
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community. Western Juniper readily invades the site. Cheatgrass and Medusahead invade sites that have lost deep rooted perennial grass functional groups					
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually					



Site Name		THIN SURFACE CLAYPAN 10-16 PZ				
Site Number		023XY218OR				
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent	
	Low	0.00	0.01	0.02	0.03	
	High	0.01	0.03	0.04	0.06	
Rangeland Health Indicator [wt]	Potential for this Site					
1. Number and extent of rills [1.0]	None					
2. Presence of water flow patterns [1.0]	None					
3. Number and height of erosional pedestals or terracettes [1.0]	None to very few pedestals					
4. Bare ground (rock, litter, lichen, moss, plant canopy are <i>not</i> bare ground) [1.0]	15-40%					
5. Number of gullies and erosion associated with gullies [1.0]	None					
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None					
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement					
8. Soil surface resistance to erosion (average stability values) [1.0]	Moderately resistant to erosion: aggregate stability = 3-5					
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Shallow well drained gravelly loam to very stony silt loam (1-4 inches thick) over claypan: Low OM (1-2%)					
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Low ground cover (15-20%) and gentle slopes (2-15%) slightly to moderately limit rainfall impact and overland flow					
11. Presence and thickness of compaction layer [1.0]	None					
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Sandberg Bluegrass > Low Sagebrush > forbs > other grasses > other shrubs					
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected					
14. Average percent litter cover and depth (inches) [1.0]	0-5%(<0.25")					
15. Expected annual production (total above-ground) [1.0]	Favorable: 300, Normal: 200, Unfavorable: 100 lbs/acre/year at high RSI (HCPC)					
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community. Cheatgrass and Medusahead invade sites that have lost deep rooted perennial grass functional groups					
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually					

<b>Site Name</b>		SHALLOW ASHY 10-12 PZ					
<b>Site Number</b>		023XY219OR					
<b>Plant Association</b>		PSSP6-FEID/ARTRW8					
<b>Normal Lbs./Ac.</b>		800					
<b>Range of composition and weight of species in HCPC with normal production:</b>				<b>% Comp. by Wt.</b>		<b>Lbs./Acre</b>	
<b>Common Name</b>	<b>Scientific Name</b>	<b>Symbol</b>	<b>Group</b>	<b>Low</b>	<b>High</b>	<b>Low</b>	<b>High</b>
<b>Grasses &amp; Grass-like Plants</b>				<b>90%</b>	<b>78%</b>	<b>504</b>	<b>752</b>
bluebunch wheatgrass	Pseudoroegneria spicata	PSSP6	1	30	40	240	320
Idaho Fescue	Festuca idahoensis	FEID	1	25	35	200	280
Sandberg bluegrass	Poa secunda	POSE	4	5	10	40	80
Thurber's needlegrass	Achnatherum thurberianum	ACTH7	2	2	5	16	40
Other Perennial Grasses	N/A	PPGG	5	1	4	8	32
prairie Junegrass	Koeleria macrantha	KOMA				0	0
bottlebrush squirreltail	Elymus elymoides	ELEL5				0	0
Cusick's bluegrass	Poa cusickii	POCU3				0	0
Indian ricegrass	Achnatherum hymenoides	ACHY				0	0
						0	0
						0	0
						0	0
<b>Forbs</b>				<b>1%</b>	<b>8%</b>	<b>8</b>	<b>80</b>
Other Perennial Forbs	N/A	PPFF	9	1	10	8	80
buckwheat (Eriog.)	Eriogonum	ERIOG				0	0
foothill deathcamas	Zigadenus paniculatus	ZIPA2				0	0
purple cushion fleabane	Erigeron poliospermus	ERPO2				0	0
desert yellow fleabane	Erigeron linearis	ERLI				0	0
beardtongue	Penstemon	PENST				0	0
largehead clover	Trifolium macrocephalum	TRMA3				0	0
bigseed biscuitroot	Lomatium macrocarpum	LOMA3				0	0
shortstem lupine	Lupinus brevicaulis	LUBR2				0	0
mariposa lily	Calochortus	CALOC				0	0
curvepod milkvetch	Astragalus curvicaarpus	ASCU4				0	0
basalt milkvetch	Astragalus filipes	ASFI				0	0
freckled milkvetch	Astragalus lentiginosus	ASLE8				0	0
wild onion	Allium	ALLIU				0	0
tufted phlox	Phlox caespitosa	PHCA7				0	0
pussytoes	Antennaria	ANTEN				0	0
tapertip hawksbeard	Crepis acuminata	CRAC2				0	0
						0	0
						0	0
						0	0
<b>Shrubs</b>				<b>9%</b>	<b>14%</b>	<b>48</b>	<b>136</b>
Wyoming big sagebrush	Artemisia tridentata ssp. wyomingensis	ARTRW8	11	5	15	40	120
green rabbitbrush	Chrysothamnus viscidiflorus	CHVI8	12	1	2	8	16
						0	0
						0	0
						0	0
						0	0
						0	0
						0	0
						0	0
						0	0
						0	0
						0	0
						0	0
<b>Trees</b>				<b>0%</b>	<b>0%</b>	<b>0</b>	<b>0</b>
						0	0
						0	0
						0	0
<b>Totals</b>				<b>100%</b>	<b>100%</b>	<b>560</b>	<b>968</b>

Site Name		SHALLOW ASHY 10-12 PZ				
Site Number		023XY219OR				
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent	
	Low	0.02	0.07	0.11	0.16	
	High	0.04	0.11	0.19	0.27	
Rangeland Health Indicator [wt]	Potential for this Site					
1. Number and extent of rills [1.0]	None					
2. Presence of water flow patterns [1.0]	None					
3. Number and height of erosional pedestals or terracettes [1.0]	None					
4. Bare ground (rock, litter, lichen, moss, plant canopy are <i>not</i> bare ground) [1.0]	10-25%					
5. Number of gullies and erosion associated with gullies [1.0]	None					
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None to some, Severe wind erosion hazard					
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement					
8. Soil surface resistance to erosion (average stability values) [1.0]	Slight resistant to erosion: aggregate stability = 1-2					
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Shallow well drained sandy loams: Low OM (1-2%)					
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Moderate ground cover (60%) and gentle slopes (1-10%) Moderately limit rainfall impact and overland flow					
11. Presence and thickness of compaction layer [1.0]	None					
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Bluebunch Wheatgrass > Idaho Fescue > other grasses > shrubs > forbs					
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected					
14. Average percent litter cover and depth (inches) [1.0]	10-20%(<0.5")					
15. Expected annual production (total above-ground) [1.0]	Favorable: 1000, Normal: 800, Unfavorable: 600 lbs/acre/year at high RSI (HCPC)					
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community. Cheatgrass invades sites that have lost deep rooted perennial grass functional groups					
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually					

<b>Site Name</b>	CLAYEY 10-12 PZ							
<b>Site Number</b>	023XY220OR							
<b>Plant Association</b>	PSSP6-POSE/ARTRW							
<b>Normal Lbs./Ac.</b>	700							
<b>Range of composition and weight of species in HCPC with normal production:</b>					<b>% Comp. by Wt.</b>		<b>Lbs./Acre</b>	
<b>Common Name</b>	<b>Scientific Name</b>	<b>Symbol</b>	<b>Group</b>	<b>Low</b>	<b>High</b>	<b>Low</b>	<b>High</b>	
<b>Grasses &amp; Grass-like Plants</b>				<b>84%</b>	<b>78%</b>	<b>532</b>	<b>826</b>	
bluebunch wheatgrass	Pseudoroegneria spicata	PSSP6	1	60	70	420	490	
Thurber's needlegrass	Achnatherum thurberianum	ACTH7	2	5	15	35	105	
Sandberg bluegrass	Poa secunda	POSE	4	5	10	35	70	
basin wildrye	Leymus cinereus	LECT4	2	2	5	14	35	
bluegrass	Poa	POA	4	2	8	14	56	
Other Perennial Grasses	N/A	PPGG	5	2	10	14	70	
foxtail wheatgrass	×Pseudelymus saxicola	PSSA2				0	0	
prairie Junegrass	Koeleria macrantha	KOMA				0	0	
bottlebrush squirreltail	Elymus elymoides	ELEL5				0	0	
						0	0	
						0	0	
						0	0	
<b>Forbs</b>				<b>6%</b>	<b>9%</b>	<b>35</b>	<b>91</b>	
hawksbeard	Crepis	CREPI	7	1	2	7	14	
lupine	Lupinus	LUPIN	7	1	2	7	14	
balsamroot	Balsamorhiza	BALSA	7	1	2	7	14	
milkvetch	Astragalus	ASTRA	7	1	2	7	14	
Other Perennial Forbs	N/A	PPFF	9	1	5	7	35	
beardtongue	Penstemon	PENST				0	0	
phlox	Phlox	PHLOX				0	0	
agoseris	Agoseris	AGOSE				0	0	
fleabane	Erigeron	ERIGE2				0	0	
buckwheat (Eriog.)	Eriogonum	ERIOG				0	0	
groundsel	Senecio	SENEC				0	0	
Indian paintbrush	Castilleja	CASTI2				0	0	
aster (Eucep.)	Eucephalus	EUCEP2				0	0	
mariposa lily	Calochortus	CALOC				0	0	
common yarrow	Achillea millefolium	ACMI2				0	0	
						0	0	
						0	0	
						0	0	
						0	0	
						0	0	
						0	0	
<b>Shrubs</b>				<b>10%</b>	<b>13%</b>	<b>63</b>	<b>140</b>	
Wyoming big sagebrush	Artemisia tridentata ssp. wyomingensis	ARTRW8	11	5	10	35	70	
basin big sagebrush	Artemisia tridentata ssp. tridentata	ARTRT	11	2	5	14	35	
Other Shrubs	N/A	SSSS	15	2	5	14	35	
horsebrush	Tetradymia	TETRA3				0	0	
rabbitbrush	Chrysothamnus	CHRYS9				0	0	
shrubby buckwheat	Eriogonum microthecum	ERMI4				0	0	
						0	0	
						0	0	
						0	0	
						0	0	
						0	0	
<b>Trees</b>				<b>0%</b>	<b>0%</b>	<b>0</b>	<b>0</b>	
						0	0	
						0	0	
						0	0	
<b>Totals</b>				<b>100%</b>	<b>100%</b>	<b>630</b>	<b>1057</b>	

Site Name <b>CLAYEY 10-12 PZ</b>					
Site Number <b>023XY220OR</b>					
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent
	Low	0.02	0.07	0.12	0.17
	High	0.04	0.13	0.21	0.29
Rangeland Health Indicator [wt]	Potential for this Site				
1. Number and extent of rills [1.0]	None, Moderate sheet & rill erosion hazard				
2. Presence of water flow patterns [1.0]	None				
3. Number and height of erosional pedestals or terracettes [1.0]	None to very few pedestals				
4. Bare ground (rock, litter, lichen, moss, plant canopy are <i>not</i> bare ground) [1.0]	15-40%				
5. Number of gullies and erosion associated with gullies [1.0]	None				
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, Slight wind erosion hazard				
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement				
8. Soil surface resistance to erosion (average stability values) [1.0]	Moderately resistant to erosion: aggregate stability = 3-5				
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Shallow to deep well drained loams or clay loams, 15-60% surface fragments: Moderate OM (2-4%)				
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Low ground cover (15-25%) and gentle to moderate slopes (0-30%) slightly to moderately limit rainfall impact and overland flow				
11. Presence and thickness of compaction layer [1.0]	None				
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Bluebunch Wheatgrass > Thurber's Needlegrass > other grasses > shrubs . Forbs				
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected				
14. Average percent litter cover and depth (inches) [1.0]	10-20% (<0.5")				
15. Expected annual production (total above-ground) [1.0]	Favorable: 1000, Normal: 700, Unfavorable: 500 lbs/acre/year at high RSI (HCPC)				
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community. Western Juniper readily invades the site. Cheatgrass and Medusahead invade sites that have lost deep rooted perennial grass functional groups				
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually				



Site Name		GRAVELLY TERRACE 10-12 PZ				
Site Number		023XY221OR				
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent	
	Low	0.02	0.05	0.09	0.12	
	High	0.03	0.08	0.13	0.19	
Rangeland Health Indicator [wt]	Potential for this Site					
1. Number and extent of rills [1.0]	None					
2. Presence of water flow patterns [1.0]	None					
3. Number and height of erosional pedestals or terracettes [1.0]	None					
4. Bare ground (rock, litter, lichen, moss, plant canopy are <i>not</i> bare ground) [1.0]	5-20%					
5. Number of gullies and erosion associated with gullies [1.0]	None					
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None to some, Severe wind erosion hazard					
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement					
8. Soil surface resistance to erosion (average stability values) [1.0]	Slight resistant to erosion: aggregate stability = 1-2					
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Shallow well drained loamy sands (shallow to pan), Neutal to moderately alkaline: Low OM (1-2%)					
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Moderate ground cover (60%) and gentle slopes (0-5%) moderately limit rainfall impact and overland flow					
11. Presence and thickness of compaction layer [1.0]	None					
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Idaho Fescue > Western Needlegrass > Wyoming Big Sagebrush > Thurber's Needlegrass > other grasses > other shrubs > forbs					
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected					
14. Average percent litter cover and depth (inches) [1.0]	5-15% (<0.5")					
15. Expected annual production (total above-ground) [1.0]	Favorable: 800, Normal: 600, Unfavorable: 400 lbs/acre/year at high RSI (HCPC)					
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community. Cheatgrass and Medusahead invade sites that have lost deep rooted perennial grass functional groups					
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually					



Site Name		SHALLOW LAVA 10-12 PZ				
Site Number		023XY222OR				
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent	
	Low	0.01	0.03	0.04	0.06	
	High	0.01	0.04	0.07	0.09	
Rangeland Health Indicator [wt]	Potential for this Site					
1. Number and extent of rills [1.0]	None					
2. Presence of water flow patterns [1.0]	None					
3. Number and height of erosional pedestals or terracettes [1.0]	None to few pedestals					
4. Bare ground (rock, litter, lichen, moss, plant canopy are <i>not</i> bare ground) [1.0]	15-40%					
5. Number of gullies and erosion associated with gullies [1.0]	None					
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, Slight wind erosion hazard					
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement					
8. Soil surface resistance to erosion (average stability values) [1.0]	Slightly to moderately resistant to erosion: aggregate stability = 1-3					
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Very shallow to shallow coarse sands to loams (3-12 inches thick), gravelly profile: Low OM (1-2%)					
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Low ground cover (20-30%) and gentle slopes (1-20%) slightly limit rainfall impact and overland flow					
11. Presence and thickness of compaction layer [1.0]	None					
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Thurber's Needlegrass > Basin Big Sagebrush > Bluebunch Wheatgrass > Sandberg Bluegrass > other shrubs > other grasses > forbs					
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected					
14. Average percent litter cover and depth (inches) [1.0]	2-10% (<0.5")					
15. Expected annual production (total above-ground) [1.0]	Favorable: 400, Normal: 300, Unfavorable: 200 lbs/acre/year at high RSI (HCPC)					
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community. Western Juniper readily invades the site. Cheatgrass and Medusahead invade sites that have lost deep rooted perennial grass functional groups					
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually					



Site Name		SOUTH SLOPES 8-12 PZ				
Site Number		023XY300OR				
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent	
	Low	0.02	0.06	0.10	0.14	
	High	0.04	0.11	0.18	0.25	
Rangeland Health Indicator [wt]	Potential for this Site					
1. Number and extent of rills [1.0]	None, Moderate to severe sheet & rill erosion hazard					
2. Presence of water flow patterns [1.0]	None					
3. Number and height of erosional pedestals or terracettes [1.0]	None to some					
4. Bare ground (rock, litter, lichen, moss, plant canopy are <i>not</i> bare ground) [1.0]	15-40%					
5. Number of gullies and erosion associated with gullies [1.0]	None					
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, Slight wind erosion hazard					
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement					
8. Soil surface resistance to erosion (average stability values) [1.0]	Moderately to significantly resistant to erosion: aggregate stability =					
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Shallow to moderately deep loam or clay loams with 15-65% surface fragments: Moderate OM (2-4%)					
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Low ground cover (30-45%) and moderate to steep slopes (20-70%) slightly limit rainfall impact and overland flow					
11. Presence and thickness of compaction layer [1.0]	None					
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Bluebunch Wheatgrass > Thurber's Needlegrass > shrubs > other grasses > forbs					
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected					
14. Average percent litter cover and depth (inches) [1.0]	5-15% (<0.5")					
15. Expected annual production (total above-ground) [1.0]	Favorable: 900, Normal: 700, Unfavorable: 500 lbs/acre/year at high RSI (HCPC)					
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community. Western Juniper readily invades the site. Cheatgrass, Medusahead, annual mustards, and thistle invade sites that have lost deep rooted perennial grass functional groups					
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually					

<b>Site Name</b>		<b>DROUGHTY SOUTH SLOPES 11-13 PZ</b>						
<b>Site Number</b>		<b>023XY301OR</b>						
<b>Plant Association</b>		<b>PSSP6-ACTH7/ARTRT-ARTRW</b>						
<b>Normal Lbs./Ac.</b>		<b>800</b>						
<b>Range of composition and weight of species in HCPC with normal production:</b>					<b>% Comp. by Wt.</b>		<b>Lbs./Acre</b>	
<b>Common Name</b>	<b>Scientific Name</b>	<b>Symbol</b>	<b>Group</b>	<b>Low</b>	<b>High</b>	<b>Low</b>	<b>High</b>	
<b>Grasses &amp; Grass-like Plants</b>				<b>81%</b>	<b>75%</b>	<b>480</b>	<b>808</b>	
bluebunch wheatgrass	Pseudoroegneria spicata	PSSP6	1	30	50	240	400	
Thurber's needlegrass	Achnatherum thurberianum	ACTH7	1	20	30	160	240	
Idaho fescue	Festuca idahoensis	FEID	2	5	10	40	80	
Sandberg bluegrass	Poa secunda	POSE	4	2	5	16	40	
basin wildrye	Leymus cinereus	LECT4	2	1	2	8	16	
Other Perennial Grasses	N/A	PPGG	5	2	4	16	32	
prairie Junegrass	Koeleria macrantha	KOMA				0	0	
bottlebrush squirreltail	Elymus elymoides	ELEL5				0	0	
						0	0	
						0	0	
						0	0	
						0	0	
<b>Forbs</b>				<b>7%</b>	<b>10%</b>	<b>40</b>	<b>104</b>	
arrowleaf balsamroot	Balsamorhiza sagittata	BASA3	7	2	5	16	40	
milkvetch	Astragalus	ASTRA	8	1	2	8	16	
lupine	Lupinus	LUPIN	8	1	2	8	16	
Other Perennial Forbs	N/A	PPFF	9	1	4	8	32	
common yarrow	Achillea millefolium	ACMI2				0	0	
buckwheat (Eriog.)	Eriogonum	ERIO6				0	0	
phlox	Phlox	PHLOX				0	0	
fleabane	Erigeron	ERIGE2				0	0	
Indian paintbrush	Castilleja	CASTI2				0	0	
tapertip hawksbeard	Crepis acuminata	CRAC2				0	0	
agoseris	Agoseris	AGOSE				0	0	
lomatium (gen.)	Lomatium	LOMAT				0	0	
pussytoes	Antennaria	ANTEN				0	0	
deathcamas	Zigadenus	ZIGAD				0	0	
						0	0	
						0	0	
						0	0	
						0	0	
						0	0	
						0	0	
<b>Shrubs</b>				<b>11%</b>	<b>13%</b>	<b>64</b>	<b>144</b>	
basin big sagebrush	Artemisia tridentata ssp. tridentata	ARTRT	11	5	10	40	80	
Wyoming big sagebrush	Artemisia tridentata ssp. wyomingensis	ARTRW8	12	2	5	16	40	
Other Shrubs	N/A	SSSS	15	1	3	8	24	
green rabbitbrush	Chrysothamnus viscidiflorus	CHVI8				0	0	
gray rabbitbrush	Ericameria nauseosa	ERNA10				0	0	
currant	Ribes	RIBES				0	0	
horsebrush	Tetradymia	TETRA3				0	0	
						0	0	
						0	0	
						0	0	
<b>Trees</b>				<b>1%</b>	<b>1%</b>	<b>8</b>	<b>16</b>	
western juniper	Juniperus occidentalis	JUOC	16	1	2	8	16	
						0	0	
						0	0	
<b>Totals</b>				<b>100%</b>	<b>100%</b>	<b>592</b>	<b>1072</b>	

Site Name		DROUGHTY SOUTH SLOPES 11-13 PZ				
Site Number		023XY301OR				
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent	
	Low	0.02	0.07	0.12	0.16	
	High	0.04	0.13	0.21	0.30	
Rangeland Health Indicator [wt]	Potential for this Site					
1. Number and extent of rills [1.0]	None to some, Moderate to severe sheet & rill erosion hazard					
2. Presence of water flow patterns [1.0]	None to some					
3. Number and height of erosional pedestals or terracettes [1.0]	None to some terracettes					
4. Bare ground (rock, litter, lichen, moss, plant canopy are <i>not</i> bare ground) [1.0]	5-20%					
5. Number of gullies and erosion associated with gullies [1.0]	None					
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, Slight wind erosion hazard					
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement					
8. Soil surface resistance to erosion (average stability values) [1.0]	Moderately resistant to erosion: aggregate stability = 3-5					
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Shallow to moderately deep well drained stony loam (10 inches): Moderate OM (2-4%)					
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Moderate to significant ground cover (50-70%) and moderate to steep slopes (20-70%) moderately limit rainfall impact and overland flow					
11. Presence and thickness of compaction layer [1.0]	None					
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Bluebunch Wheatgrass > Thurber's Needlegrass > Idaho Fescue = Basin Big Sagebrush > forbs > other grasses > other shrubs					
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected					
14. Average percent litter cover and depth (inches) [1.0]	10-20% (<0.5")					
15. Expected annual production (total above-ground) [1.0]	Favorable: 1000, Normal: 800, Unfavorable: 500 lbs/acre/year at high RSI (HCPC)					
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community. Western Juniper readily invades the site. Cheatgrass and Medusahead invade sites that have lost deep rooted perennial grass functional groups					
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually					

<b>Site Name</b>		<b>SOUTH SLOPES 12-16 PZ</b>					
<b>Site Number</b>		<b>023XY302OR</b>					
<b>Plant Association</b>		<b>PSSP6/PUTR2-ARTRT</b>					
<b>Normal Lbs./Ac.</b>		<b>900</b>					
<b>Range of composition and weight of species in HCPC with normal production:</b>				<b>% Comp. by Wt.</b>		<b>Lbs./Acre</b>	
<b>Common Name</b>	<b>Scientific Name</b>	<b>Symbol</b>	<b>Group</b>	<b>Low</b>	<b>High</b>	<b>Low</b>	<b>High</b>
<b>Grasses &amp; Grass-like Plants</b>				<b>77%</b>	<b>64%</b>	<b>450</b>	<b>783</b>
bluebunch wheatgrass	Pseudoroegneria spicata	PSSP6	1	40	50	360	450
Idaho fescue	Festuca idahoensis	FEID	1	5	15	45	135
Sandberg bluegrass	Poa secunda	POSE	4	2	5	18	45
Thurber's needlegrass	Achnatherum thurberianum	ACTH7	2	1	2	9	18
Other Perennial Grasses	N/A	PPGG	5	2	15	18	135
western needlegrass	Achnatherum occidentale	ACOC3				0	0
California brome	Bromus carinatus	BRCA5				0	0
basin wildrye	Leymus cinereus	LECI4				0	0
bluegrass	Poa	POA				0	0
Lemmon's needlegrass	Achnatherum lemmonii	ACLE8				0	0
bottlebrush squirreltail	Elymus elymoides	ELEL5				0	0
prairie Junegrass	Koeleria macrantha	KOMA				0	0
<b>Forbs</b>				<b>8%</b>	<b>12%</b>	<b>45</b>	<b>144</b>
arrowleaf balsamroot	Balsamorhiza sagittata	BASA3	7	2	5	18	45
tapertip hawksbeard	Crepis acuminata	CRAC2	8	1	3	9	27
lupine	Lupinus	LUPIN	8	1	3	9	27
Other Perennial Forbs	N/A	PPFF	9	1	5	9	45
buckwheat (Eriog.)	Eriogonum	ERIO6				0	0
oneflower helianthella	Helianthella uniflora	HEUN				0	0
milkvetch	Astragalus	ASTRA				0	0
woolly mule-ears	Wyethia mollis	WYMO				0	0
goatsbeard	Tragopogon	TRAGO				0	0
naked mariposa lily	Calochortus nudus	CANU2				0	0
Indian paintbrush	Castilleja	CASTI2				0	0
phacelia	Phacelia	PHACE				0	0
phlox	Phlox	PHLOX				0	0
common yarrow	Achillea millefolium	ACMI2				0	0
lomatium (gen.)	Lomatium	LOMAT				0	0
pussytoes	Antennaria	ANTEN				0	0
						0	0
						0	0
						0	0
						0	0
<b>Shrubs</b>				<b>14%</b>	<b>22%</b>	<b>81</b>	<b>270</b>
mountain big sagebrush	Artemisia tridentata ssp. vaseyana	ARTRV	11	5	10	45	90
antelope bitterbrush	Purshia tridentata	PUTR2	11	2	10	18	90
Other Shrubs	N/A	SSSS	15	2	10	18	90
gray rabbitbrush	Ericameria nauseosa	ERNA10				0	0
green rabbitbrush	Chrysothamnus viscidiflorus	CHVI8				0	0
Klamath plum	Prunus subcordata	PRSU2				0	0
spineless horsebrush	Tetradymia canescens	TECA2				0	0
Saskatoon serviceberry	Amelanchier alnifolia	AMAL2				0	0
currant	Ribes	RIBES				0	0
basin big sagebrush	Artemisia tridentata ssp. tridentata	ARTRT				0	0
<b>Trees</b>				<b>2%</b>	<b>1%</b>	<b>9</b>	<b>18</b>
western juniper	Juniperus occidentalis	JUOC	16	1	2	9	18
						0	0
						0	0
<b>Totals</b>				<b>100%</b>	<b>100%</b>	<b>585</b>	<b>1215</b>

Site Name		SOUTH SLOPES 12-16 PZ				
Site Number		023XY302OR				
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent	
	Low	0.02	0.07	0.12	0.16	
	High	0.05	0.14	0.24	0.34	
Rangeland Health Indicator [wt]	Potential for this Site					
1. Number and extent of rills [1.0]	None to some, Moderate to severe sheet & rill erosion hazard					
2. Presence of water flow patterns [1.0]	None to some					
3. Number and height of erosional pedestals or terracettes [1.0]	None to some terracettes					
4. Bare ground (rock, litter, lichen, moss, plant canopy are <i>not</i> bare ground) [1.0]	5-20%					
5. Number of gullies and erosion associated with gullies [1.0]	None					
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, Slight wind erosion hazard					
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement					
8. Soil surface resistance to erosion (average stability values) [1.0]	Moderately resistant to erosion: aggregate stability = 3-5					
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Shallow to deep well drained stony loams, stoney clay loams, and gravelly silt loams: Moderate OM (2-4%)					
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Low to moderate ground cover (40-50%) and moderate to very steep slopes (30-70%) slightly to moderately limit rainfall impact and overland flow					
11. Presence and thickness of compaction layer [1.0]	None					
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Bluebunch Wheatgrass > other grasses > shrubs > forbs > trees					
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected					
14. Average percent litter cover and depth (inches) [1.0]	5-20% (<0.5")					
15. Expected annual production (total above-ground) [1.0]	Favorable: 1200, Normal: 900, Unfavorable: 600 lbs/acre/year at high RSI (HCPC)					
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community. Western Juniper readily invades the site. Cheatgrass and Medusahead invade sites that have lost deep rooted perennial grass functional groups					
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually					



<b>Site Name</b> SANDY SLOPES 10-12 PZ					
<b>Site Number</b> 023XY303OR					
<b>Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible</b>	<b>Class</b>	<b>Poor</b>	<b>Fair</b>	<b>Good</b>	<b>Excellent</b>
	<b>Low</b>	0.02	0.07	0.12	0.16
	<b>High</b>	0.04	0.12	0.20	0.28
<b>Rangeland Health Indicator [wt]</b>	<b>Potential for this Site</b>				
1. Number and extent of rills [1.0]	None, Moderate sheet & rill erosion hazard				
2. Presence of water flow patterns [1.0]	None				
3. Number and height of erosional pedestals or terracettes [1.0]	None to some pedestals				
4. Bare ground (rock, litter, lichen, moss, plant canopy are <i>not</i> bare ground) [1.0]	10-40%				
5. Number of gullies and erosion associated with gullies [1.0]	None				
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, Moderate wind erosion hazard				
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement				
8. Soil surface resistance to erosion (average stability values) [1.0]	Slightly resistant to erosion: aggregate stability = 1-2				
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Shallow well drained sandy loam soils (7 inches thick): Low OM (1-2%)				
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Low ground cover (30-40%) and gentle to moderate slopes (2-35%) slightly to moderately limit rainfall impact and overland flow				
11. Presence and thickness of compaction layer [1.0]	None				
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Needle-and-thread > Indian Ricegrass > other grasses > shrubs > forbs				
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected				
14. Average percent litter cover and depth (inches) [1.0]	10-20% (<0.5")				
15. Expected annual production (total above-ground) [1.0]	Favorable: 1000, Normal: 800, Unfavorable: 600 lbs/acre/year at high RSI (HCPC)				
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community. Western Juniper readily invades the site. Cheatgrass and Medusahead invade sites that have lost deep rooted perennial grass functional groups				
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually				



Site Name		NORTH SLOPES 10-12 PZ				
Site Number		023XY308OR				
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent	
	Low	0.03	0.09	0.14	0.20	
	High	0.05	0.15	0.25	0.35	
Rangeland Health Indicator [wt]	Potential for this Site					
1. Number and extent of rills [1.0]	None, Moderate sheet & rill erosion hazard					
2. Presence of water flow patterns [1.0]	None to some					
3. Number and height of erosional pedestals or terracettes [1.0]	None to very few terracettes					
4. Bare ground (rock, litter, lichen, moss, plant canopy are <i>not</i> bare ground) [1.0]	2-8%					
5. Number of gullies and erosion associated with gullies [1.0]	None					
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, Slight wind erosion hazard					
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement					
8. Soil surface resistance to erosion (average stability values) [1.0]	Moderately resistant to erosion: aggregate stability = 3-5					
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Deep well drained very gravelly to extremely cobbly loam: Moderate OM (2-4%)					
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Moderate to significant ground cover (50-65%) and moderate to very steep slopes (20-70%) moderately limit rainfall impact and overland flow					
11. Presence and thickness of compaction layer [1.0]	None					
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Idaho Fescue > Bluebunch Wheatgrass > shrubs > other grasses > forbs					
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected					
14. Average percent litter cover and depth (inches) [1.0]	10-25% (<0.5")					
15. Expected annual production (total above-ground) [1.0]	Favorable: 1300, Normal: 1000, Unfavorable: 700 lbs/acre/year at high RSI (HCPC)					
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community. Western Juniper readily invades the site. Cheatgrass and Medusahead invade sites that have lost deep rooted perennial grass functional groups					
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually					



Site Name		NORTH SLOPES 12-16 PZ				
Site Number		023XY310OR				
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent	
	Low	0.04	0.11	0.18	0.25	
	High	0.06	0.19	0.31	0.43	
Rangeland Health Indicator [wt]	Potential for this Site					
1. Number and extent of rills [1.0]	None to some, Moderate to severe sheet & rill erosion hazard					
2. Presence of water flow patterns [1.0]	None					
3. Number and height of erosional pedestals or terracettes [1.0]	None to some terracettes					
4. Bare ground (rock, litter, lichen, moss, plant canopy are <i>not</i> bare ground) [1.0]	10-35%					
5. Number of gullies and erosion associated with gullies [1.0]	None					
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, Slight wind erosion hazard					
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement					
8. Soil surface resistance to erosion (average stability values) [1.0]	Moderately resistant to erosion: aggregate stability = 3-5					
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Shallow to deep well drained gravelly sandy loams, stony loams, or extremely stony loam soils (with 20-70% rock fragments: Moderate OM (2-4%)					
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Low ground cover (30-35%) and gentle to very steep slopes (15-80%) slightly limit rainfall impact and overland flow					
11. Presence and thickness of compaction layer [1.0]	None					
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Idaho Fescue > Bluebunch Wheatgrass = Basin Wildrye = Mountain Big Sagebrush > Antelope Bitterbrush > other grasses > forbs > other shrubs					
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected					
14. Average percent litter cover and depth (inches) [1.0]	15-30% (<0.5")					
15. Expected annual production (total above-ground) [1.0]	Favorable: 1500, Normal: 1200, Unfavorable: 800 lbs/acre/year at high RSI (HCPC)					
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community. Western Juniper readily invades the site. Cheatgrass and Medusahead invade sites that have lost deep rooted perennial grass functional groups					
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually					

<b>Site Name</b>		SHALLOW NORTH 12-16 PZ					
<b>Site Number</b>		023XY312OR					
<b>Plant Association</b>		FEID-PSSP6/ARAR8					
<b>Normal Lbs./Ac.</b>		700					
<b>Range of composition and weight of species in HCPC with normal production:</b>				<b>% Comp. by Wt.</b>		<b>Lbs./Acre</b>	
<b>Common Name</b>	<b>Scientific Name</b>	<b>Symbol</b>	<b>Group</b>	<b>Low</b>	<b>High</b>	<b>Low</b>	<b>High</b>
<b>Grasses &amp; Grass-like Plants</b>				<b>78%</b>	<b>70%</b>	<b>413</b>	<b>686</b>
Idaho fescue	Festuca idahoensis	FEID	1	50	70	350	490
bluebunch wheatgrass	Pseudoroegneria spicata	PSSP6	2	5	15	35	105
Sandberg bluegrass	Poa secunda	POSE	4	2	5	14	35
Other Perennial Grasses	N/A	PPGG	5	2	8	14	56
Thurber's needlegrass	Achnatherum thurberianum	ACTH7				0	0
bottlebrush squirreltail	Elymus elymoides	ELEL5				0	0
bluegrass	Poa	POA				0	0
prairie Junegrass	Koeleria macrantha	KOMA				0	0
basin wildrye	Leymus cinereus	LECI4				0	0
						0	0
						0	0
						0	0
<b>Forbs</b>				<b>7%</b>	<b>12%</b>	<b>35</b>	<b>119</b>
phlox	Phlox	PHLOX	7	1	3	7	21
lupine	Lupinus	LUPIN	7	1	3	7	21
tapertip hawksbeard	Crepis acuminata	CRAC2	7	1	3	7	21
aster (Eucep.)	Eucephalus	EUCEP2	7	1	3	7	21
Other Perennial Forbs	N/A	PPFF	9	1	5	7	35
balsamroot	Balsamorhiza	BALSA				0	0
buckwheat (Eriog.)	Eriogonum	ERIOG				0	0
fleabane	Erigeron	ERIGE2				0	0
common yarrow	Achillea millefolium	ACMI2				0	0
lomatium (gen.)	Lomatium	LOMAT				0	0
agoseris	Agoseris	AGOSE				0	0
stoneseed	Lithospermum	LITHO3				0	0
Indian paintbrush	Castilleja	CASTI2				0	0
sandwort (Arena.)	Arenaria	ARENA				0	0
blue eyed Mary	Collinsia	COLLI				0	0
						0	0
						0	0
						0	0
						0	0
						0	0
						0	0
<b>Shrubs</b>				<b>14%</b>	<b>16%</b>	<b>77</b>	<b>161</b>
low sagebrush	Artemisia arbuscula	ARAR8	11	10	20	70	140
Other Shrubs	N/A	SSSS	15	1	3	7	21
green rabbitbrush	Chrysothamnus viscidiflorus	CHVI8				0	0
antelope bitterbrush	Purshia tridentata	PUTR2				0	0
horsebrush	Tetradymia	TETRA3				0	0
						0	0
						0	0
						0	0
						0	0
						0	0
						0	0
<b>Trees</b>				<b>1%</b>	<b>1%</b>	<b>7</b>	<b>14</b>
western juniper	Juniperus occidentalis	JUOC	16	1	2	7	14
						0	0
						0	0
<b>Totals</b>				<b>100%</b>	<b>100%</b>	<b>532</b>	<b>980</b>

Site Name		SHALLOW NORTH 12-16 PZ				
Site Number		023XY312OR				
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent	
	Low	0.02	0.06	0.11	0.15	
	High	0.04	0.12	0.19	0.27	
Rangeland Health Indicator [wt]	Potential for this Site					
1. Number and extent of rills [1.0]	None, Moderate to severe sheet & rill erosion hazard					
2. Presence of water flow patterns [1.0]	None					
3. Number and height of erosional pedestals or terracettes [1.0]	None to very few terracettes					
4. Bare ground (rock, litter, lichen, moss, plant canopy are <i>not</i> bare ground) [1.0]	5-30%					
5. Number of gullies and erosion associated with gullies [1.0]	None					
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, Moderate wind erosion hazard					
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement					
8. Soil surface resistance to erosion (average stability values) [1.0]	Moderately resistant to erosion: aggregate stability = 3-5					
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Shallow to very shallow loam soils (5-12 inches thick): Low OM (1-2%)					
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Moderate ground cover (50-60%) and gentle to very steep slopes (20-70%) moderately limit rainfall impact and overland flow					
11. Presence and thickness of compaction layer [1.0]	None					
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Idaho Fescue > Low Sagebrush > Bluebunch Wheatgrass > forbs > other grasses > other shrubs					
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected					
14. Average percent litter cover and depth (inches) [1.0]	10-20% (<0.5")					
15. Expected annual production (total above-ground) [1.0]	Favorable: 1000, Normal: 700, Unfavorable: 500 lbs/acre/year at high RSI (HCPC)					
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community. Western Juniper readily invades the site. Cheatgrass and Medusahead invade sites that have lost deep rooted perennial grass functional groups					
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually					



Site Name		GRAVELLY NORTH SLOPES 12-16 PZ				
Site Number		023XY314OR				
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent	
	Low	0.03	0.09	0.14	0.20	
	High	0.05	0.14	0.24	0.34	
Rangeland Health Indicator [wt]	Potential for this Site					
1. Number and extent of rills [1.0]	None, Moderate sheet & rill erosion hazard					
2. Presence of water flow patterns [1.0]	None					
3. Number and height of erosional pedestals or terracettes [1.0]	None to some pedestals					
4. Bare ground (rock, litter, lichen, moss, plant canopy are <i>not</i> bare ground) [1.0]	10-35%					
5. Number of gullies and erosion associated with gullies [1.0]	None					
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, Moderate wind erosion hazard					
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement					
8. Soil surface resistance to erosion (average stability values) [1.0]	Moderately resistant to erosion: aggregate stability = 3-5					
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Moderately deep well drained very stony loam soils with 15-35% surface fragments: Moderate OM (2-4%)					
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Low ground cover (25-35%) and gentle to moderately steep slopes (20-50%) slightly limit rainfall impact and overland flow					
11. Presence and thickness of compaction layer [1.0]	None					
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Idaho Fescue > other grasses > shrubs > forbs					
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected					
14. Average percent litter cover and depth (inches) [1.0]	10-25% (<0.5")					
15. Expected annual production (total above-ground) [1.0]	Favorable: 1200, Normal: 900, Unfavorable: 600 lbs/acre/year at high RSI (HCPC)					
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community. Cheatgrass invades sites that have lost deep rooted perennial grass functional groups					
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually					

<b>Site Name</b>		<b>DROUGHTY LOAM 11-13 PZ</b>						
<b>Site Number</b>		<b>023XY316OR</b>						
<b>Plant Association</b>		<b>FEID-ACTH7-PSSP6/ARTRW8</b>						
<b>Normal Lbs./Ac.</b>		<b>1000</b>						
<b>Range of composition and weight of species in HCPC with normal production:</b>					<b>% Comp. by Wt.</b>		<b>Lbs./Acre</b>	
<b>Common Name</b>	<b>Scientific Name</b>	<b>Symbol</b>	<b>Group</b>	<b>Low</b>	<b>High</b>	<b>Low</b>	<b>High</b>	
<b>Grasses &amp; Grass-like Plants</b>				<b>84%</b>	<b>79%</b>	<b>660</b>	<b>1100</b>	
Idaho fescue	Festuca idahoensis	FEID	1	30	40	300	400	
Thurber's needlegrass	Achnatherum thurberianum	ACTH7	1	20	30	200	300	
bluebunch wheatgrass	Pseudoroegneria spicata	PSSP6	1	10	20	100	200	
Sandberg bluegrass	Poa secunda	POSE	4	2	5	20	50	
basin wildrye	Leymus cinereus	LECT4	2	2	5	20	50	
Other Perennial Grasses	N/A	PPGG	5	2	10	20	100	
prairie Junegrass	Koeleria macrantha	KOMA				0	0	
Ross' sedge	Carex rossii	CARO5				0	0	
Cusick's bluegrass	Poa cusickii	POCU3				0	0	
bottlebrush squirreltail	Elymus elymoides	ELEL5				0	0	
Indian ricegrass	Achnatherum hymenoides	ACHY				0	0	
						0	0	
<b>Forbs</b>				<b>5%</b>	<b>8%</b>	<b>40</b>	<b>110</b>	
buckwheat (Eriog.)	Eriogonum	ERIOG	7	1	2	10	20	
milkvetch	Astragalus	ASTRA	7	1	2	10	20	
lupine	Lupinus	LUPIN	7	1	2	10	20	
Other Perennial Forbs	N/A	PPFF	9	1	5	10	50	
common yarrow	Achillea millefolium	ACMI2				0	0	
phlox	Phlox	PHLOX				0	0	
arrowleaf balsamroot	Balsamorhiza sagittata	BASA3				0	0	
fleabane	Erigeron	ERIGE2				0	0	
tapertip hawksbeard	Crepis acuminata	CRAC2				0	0	
stoneseed	Lithospermum	LITHO3				0	0	
phacelia	Phacelia	PHACE				0	0	
lomatium (gen.)	Lomatium	LOMAT				0	0	
agoseris	Agoseris	AGOSE				0	0	
pussytoes	Antennaria	ANTEN				0	0	
wild onion	Allium	ALLIU				0	0	
groundsel	Senecio	SENEC				0	0	
deathcamas	Zigadenus	ZIGAD				0	0	
larkspur	Delphinium	DELPH				0	0	
Lava aster	Ionactis alpina	IOAL				0	0	
						0	0	
<b>Shrubs</b>				<b>10%</b>	<b>12%</b>	<b>80</b>	<b>170</b>	
Wyoming big sagebrush	Artemisia tridentata ssp. wyomingensis	ARTRW8	11	5	10	50	100	
basin big sagebrush	Artemisia tridentata ssp. tridentata	ARTRT	12	2	5	20	50	
Other Shrubs	N/A	SSSS	15	1	2	10	20	
green rabbitbrush	Chrysothamnus viscidiflorus	CHVI8				0	0	
antelope bitterbrush	Purshia tridentata	PUTR2				0	0	
						0	0	
						0	0	
						0	0	
						0	0	
						0	0	
						0	0	
<b>Trees</b>				<b>1%</b>	<b>1%</b>	<b>10</b>	<b>20</b>	
western juniper	Juniperus occidentalis	JUOC	16	1	2	10	20	
						0	0	
						0	0	
<b>Totals</b>				<b>100%</b>	<b>100%</b>	<b>790</b>	<b>1400</b>	

Site Name		DROUGHTY LOAM 11-13 PZ				
Site Number		023XY316OR				
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent	
	Low	0.03	0.09	0.16	0.22	
	High	0.06	0.17	0.28	0.39	
Rangeland Health Indicator [wt]	Potential for this Site					
1. Number and extent of rills [1.0]	None, Moderate sheet & rill erosion hazard					
2. Presence of water flow patterns [1.0]	None					
3. Number and height of erosional pedestals or terracettes [1.0]	None					
4. Bare ground (rock, litter, lichen, moss, plant canopy are <i>not</i> bare ground) [1.0]	5-15%					
5. Number of gullies and erosion associated with gullies [1.0]	None					
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, Moderate wind erosion hazard					
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement					
8. Soil surface resistance to erosion (average stability values) [1.0]	Moderately resistant to erosion: aggregate stability = 3-5					
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Shallow to moderately deep gravelly sandy loam, gravelly loam, or loam soils (10-20 inches thick): Low OM (1-2%)					
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Significant ground cover (60-80%) and gentle to moderate slopes (%) effectively limit rainfall impact and overland flow					
11. Presence and thickness of compaction layer [1.0]	None					
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Idaho Fescue > Thurber's Needlegrass > Bluebunch Wheatgrass > shrubs > other grasses > forbs					
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected					
14. Average percent litter cover and depth (inches) [1.0]	10-25% (<0.5")					
15. Expected annual production (total above-ground) [1.0]	Favorable: 1200, Normal: 1000, Unfavorable: 700 lbs/acre/year at high RSI (HCPC)					
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community. Western Juniper readily invades the site. Cheatgrass and Medusahead invade sites that have lost deep rooted perennial grass functional groups					
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually					

<b>Site Name</b>	LOAMY 12-16 PZ							
<b>Site Number</b>	023XY318OR							
<b>Plant Association</b>	FEID-ACTH7-PSSP6/ARTRT-ARTRV							
<b>Normal Lbs./Ac.</b>	1000							
<b>Range of composition and weight of species in HCPC with normal production:</b>					<b>% Comp. by Wt.</b>		<b>Lbs./Acre</b>	
<b>Common Name</b>	<b>Scientific Name</b>	<b>Symbol</b>	<b>Group</b>	<b>Low</b>	<b>High</b>	<b>Low</b>	<b>High</b>	
<b>Grasses &amp; Grass-like Plants</b>					<b>78%</b>	<b>77%</b>	<b>540</b>	<b>1100</b>
Idaho fescue	Festuca idahoensis	FEID	1	40	60	400	600	
Thurber's needlegrass	Achnatherum thurberianum	ACTH7	1	5	20	50	200	
bluebunch wheatgrass	Pseudoroegneria spicata	PSSP6	2	5	15	50	150	
Sandberg bluegrass	Poa secunda	POSE	4	2	5	20	50	
Other Perennial Grasses	N/A	PPGG	5	2	10	20	100	
bluegrass	Poa	POA				0	0	
basin wildrye	Leymus cinereus	LECT4				0	0	
sedge	Carex	CAREX				0	0	
bottlebrush squirreltail	Elymus elymoides	ELEL5				0	0	
mountain brome	Bromus marginatus	BRMA4				0	0	
western needlegrass	Achnatherum occidentale	ACOC3				0	0	
prairie Junegrass	Koeleria macrantha	KOMA				0	0	
<b>Forbs</b>					<b>10%</b>	<b>10%</b>	<b>70</b>	<b>150</b>
lupine	Lupinus	LUPIN	7	1	2	10	20	
common yarrow	Achillea millefolium	ACMI2	7	1	2	10	20	
groundsel	Senecio	SENEC	7	1	2	10	20	
phlox	Phlox	PHLOX	7	1	2	10	20	
tapertip hawksbeard	Crepis acuminata	CRAC2	7	1	2	10	20	
Other Perennial Forbs	N/A	PPFF	9	2	5	20	50	
beardtongue	Penstemon	PENST				0	0	
agoseris	Agoseris	AGOSE				0	0	
aster (Eucep.)	Eucephalus	EUCEP2				0	0	
fleabane	Erigeron	ERIGE2				0	0	
buckwheat (Eriog.)	Eriogonum	ERIOG				0	0	
Indian paintbrush	Castilleja	CASTI2				0	0	
milkvetch	Astragalus	ASTRA				0	0	
pussytoes	Antennaria	ANTEN				0	0	
						0	0	
						0	0	
						0	0	
						0	0	
						0	0	
						0	0	
						0	0	
<b>Shrubs</b>					<b>12%</b>	<b>13%</b>	<b>80</b>	<b>180</b>
mountain big sagebrush	Artemisia tridentata ssp. vaseyana	ARTRV	11	5	10	50	100	
basin big sagebrush	Artemisia tridentata ssp. tridentata	ARTRT	12	2	5	20	50	
Other Shrubs	N/A	SSSS	15	1	3	10	30	
rabbitbrush	Chrysothamnus	CHRYS9				0	0	
common snowberry	Symphoricarpos albus	SYAL				0	0	
currant	Ribes	RIBES				0	0	
horsebrush	Tetradymia	TETRA3				0	0	
granite prickly phlox	Leptodactylon pungens	LEPU				0	0	
						0	0	
						0	0	
<b>Trees</b>					<b>0%</b>	<b>0%</b>	<b>0</b>	<b>0</b>
						0	0	
						0	0	
						0	0	
<b>Totals</b>					<b>100%</b>	<b>100%</b>	<b>690</b>	<b>1430</b>

Site Name <b>LOAMY 12-16 PZ</b>					
Site Number <b>023XY318OR</b>					
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent
	Low	0.03	0.08	0.14	0.19
	High	0.06	0.17	0.28	0.40
Rangeland Health Indicator [wt]	Potential for this Site				
1. Number and extent of rills [1.0]	None				
2. Presence of water flow patterns [1.0]	None				
3. Number and height of erosional pedestals or terracettes [1.0]	None to very few pedestals				
4. Bare ground (rock, litter, lichen, moss, plant canopy are <i>not</i> bare ground) [1.0]	10-35%				
5. Number of gullies and erosion associated with gullies [1.0]	None				
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, Slight to moderate wind erosion hazard				
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement				
8. Soil surface resistance to erosion (average stability values) [1.0]	Moderately to significantly resistant to erosion: aggregate stability = 4-6				
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Moderately deep to deep loam, stony loam, gravelly clay loam or clay loam soils (10-40 inches thick): Moderate OM (2-4%)				
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Low to moderate ground cover (35-60%) and gentle to moderate slopes (2-35%) moderately limit rainfall impact and overland flow				
11. Presence and thickness of compaction layer [1.0]	None				
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Idaho Fescue > Thurber's Needlegrass > shrubs > other grasses > forbs				
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected				
14. Average percent litter cover and depth (inches) [1.0]	10-20% (<0.5")				
15. Expected annual production (total above-ground) [1.0]	Favorable: 1200, Normal: 1000, Unfavorable: 700 lbs/acre/year at high RSI (HCPC)				
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species and forbs will increase with deterioration of plant community. Western Juniper readily invades the site. Cheatgrass invades sites that have lost deep rooted perennial grass functional groups				
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually				



Site Name		JUNIPER SOUTH SLOPES 12-16 PZ				
Site Number		023XY320OR				
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible		Class	Poor	Fair	Good	Excellent
		Low	0.02	0.06	0.09	0.13
		High	0.04	0.12	0.19	0.27
Rangeland Health Indicator [wt]	Potential for this Site					
1. Number and extent of rills [1.0]	None, Moderate sheet & rill erosion hazard					
2. Presence of water flow patterns [1.0]	None					
3. Number and height of erosional pedestals or terracettes [1.0]	None to some terracettes					
4. Bare ground (rock, litter, lichen, moss, plant canopy are <i>not</i> bare ground) [1.0]	5-10%					
5. Number of gullies and erosion associated with gullies [1.0]	None					
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, Slight wind erosion hazard					
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement					
8. Soil surface resistance to erosion (average stability values) [1.0]	Moderately resistant to erosion: aggregate stability = 3-5					
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Moderately well drained very stony loams with claypan, high shrink-swell potential and some soil churning: Moderate OM (2-4%)					
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Moderate ground cover (50-60%) and gentle to steep slopes (20-60%) moderately limit rainfall impact and overland flow					
11. Presence and thickness of compaction layer [1.0]	None					
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Bluebunch Wheatgrass > Idaho Fescue > Thurber's Needlegrass = Western Juniper > other grasses > shrubs > forbs					
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected					
14. Average percent litter cover and depth (inches) [1.0]	5-15% (<0.5")					
15. Expected annual production (total above-ground) [1.0]	Favorable: 800, Normal: 600, Unfavorable: 400 lbs/acre/year at high RSI (HCPC)					
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species and Western Juniper will increase with deterioration of plant community. Cheatgrass invades sites that have lost deep rooted perennial grass functional groups					
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually					

<b>Site Name</b>	DEEP LOAMY 12-16 PZ							
<b>Site Number</b>	023XY321OR							
<b>Plant Association</b>	FEID-ACTH7/ARTRV-PUTR2							
<b>Normal Lbs./Ac.</b>	850							
<b>Range of composition and weight of species in HCPC with normal production:</b>					<b>% Comp. by Wt.</b>		<b>Lbs./Acre</b>	
<b>Common Name</b>	<b>Scientific Name</b>	<b>Symbol</b>	<b>Group</b>	<b>Low</b>	<b>High</b>	<b>Low</b>	<b>High</b>	
<b>Grasses &amp; Grass-like Plants</b>				<b>71%</b>	<b>60%</b>	<b>468</b>	<b>689</b>	
Idaho fescue	Festuca idahoensis	FEID	1	25	35	212.5	297.5	
Sandberg bluegrass	Poa secunda	POSE	3	15	20	127.5	170	
Cusick's bluegrass	Poa cusickii	POCU3	2	5	8	42.5	68	
bluebunch wheatgrass	Pseudoroegneria spicata	PSSP6	2	5	8	42.5	68	
Other Perennial Grasses	N/A	PPGG	5	5	10	42.5	85	
bottlebrush squirreltail	Elymus elymoides	ELEL5				0	0	
prairie Junegrass	Koeleria macrantha	KOMA				0	0	
Thurber's needlegrass	Achnatherum thurberianum	ACTH7				0	0	
mountain brome	Bromus marginatus	BRMA4				0	0	
western needlegrass	Achnatherum occidentale	ACOC3				0	0	
basin wildrye	Leymus cinereus	LECI4				0	0	
						0	0	
<b>Forbs</b>				<b>9%</b>	<b>13%</b>	<b>60</b>	<b>153</b>	
lupine	Lupinus	LUPIN	7	2	5	17	42.5	
tapertip hawksbeard	Crepis acuminata	CRAC2	8	1	3	8.5	25.5	
balsamroot	Balsamorhiza	BALSA	8	1	3	8.5	25.5	
longleaf phlox	Phlox longifolia	PHLO2	8	1	2	8.5	17	
Other Perennial Forbs	N/A	PPFF	9	2	5	17	42.5	
Indian paintbrush	Castilleja	CASTI2				0	0	
buckwheat (Eriog.)	Eriogonum	ERIO6				0	0	
lomatium (gen.)	Lomatium	LOMAT				0	0	
common yarrow	Achillea millefolium	ACMI2				0	0	
groundsel	Senecio	SENEC				0	0	
stoneseed	Lithospermum	LITHO3				0	0	
fleabane	Erigeron	ERIGE2				0	0	
wild onion	Allium	ALLIU				0	0	
larkspur	Delphinium	DELPH				0	0	
						0	0	
						0	0	
						0	0	
						0	0	
						0	0	
						0	0	
						0	0	
<b>Shrubs</b>				<b>19%</b>	<b>27%</b>	<b>128</b>	<b>306</b>	
mountain big sagebrush	Artemisia tridentata ssp. vaseyana	ARTRV	11	10	15	85	127.5	
antelope bitterbrush	Purshia tridentata	PUTR2	12	2	10	17	85	
green rabbitbrush	Chrysothamnus viscidiflorus	CHVI8	12	1	3	8.5	25.5	
Other Shrubs	N/A	SSSS	15	2	8	17	68	
common snowberry	Symphoricarpos albus	SYAL				0	0	
Saskatoon serviceberry	Amelanchier alnifolia	AMAL2				0	0	
rose	Rosa	ROSA5				0	0	
currant	Ribes	RIBES				0	0	
						0	0	
						0	0	
<b>Trees</b>				<b>0%</b>	<b>0%</b>	<b>0</b>	<b>0</b>	
						0	0	
						0	0	
						0	0	
<b>Totals</b>				<b>100%</b>	<b>100%</b>	<b>655</b>	<b>1147.5</b>	

Site Name		DEEP LOAMY 12-16 PZ				
Site Number		023XY321OR				
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent	
	Low	0.03	0.08	0.13	0.18	
	High	0.05	0.14	0.23	0.32	
Rangeland Health Indicator [wt]	Potential for this Site					
1. Number and extent of rills [1.0]	None					
2. Presence of water flow patterns [1.0]	None					
3. Number and height of erosional pedestals or terracettes [1.0]	None to very few pedestals					
4. Bare ground (rock, litter, lichen, moss, plant canopy are <i>not</i> bare ground) [1.0]	15-35%					
5. Number of gullies and erosion associated with gullies [1.0]	None					
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, Moderate wind erosion hazard					
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement					
8. Soil surface resistance to erosion (average stability values) [1.0]	Moderately resistant to erosion: aggregate stability = 3-5					
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Moderately deep well drained medium textured soils (loams): Moderate OM (2-4%)					
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Low to moderate ground cover (30-50%) and gentle slopes (5-15%) moderately limit rainfall impact and overland flow					
11. Presence and thickness of compaction layer [1.0]	None					
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Idaho Fescue > Other grasses > shrubs > forbs					
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected					
14. Average percent litter cover and depth (inches) [1.0]	10-20% (<0.5")					
15. Expected annual production (total above-ground) [1.0]	Favorable: 1100, Normal: 850, Unfavorable: 500 lbs/acre/year at high RSI (HCPC)					
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community. Western Juniper readily invades the site. Cheatgrass and Medusahead invade sites that have lost deep rooted perennial grass functional groups					
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually					



<b>Site Name</b> SHALLOW SWALE 10-14 PZ					
<b>Site Number</b> 023XY324OR					
<b>Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible</b>	<b>Class</b>	<b>Poor</b>	<b>Fair</b>	<b>Good</b>	<b>Excellent</b>
	<b>Low</b>	0.02	0.05	0.08	0.11
	<b>High</b>	0.03	0.08	0.14	0.19
<b>Rangeland Health Indicator [wt]</b>	<b>Potential for this Site</b>				
1. Number and extent of rills [1.0]	None				
2. Presence of water flow patterns [1.0]	None				
3. Number and height of erosional pedestals or terracettes [1.0]	None to very few pedestals				
4. Bare ground (rock, litter, lichen, moss, plant canopy are <i>not</i> bare ground) [1.0]	10-35%				
5. Number of gullies and erosion associated with gullies [1.0]	None				
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, Slight wind erosion hazard				
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement				
8. Soil surface resistance to erosion (average stability values) [1.0]	Moderately resistant to erosion: aggregate stability = 3-5				
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Very deep somewhat poorly drained silt loam soils (2-11 inches thick) with clay layer at 11 inches or less: Moderate OM (2-4%)				
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Low to moderate ground cover (35-45%) and gentle slopes (0-2%) moderately limit rainfall impact and overland flow				
11. Presence and thickness of compaction layer [1.0]	None				
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Sandberg Bluegrass + (Nevada Bluegrass) > Low Sagebrush > Bottlebrush Squirreltail > Thurber's Needlegrass > other grasses > forbs > other shrubs				
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected				
14. Average percent litter cover and depth (inches) [1.0]	5-15% (<0.5")				
15. Expected annual production (total above-ground) [1.0]	Favorable: 700, Normal: 500, Unfavorable: 300 lbs/acre/year at high RSI (HCPC)				
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community. Cheatgrass invades sites that have lost deep rooted perennial grass functional groups				
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually				



Site Name <b>LOAMY 16-20 PZ</b>					
Site Number <b>023XY400OR</b>					
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent
	Low	0.03	0.08	0.13	0.18
	High	0.04	0.13	0.21	0.30
Rangeland Health Indicator [wt]	Potential for this Site				
1. Number and extent of rills [1.0]	None				
2. Presence of water flow patterns [1.0]	None				
3. Number and height of erosional pedestals or terracettes [1.0]	None to very few terracettes				
4. Bare ground (rock, litter, lichen, moss, plant canopy are <i>not</i> bare ground) [1.0]	5-15%				
5. Number of gullies and erosion associated with gullies [1.0]	None				
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, Slight wind erosion hazard				
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement				
8. Soil surface resistance to erosion (average stability values) [1.0]	Moderately resistant to erosion: aggregate stability = 3-5				
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Moderately deep to deep well drained medium textured soils (gravelly loams) with 50-80% rock fragments throughout profile: Moderate OM (2-4%)				
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Significant ground cover (70%) and gentle to moderate slopes (2-30%) effectively limit rainfall impact and overland flow				
11. Presence and thickness of compaction layer [1.0]	None				
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Rough Fescue > shrubs > forbs > other grasses				
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected				
14. Average percent litter cover and depth (inches) [1.0]	10-20% (<0.5")				
15. Expected annual production (total above-ground) [1.0]	Favorable: 1100, Normal: 800, Unfavorable: 600 lbs/acre/year at high RSI (HCPC)				
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community, while Rough and Idaho Fescues decrease in the stand. With further deterioration Mountain Big Sagebrush will dominate the site with an almost closed canopy.				
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually				

<b>Site Name</b>	DEEP NORTH 12-18 PZ							
<b>Site Number</b>	023XY404OR							
<b>Plant Association</b>	FEID-ACHNA/ARTRV-PUTR2							
<b>Normal Lbs./Ac.</b>	1200							
<b>Range of composition and weight of species in HCPC with normal production:</b>					<b>% Comp. by Wt.</b>		<b>Lbs./Acre</b>	
<b>Common Name</b>	<b>Scientific Name</b>	<b>Symbol</b>	<b>Group</b>	<b>Low</b>	<b>High</b>	<b>Low</b>	<b>High</b>	
<b>Grasses &amp; Grass-like Plants</b>				<b>82%</b>	<b>74%</b>	<b>828</b>	<b>1320</b>	
Idaho fescue	Festuca idahoensis	FEID	1	50	60	600	720	
needlegrass	Achnatherum	ACHNA	2	10	20	120	240	
bluebunch wheatgrass	Pseudoroegneria spicata	PSSP6	2	5	10	60	120	
bluegrass	Poa	POA	4	2	5	24	60	
Other Perennial Grasses	N/A	PPGG	5	2	15	24	180	
prairie Junegrass	Koeleria macrantha	KOMA				0	0	
California brome	Bromus carinatus	BRCA5				0	0	
blue wildrye	Elymus glaucus	ELGL				0	0	
oniongrass (gen.)	Melica	MELIC				0	0	
sedge	Carex	CAREX				0	0	
bottlebrush squirreltail	Elymus elymoides	ELEL5				0	0	
basin wildrye	Leymus cinereus	LECI4				0	0	
<b>Forbs</b>				<b>6%</b>	<b>9%</b>	<b>60</b>	<b>168</b>	
arrowleaf balsamroot	Balsamorhiza sagittata	BASA3	7	1	3	12	36	
lupine	Lupinus	LUPIN	8	1	2	12	24	
lomatium (gen.)	Lomatium	LOMAT	8	1	2	12	24	
buckwheat (Eriog.)	Eriogonum	ERIOG	8	1	2	12	24	
Other Perennial Forbs	N/A	PPFF	9	1	5	12	60	
common yarrow	Achillea millefolium	ACMI2				0	0	
groundsel	Senecio	SENEC				0	0	
milkvetch	Astragalus	ASTRA				0	0	
fleabane	Erigeron	ERIGE2				0	0	
phlox	Phlox	PHLOX				0	0	
giant hyssop	Agastache	AGAST				0	0	
sandwort (Arena.)	Arenaria	ARENA				0	0	
pussytoes	Antennaria	ANTEN				0	0	
hawksbeard	Crepis	CREPI				0	0	
deathcamas	Zigadenus	ZIGAD				0	0	
larkspur	Delphinium	DELPH				0	0	
bushy bird's beak	Cordylanthus ramosus	CORA5				0	0	
bluebells	Mertensia	MERTE				0	0	
hoary tansyaster	Machaeranthera canescens	MACA2				0	0	
phacelia	Phacelia	PHACE				0	0	
beardtongue	Penstemon	PENST				0	0	
bedstraw	Galium	GALIU				0	0	
<b>Shrubs</b>				<b>12%</b>	<b>17%</b>	<b>120</b>	<b>300</b>	
mountain big sagebrush	Artemisia tridentata ssp. vaseyana	ARTRV	11	5	10	60	120	
mountain snowberry	Symphoricarpos oreophilus	SYOR2	14	2	8	24	96	
currant	Ribes	RIBES	14	1	3	12	36	
green rabbitbrush	Chrysothamnus viscidiflorus	CHVI8	12	1	2	12	24	
Other Shrubs	N/A	SSSS	15	1	2	12	24	
elderberry	Sambucus	SAMBU				0	0	
oceanspray	Holodiscus discolor	HODI				0	0	
ceanothus	Ceanothus	CEANO				0	0	
<b>Trees</b>				<b>0%</b>	<b>0%</b>	<b>0</b>	<b>0</b>	
						0	0	
						0	0	
						0	0	
<b>Totals</b>				<b>100%</b>	<b>100%</b>	<b>1008</b>	<b>1788</b>	

Site Name		DEEP NORTH 12-18 PZ				
Site Number		023XY404OR				
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible		Class	Poor	Fair	Good	Excellent
		Low	0.04	0.12	0.20	0.28
		High	0.07	0.21	0.35	0.50
Rangeland Health Indicator [wt]	Potential for this Site					
1. Number and extent of rills [1.0]	None to some, Moderate to severe sheet & rill erosion hazard					
2. Presence of water flow patterns [1.0]	None to some					
3. Number and height of erosional pedestals or terracettes [1.0]	None to some terracettes					
4. Bare ground (rock, litter, lichen, moss, plant canopy are <i>not</i> bare ground) [1.0]	5-15%					
5. Number of gullies and erosion associated with gullies [1.0]	None					
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, Moderate wind erosion hazard					
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement					
8. Soil surface resistance to erosion (average stability values) [1.0]	Moderately resistant to erosion: aggregate stability = 2-5					
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Deep well drained silt loam to silty clay loam (10-20 inches thick): Moderate OM (2-4%)					
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Significant ground cover (70-80%) and gentle to steep slopes (20-70%) moderately to significantly limit rainfall impact and overland flow					
11. Presence and thickness of compaction layer [1.0]	None					
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Idaho Fescue > Needlegrasses > Bluebunch Wheatgrass = Mountain Big Sagebrush > other grasses > forbs > other shrubs					
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected					
14. Average percent litter cover and depth (inches) [1.0]	15-30% (<0.5")					
15. Expected annual production (total above-ground) [1.0]	Favorable: 1600, Normal: 1200, Unfavorable: 800 lbs/acre/year at high RSI (HCPC)					
16. Potential invasive (including noxious species (native and non-native) [1.0]	Perennial brush species, Mountain Brome, & Squirreltail will increase with deterioration of plant community, while Idaho Fescue decreases in the stand. Cheatgrass & other annuals invade sites that have lost deep rooted perennial grass functional groups and bare ground will markedly increase.					
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually					

<b>Site Name</b>		SWALE 12-16 PZ					
<b>Site Number</b>		023XY406OR					
<b>Plant Association</b>		LECI4-POCU3/ARTRV-SYAL					
<b>Normal Lbs./Ac.</b>		1400					
<b>Range of composition and weight of species in HCPC with normal production:</b>				<b>% Comp. by Wt.</b>		<b>Lbs./Acre</b>	
<b>Common Name</b>	<b>Scientific Name</b>	<b>Symbol</b>	<b>Group</b>	<b>Low</b>	<b>High</b>	<b>Low</b>	<b>High</b>
<b>Grasses &amp; Grass-like Plants</b>				<b>60%</b>	<b>59%</b>	<b>476</b>	<b>1050</b>
basin wildrye	Leymus cinereus	LECI4	1	15	40	210	560
Cusick's bluegrass	Poa cusickii	POCU3	3	10	15	140	210
Idaho fescue	Festuca idahoensis	FEID	2	5	10	70	140
bluebunch wheatgrass	Pseudoroegneria spicata	PSSP6	2	2	5	28	70
Other Perennial Grasses	N/A	PPGG	5	2	5	28	70
prairie Junegrass	Koeleria macrantha	KOMA				0	0
sedge	Carex	CAREX				0	0
Sandberg bluegrass	Poa secunda	POSE				0	0
						0	0
						0	0
						0	0
						0	0
<b>Forbs</b>				<b>11%</b>	<b>10%</b>	<b>84</b>	<b>182</b>
agoseris	Agoseris	AGOSE	7	1	2	14	28
tapertip hawksbeard	Crepis acuminata	CRAC2	7	1	2	14	28
lupine	Lupinus	LUPIN	7	1	2	14	28
arrowleaf balsamroot	Balsamorhiza sagittata	BASA3	7	1	2	14	28
sulphur-flower buckwheat	Eriogonum umbellatum	ERUM	7	1	2	14	28
Other Perennial Forbs	N/A	PPFF	9	1	3	14	42
buckwheat (Eriog.)	Eriogonum	ERIOG				0	0
cinquefoil	Potentilla	POTEN				0	0
milkvetch	Astragalus	ASTRA				0	0
granite prickly phlox	Leptodactylon pungens	LEPU				0	0
locoweed	Oxytropis	OXYTR				0	0
fleabane	Erigeron	ERIGE2				0	0
Indian paintbrush	Castilleja	CASTI2				0	0
arnica	Arnica	ARNIC				0	0
						0	0
						0	0
						0	0
						0	0
						0	0
						0	0
						0	0
<b>Shrubs</b>				<b>30%</b>	<b>31%</b>	<b>238</b>	<b>560</b>
mountain big sagebrush	Artemisia tridentata ssp. vaseyana	ARTRV	11	5	15	70	210
mountain snowberry	Symphoricarpos oreophilus	SYOR2	13	5	10	70	140
green rabbitbrush	Chrysothamnus viscidiflorus	CHVI8	11	5	10	70	140
antelope bitterbrush	Purshia tridentata	PUTR2	12	2	5	28	70
						0	0
						0	0
						0	0
						0	0
						0	0
						0	0
						0	0
<b>Trees</b>				<b>0%</b>	<b>0%</b>	<b>0</b>	<b>0</b>
						0	0
						0	0
						0	0
<b>Totals</b>				<b>100%</b>	<b>100%</b>	<b>798</b>	<b>1792</b>

Site Name <b>SWALE 12-16 PZ</b>					
Site Number <b>023XY406OR</b>					
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent
	Low	0.03	0.09	0.16	0.22
	High	0.07	0.21	0.35	0.50
Rangeland Health Indicator [wt]	Potential for this Site				
1. Number and extent of rills [1.0]	None, Moderate sheet & rill erosion hazard				
2. Presence of water flow patterns [1.0]	None				
3. Number and height of erosional pedestals or terracettes [1.0]	None				
4. Bare ground (rock, litter, lichen, moss, plant canopy are <i>not</i> bare ground) [1.0]	5-15%				
5. Number of gullies and erosion associated with gullies [1.0]	None				
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, Moderate wind erosion hazard				
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement				
8. Soil surface resistance to erosion (average stability values) [1.0]	Moderately resistant to erosion: aggregate stability = 3-5				
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Deep well drained medium textured soils (loams): Moderate OM (3-5%)				
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Significant ground cover (80-90%) and gentle slopes (2-12%) effectively limit rainfall impact and overland flow				
11. Presence and thickness of compaction layer [1.0]	None				
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Basin Wildrye > shrubs > other grasses > forbs				
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected				
14. Average percent litter cover and depth (inches) [1.0]	15-30% (<1.0")				
15. Expected annual production (total above-ground) [1.0]	Favorable: 1800, Normal: 1400 Unfavorable: 1000 lbs/acre/year at high RSI (HCPC)				
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species and forbs will increase with deterioration of plant community, while Cusick Bluegrass, Basin Wildrye, and Idaho Fescue decrease in the stand. Cheatgrass invades sites that have lost deep rooted perennial grass functional groups				
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually				



Site Name		ROCKY RIDGES 12-16 PZ				
Site Number		023XY408OR				
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent	
	Low	0.01	0.04	0.06	0.09	
	High	0.03	0.09	0.14	0.20	
Rangeland Health Indicator [wt]	Potential for this Site					
1. Number and extent of rills [1.0]	None to some on steeper slopes					
2. Presence of water flow patterns [1.0]	None to some on steeper slopes					
3. Number and height of erosional pedestals or terracettes [1.0]	None to few - pedestals					
4. Bare ground (rock, litter, lichen, moss, plant canopy are <i>not</i> bare ground) [1.0]	5-15%					
5. Number of gullies and erosion associated with gullies [1.0]	None					
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, moderate wind erosion hazard					
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement					
8. Soil surface resistance to erosion (average stability values) [1.0]	Moderately to significantly resistant to erosion: aggregate stability = 4-6					
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Shallow, well drained stony loams and clay loams with 15-35% rock fragments on the surface: moderate OM (1-3%)					
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Moderate to significant ground cover (55-80%) and gentle to steep slopes (3-65% - most < 15%) effectively limit rainfall impact and overland flow					
11. Presence and thickness of compaction layer [1.0]	None					
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Idaho fescue > curlleaf mountain mahogany > other grasses > other shrubs > forbs					
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected					
14. Average percent litter cover and depth (inches) [1.0]	10-20% (to 1.0")					
15. Expected annual production (total above-ground) [1.0]	Favorable: 800, Normal: 600, Unfavorable: 400 lbs/acre/year at high RSI (HCPC)					
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species and forbs will increase with deterioration of plant community, while Cusick Bluegrass and Basin Wildrye decrease in the stand.					
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually					



Site Name		GRAVELLY RIDGE 12-16 PZ				
Site Number		023XY410OR				
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent	
	Low	0.02	0.05	0.08	0.11	
	High	0.03	0.08	0.14	0.20	
Rangeland Health Indicator [wt]	Potential for this Site					
1. Number and extent of rills [1.0]	None, Moderate sheet & rill erosion hazard					
2. Presence of water flow patterns [1.0]	None					
3. Number and height of erosional pedestals or terracettes [1.0]	None to some pedestals					
4. Bare ground (rock, litter, lichen, moss, plant canopy are <i>not</i> bare ground) [1.0]	10-30%					
5. Number of gullies and erosion associated with gullies [1.0]	None					
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, Moderate wind erosion hazard					
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement					
8. Soil surface resistance to erosion (average stability values) [1.0]	Moderately resistant to erosion: aggregate stability = 3-5					
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Medium textured deep well drained soils with 50-80% rock fragments throughout profile: Moderate OM (2-4%)					
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Moderate ground cover (40-50%) and gentle to moderate slopes (5-30%) moderately limit rainfall impact and overland flow					
11. Presence and thickness of compaction layer [1.0]	None					
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Idaho Fescue > Low Sagebrush > Bluebunch Wheatgrass > forbs > other grasses > other shrubs					
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected					
14. Average percent litter cover and depth (inches) [1.0]	5-15% (<0.5")					
15. Expected annual production (total above-ground) [1.0]	Favorable: 800, Normal: 600, Unfavorable: 400 lbs/acre/year at high RSI (HCPC)					
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species, Sandberg Bluegrass, Squirreltail, and forbs will increase with deterioration of plant community, while Idaho Fescue and Bluebunch Wheatgrass decrease in the stand.					
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually					



Site Name <b>GRAVELLY RIDGE 16+ PZ</b>					
Site Number <b>023XY412OR</b>					
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent
	Low	0.02	0.07	0.11	0.16
	High	0.04	0.11	0.18	0.25
Rangeland Health Indicator [wt]	Potential for this Site				
1. Number and extent of rills [1.0]	None to some, Moderate sheet & rill erosion hazard				
2. Presence of water flow patterns [1.0]	None to some				
3. Number and height of erosional pedestals or terracettes [1.0]	None to some pedestals on shallow rooted grasses				
4. Bare ground (rock, litter, lichen, moss, plant canopy are <i>not</i> bare ground) [1.0]	5-15%				
5. Number of gullies and erosion associated with gullies [1.0]	None				
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, Moderate wind erosion hazard				
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement				
8. Soil surface resistance to erosion (average stability values) [1.0]	Moderately resistant to erosion: aggregate stability = 3-5				
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Medium Textured (silt loams & gravelly loams) well drained soils that are shallow to deep to bedrock: Low OM (1-2%)				
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Moderate ground cover (50-60%) and gentle to moderate slopes (3-30%) moderately limit rainfall impact and overland flow				
11. Presence and thickness of compaction layer [1.0]	None				
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Rough Fescue > Idaho Fescue > Low Sagebrush > Sandberg Bluegrass > forbs > other grasses > other shrubs				
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected				
14. Average percent litter cover and depth (inches) [1.0]	10-20% (<0.5")				
15. Expected annual production (total above-ground) [1.0]	Favorable: 1000, Normal: 800, Unfavorable: 600 lbs/acre/year at high RSI (HCPC)				
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species, Sandberg Bluegrass, Squirreltail, and forbs will increase with deterioration of plant community, while Rough and Idaho Fescues decrease in the stand.				
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually				



Site Name		SEMI-WET MEADOW				
Site Number		023XY414OR				
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent	
	Low	0.07	0.20	0.33	0.46	
	High	0.10	0.30	0.51	0.71	
Rangeland Health Indicator [wt]	Potential for this Site					
1. Number and extent of rills [1.0]	None					
2. Presence of water flow patterns [1.0]	None					
3. Number and height of erosional pedestals or terracettes [1.0]	None					
4. Bare ground (rock, litter, lichen, moss, plant canopy are <i>not</i> bare ground) [1.0]	0-5%					
5. Number of gullies and erosion associated with gullies [1.0]	None					
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, Slight to moderate wind erosion hazard					
7. Amount of litter movement (size and distance of travel) [1.0]	Fine - limited movement					
8. Soil surface resistance to erosion (average stability values) [1.0]	Moderately resistant to erosion: aggregate stability = 2-4					
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Moderately deep to deep medium textured (silt loams & loams) soils over coarse textured materials: Moderate to high OM (3-6%)					
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Significant ground cover (85-90%) and gentle slopes (0-2%) effectively limit rainfall impact and overland flow					
11. Presence and thickness of compaction layer [1.0]	None					
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Slender Wheatgrass = Leiberg Bluegrass > other grasses > forbs					
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected					
14. Average percent litter cover and depth (inches) [1.0]	15-35% (0.5-1.5")					
15. Expected annual production (total above-ground) [1.0]	Favorable: 2200, Normal: 2000, Unfavorable: 1500 lbs/acre/year at high RSI (HCPC)					
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Sedges, mat muhly, and yarrow will increase with deterioration of plant community. Dock, thistle, and undesirable plants will invade sites that have lost deep rooted native perennial grass functional groups.					
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually					



Site Name <b>WET MEADOW</b>					
Site Number <b>023XY416OR</b>					
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent
	Low	0.06	0.18	0.29	0.41
	High	0.10	0.31	0.51	0.71
Rangeland Health Indicator [wt]	Potential for this Site				
1. Number and extent of rills [1.0]	None, moderate sheet & rill erosion hazard				
2. Presence of water flow patterns [1.0]	Frequent flooding with seasonal high water table				
3. Number and height of erosional pedestals or terracettes [1.0]	None				
4. Bare ground (rock, litter, lichen, moss, plant canopy are <i>not</i> bare ground) [1.0]	0-5%				
5. Number of gullies and erosion associated with gullies [1.0]	Very poor resistance to erosion when cover is lacking. Subject to incision and downcutting				
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, Slight wind erosion hazard				
7. Amount of litter movement (size and distance of travel) [1.0]	Fine to moderately coarse - limited movement				
8. Soil surface resistance to erosion (average stability values) [1.0]	Moderately resistant to erosion with adequate cover: aggregate stability = 3-5				
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Deep somewhat poorly to poorly drained silt loams and silty clay loam soils with water table at 40 inches: Moderate to high OM (3-6%)				
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Significant ground cover (70-90%) and gentle slopes (0-5%) effectively limit rainfall impact and overland flow				
11. Presence and thickness of compaction layer [1.0]	None				
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Tufted Hairgrass > Nebraska Sedge > Rush = Northern Mannagrass = Reedgrass = sedges > other grasses > forbs				
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected				
14. Average percent litter cover and depth (inches) [1.0]	15-35% (0.5-1.5")				
15. Expected annual production (total above-ground) [1.0]	Favorable: 2500, Normal: 2000, Unfavorable: 1000 lbs/acre/year at high RSI (HCPC)				
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial forb and brush species will increase with deterioration of plant community. Kentucky bluegrass and meadow foxtail invade sites that have lost deep rooted perennial grass functional groups				
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually				

<b>Site Name</b>	<b>ASPEN 16-35 PZ</b>							
<b>Site Number</b>	<b>023XY418OR</b>							
<b>Plant Association</b>	<b>CAREX-ACHNA/POTR-SYAL</b>							
<b>Normal Lbs./Ac.</b>	<b>1500</b>							
<b>Range of composition and weight of species in HCPC with normal production:</b>					<b>% Comp. by Wt.</b>		<b>Lbs./Acre</b>	
<b>Common Name</b>	<b>Scientific Name</b>	<b>Symbol</b>	<b>Group</b>	<b>Low</b>	<b>High</b>	<b>Low</b>	<b>High</b>	
<b>Grasses &amp; Grass-like Plants</b>					<b>38%</b>	<b>42%</b>	<b>375</b>	<b>825</b>
sedge	Carex	CAREX	1	10	20	150	300	
needlegrass	Achnatherum	ACHNA	1	5	10	75	150	
western needlegrass	Achnatherum occidentale	ACOC3	2	2	5	30	75	
Letterman's needlegrass	Achnatherum lettermanii	ACLE9	2	2	5	30	75	
oniongrass (gen.)	Melica	MELIC	2	2	5	30	75	
mountain brome	Bromus marginatus	BRMA4	2	2	5	30	75	
Other Perennial Grasses	N/A	PPGG	5	2	5	30	75	
Sandberg bluegrass	Poa secunda	POSE				0	0	
bottlebrush squirreltail	Elymus elymoides	ELEL5				0	0	
Idaho fescue	Festuca idahoensis	FEID				0	0	
fineleaf sheep fescue	Festuca filiformis	FEFI				0	0	
						0	0	
<b>Forbs</b>					<b>3%</b>	<b>8%</b>	<b>30</b>	<b>150</b>
Other Perennial Forbs	N/A	PPFF	9	2	10	30	150	
lomatium (gen.)	Lomatium	LOMAT				0	0	
common yarrow	Achillea millefolium	ACMI2				0	0	
groundsel	Senecio	SENEC				0	0	
fleabane	Erigeron	ERIGE2				0	0	
phlox	Phlox	PHLOX				0	0	
pussytoes	Antennaria	ANTEN				0	0	
Indian paintbrush	Castilleja	CASTI2				0	0	
agoseris	Agoseris	AGOSE				0	0	
pussytoes	Antennaria	ANTEN				0	0	
cinquefoil	Potentilla	POTEN				0	0	
sneezeweed	Helenium	HELEN				0	0	
meadow-rue	Thalictrum	THALI2				0	0	
stickseed (Lappu.)	Lappula	LAPPU				0	0	
sandwort (Arena.)	Arenaria	ARENA				0	0	
						0	0	
						0	0	
						0	0	
						0	0	
						0	0	
						0	0	
<b>Shrubs</b>					<b>14%</b>	<b>19%</b>	<b>135</b>	<b>375</b>
mountain snowberry	Symphoricarpos oreophilus	SYOR2	13	5	15	75	225	
mountain big sagebrush	Artemisia tridentata ssp. vaseyana	ARTRV	12	2	5	30	75	
Other Shrubs	N/A	SSSS	15	2	5	30	75	
chokecherry	Prunus virginiana	PRVI				0	0	
ceanothus	Ceanothus	CEANO				0	0	
rabbitbrush	Chrysothamnus	CHRYSS9				0	0	
						0	0	
						0	0	
						0	0	
						0	0	
						0	0	
<b>Trees</b>					<b>45%</b>	<b>31%</b>	<b>450</b>	<b>600</b>
quaking aspen	Populus tremuloides	POTR5	18	30	40	450	600	
						0	0	
						0	0	
<b>Totals</b>					<b>100%</b>	<b>100%</b>	<b>990</b>	<b>1950</b>

Site Name ASPEN 16-35 PZ					
Site Number 023XY418OR					
Initial Stocking Rates by General Seral Condition (AUMs/Acre/Year with normal production) Use with caution - only when field determination is not practical or possible	Class	Poor	Fair	Good	Excellent
	Low	0.04	0.12	0.20	0.27
	High	0.08	0.23	0.39	0.54
Rangeland Health Indicator [wt]	Potential for this Site				
1. Number and extent of rills [1.0]	None, Moderate sheet & rill erosion hazard				
2. Presence of water flow patterns [1.0]	None to some				
3. Number and height of erosional pedestals or terracettes [1.0]	None				
4. Bare ground (rock, litter, lichen, moss, plant canopy are <i>not</i> bare ground) [1.0]	2-12%				
5. Number of gullies and erosion associated with gullies [1.0]	None				
6. Extent of wind scoured, blowouts and/or depositional areas [1.0]	None, Slight wind erosion hazard				
7. Amount of litter movement (size and distance of travel) [1.0]	Fine to moderately coarse - limited movement				
8. Soil surface resistance to erosion (average stability values) [1.0]	Moderately resistant to erosion: aggregate stability = 3-5				
9. Soil surface structure and Soil Organic Matter (SOM) content [1.0]	Very deep well drained gravelly loams: Moderate OM (3-5%)				
10. Effect of plant community composition and spatial distribution on infiltration & runoff [1.0]	Significant ground cover (70-100%) and gentle to moderate slopes (2-35%) effectively limit rainfall impact and overland flow				
11. Presence and thickness of compaction layer [1.0]	None				
12. Functional / structural groups (listed in order of descending dominance) [1.0]	Quaking Aspen > Sedges > Mountain Snowberry > Needlegrass > other grasses > other shrubs = forbs				
13. Amount of plant mortality and decadence [1.0]	Normal decadence and mortality expected				
14. Average percent litter cover and depth (inches) [1.0]	20-40% (0.5-1.5")				
15. Expected annual production (total above-ground) [1.0]	Favorable: 2000, Normal: 1500, Unfavorable: 1000 lbs/acre/year at high RSI (HCPC)				
16. Potential invasive (including noxious) species (native and non-native) [1.0]	Perennial brush species will increase with deterioration of plant community, while herbaceous species decrease. This decline is most commonly seen in a total lack of aspen recruitment, resulting in an even-aged stand of aspen.				
17. Perennial plant reproductive capability [1.0]	All species should be capable of reproducing annually				