



Current Season of Growth: late **Today's Weather:** sunny, warm

Form Used: 2k6 Rancher 17-20" 8/06 Field Form

1. Pasture Notes

Pasture Size: 12 acres

Grazable Acres: 12 acres

Management:

Pasture is split into 3 paddocks for grazing ~11-12 acres each. Whole pasture grazed 5/27-6/12. Pasture site grazed 6/2-6/7 - 18.2 AD/A -76 hooves.

Unique Conditions:

Carbon plot taken 8/16/2010, 44 foot hoop at center, by Peter Donovan, lab results averaged 2.48% C in 0-10cm, 1.91% C in 10-30 cm.

General Notes:

2010- establishment year - South Aspect.

2. Weather History

	Temperature	Precipitation
Previous Fall	Average	Average
Winter	Above	Below
Spring	Below	Above
Summer	Below	Above
Fall		

Nearest Rain Gauge: La Grande

Total Precipitation: 15.71 inches
(from Oct 01, 2009 to Jul 31, 2010)

Depth to Soil Moisture: 22 inches

3. Grazing Records

Rest Period

Before 1st Graze: 40

Site Grazed? Yes

Graze Uniformity: Even

Estimated Utilization: 40%

Rest/Opportunity:	All Season
Intensity:	10% - 40%
Season:	P3 Green/Heads
Precipitation:	Above Average
Grazing Index Score	+3
(-5 = worst, +5 = best)	

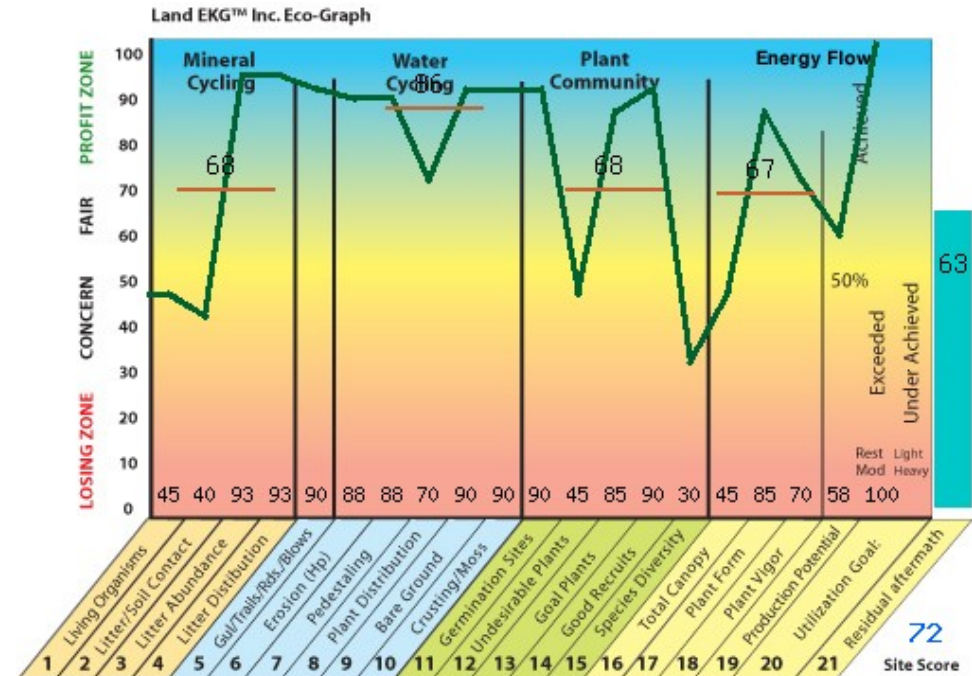
Grazing Dates:

Animal Type	# Animals	Start Date	End Date	Animal Days per Acre
Yearlings	10	2010-06-02	2010-06-07	5.05
2 Year Old	3	2010-06-02	2010-06-07	1.52
Horses	6	2010-06-02	2010-06-07	3.03

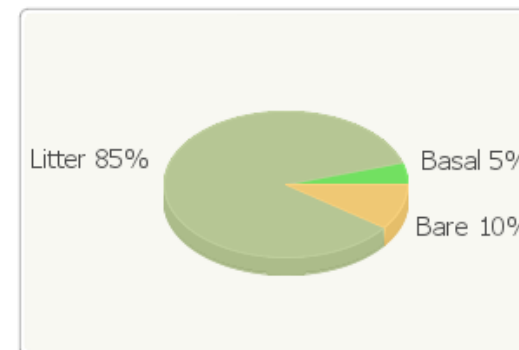
Total Days Grazed: 6 days

Highest Stock Density: 0.84 animals/acre

4. Land Eco-Graph:



5. Surface Cover

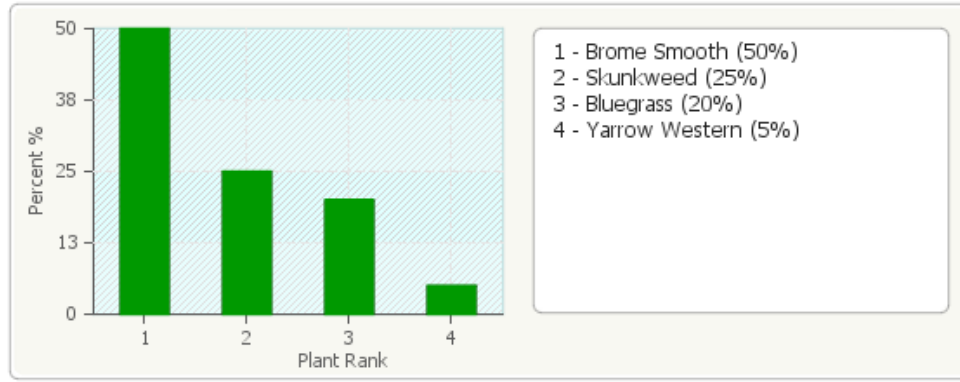


Leaf Height and Canopy:

Avg Leaf Height:	9 inches
Max Leaf Height:	14.5 inches
% Live Canopy:	90%



6. Plant Species Composition (Average from Hoops):
(also known as 4-3-2-1)



7. Plant Inventory (# = 18): (Goal Plant, Undesirable Plant, Absent But Possible Plant)

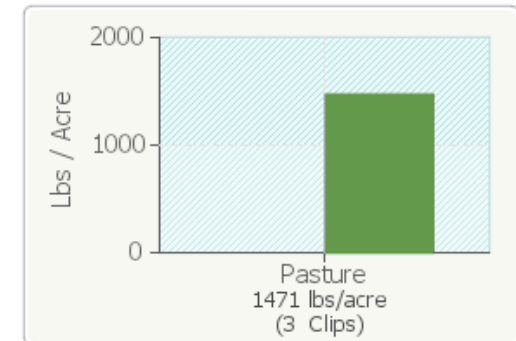
- | | | |
|------------------------|---------------------|----------------|
| Grasses: | Forbs: | Shrubs: |
| Bluegrass | Alfalfa | |
| Brome Smooth | Aster | |
| Bunchgrass | Beggar's Lice | |
| Foxtail Meadow | Cinquefoil | |
| Hairgrass Annual | Epilobium | |
| Orchardgrass | Groundsel Groundsel | |
| Timothy Timothy | Salsify | |
| | Skunkweed | |
| | Vetch 1 | |
| | Vetch 2 | |
| | Yarrow Western | |
| | Trees: | |

8. Living Organisms (# = 13):

(Abundant Organism*)

Age	Organism Name	Sign
Old	Cow	Manure
Recent	Small Mammal	Burrow(s)
Fresh	Butterfly	Sighting
Fresh	Cricket	Sighting
Fresh	Mayfly	Sighting
Fresh	Damselfly	Sighting
Old	Cow	Track(s)
Old	Horse	Manure
Fresh	Moth	Sighting
Fresh	Grasshopper	Sighting
Fresh	Fly	Sighting
Fresh	Lacewing	Sighting
Fresh	Wasp	Sighting

9. Forage Production:



Production Notes



Indicator Notes:

Mineral Cycle: Living Organism score was low (was this due to data collection?). Litter abundance and distribution was optimal, but litter/soil contact was less than 50%.

Water Cycle: Erosion, soil crusting, pedestaling, and bare soil were all minimal. Plant distribution/density was more uniform - mostly even, but thin.

Plant Community: The undesirable plant sulphur cinquefoil was in the hoop. All goal plants were in the stock zone, but Smooth Brome dominates site. Good germination sites are present if seedlings can compete with the brome. Species diversity was very low (only 4-5 species in each hoop).

Energy Flow: Canopy cover was low at 30-40% (more diversity will help this). Some phase 3 plants were seen, but not multiple years, which is good. Production could be higher at this site. Utilization goal of moderate use was achieved.

Site Recommendations:

This site may have broken through a threshold to a lower plant community state. It is in 'recovering' mode presently. Many years of continuous grazing during crucial growing season periods have minimized plant vigor of even smooth brome (basically a bomb proof plant) and production of other desirables being replaced with relatively poor or undesirable plants (Sulphur C, stink weed, dandelion, & other small annual forbs/ grasses).

2010 grazing was brief and categorized as light use (< 40%). Above average rainfall helped Grazing index score also.

SITE PHOTOS



Longline

(2010-08-16)



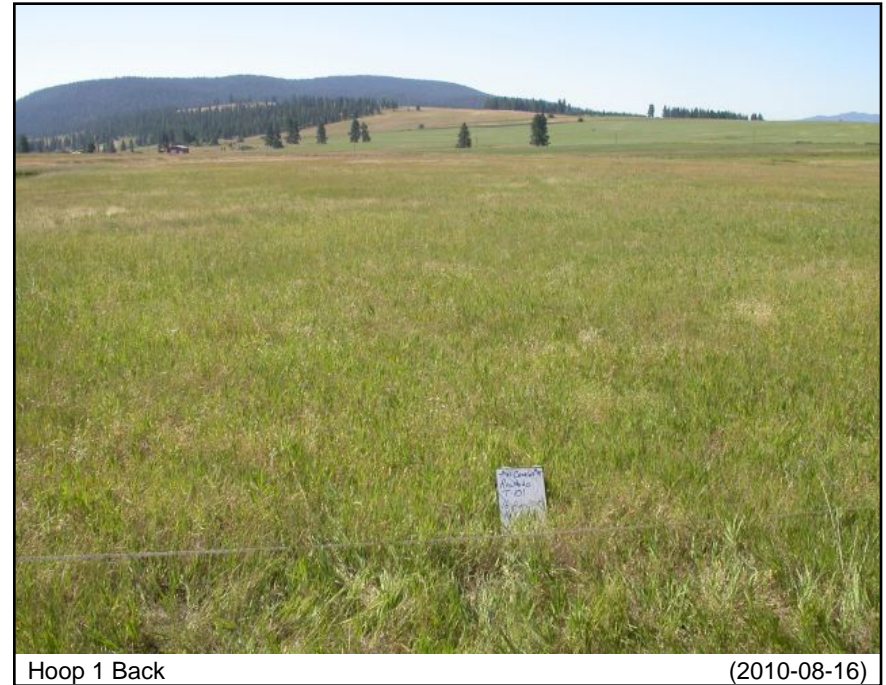
Shortline

(2010-08-16)



Hoop 1

(2010-08-16)



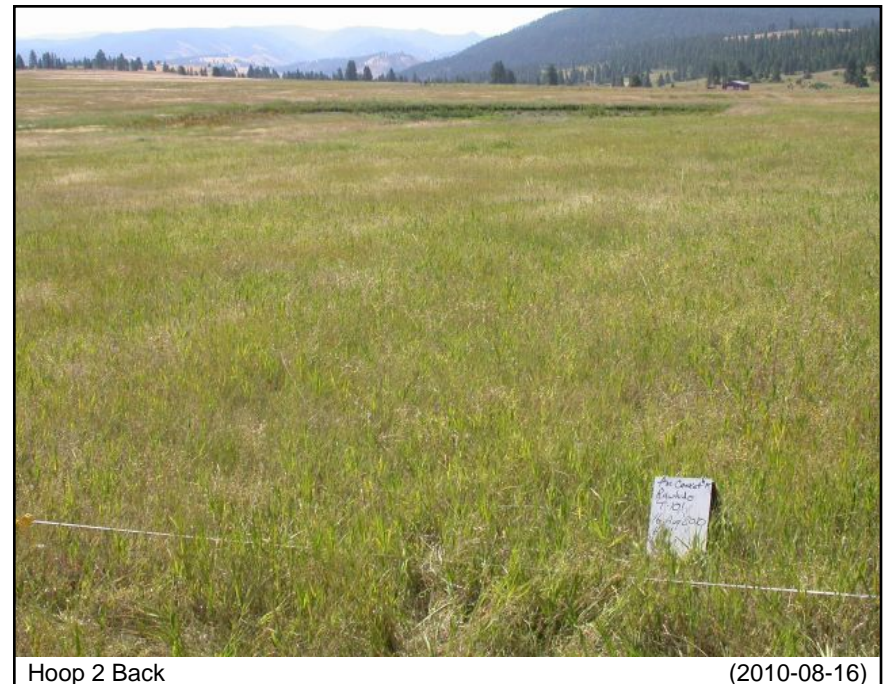
Hoop 1 Back

(2010-08-16)



Hoop 2

(2010-08-16)



Hoop 2 Back

(2010-08-16)