

June 13, 1966

SPRING CREEK ALLOTMENT

Rest Rotation Summary

The Spring Creek Allotment comprises of a 7,836 acre tract within the Cascade Planning Unit of the Boise District. The Allotment includes all of the Federal Range within the fenced area adjacent to Spring Creek. It lies generally in the area between the mouth of Swamp Creek and the North Crane School house and runs east to the Boise National Forest.

The Topography is rolling to mountainous. The Allotment is subdivided into four pastures of approximately 1650 to 2200 acres. The second pasture is higher and rougher than the remaining three and plant development is two weeks to a month later.

Two permissess will be involved in the rotation plan. Both have dry land pastures amounting to 2500 acres which may be used before and after the regular season. Eventually these pastures may be worked into the Rotation plan. At such time a five pasture system could be implemented which would provide opportunity to allow additional rest for establishment of vigor and viable seed if the present D treatment is not adequate.

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Definition of Treatments

- A. Graze for Maximum Livestock Use. 4/15 to 9/30
- B. Allow seedlings of key forage species to develop secondary roots then graze for maximum livestock use. 6/15 to 9/30
- C. Rest allow key species to regain vigor, and establish seedlings.
- D. Allow key species to produce mature viable seed, then graze for maximum livestock use and covering of seed. 8/15 to 9/30

Sequence of Treatments

Year	PASTURE NUMBER			
	#1	#2	#3	#4
1st	A	B	C	D
2nd	D	A	B	C
3rd	C	D	A	B
4th	B	C	D	A
5th				

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1 4 3 2

1st A D C B  
 2nd D C B A  
 3rd C B A D  
 4th B A D C

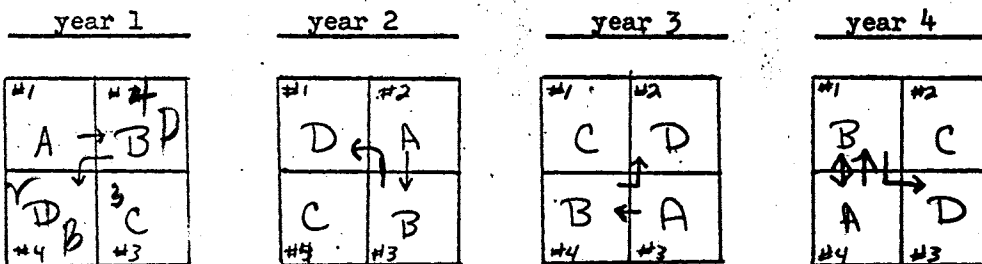
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Sequence of Grazing Rotation

Showing order of Movement

Pasture Diagram

ABD



Sequence of Grazing Rotation Showing Season of Use

		Season of Use				
year	Pasture	4/15 - 5/1	5/1 - 6/15	6/15 - 8/15	8/15 - 9/1	9/1 - 10/15
1st	1	///	///	///	///	///
1st	2			///	///	///
1st	3					
1st	4				///	///
2nd	1				///	///
2nd	*2		///	///	///	///
2nd	3			///	///	///
2nd	4					
3rd	1					
3rd	2				///	///
3rd	3	///	///	///	///	///
3rd	4			///	///	///
4th	1			///	///	///
4th	2					
4th	3				///	///
4th	4	///	///	///	///	///



Enclosure 2

DESCRIPTION, INVENTORY AND ANALYSIS OF ALLOTMENT

Class of stock Cattle Stocking (AUs) 213 (AUMs) 1116

Season of grazing (Dates) April 1 to September 30

Character of topography Rolling to mountainous

Table 1. Area of natural vegetation types and culturally treated areas grazed by livestock and by game

Vegetation types and culturally treated areas 1/	Total area of type		Area grazed by livestock		Area grazed by game	
			At present	30 years from now 2/	At present	30 years from now 2/
(name)	(acres)	(per-cent)	(acres)	(acres)	(acres)	(acres)
1. Artr, Brte, Brja, Teas	595	7.6	595	595		
2. Brte, Brja, Pose, Sihy	3100	39.5	1800	2400		
2a. Brte, Teas, ANNU, Sihy	300	3.8	300	300		
3. Teas, Brte, Sihy, <sup>LOMA</sup> Pose	959	12.2	959	959		
4. Artr, Brte, Teas, SALIX	185	2.4	185	185		
5. Agsp, Sihy, Feid Poa	757	9.7	227	450		
6. Brte, Sihy, Poa Artr	815	10.4	400	600		
7. Artr, Agsp, Feid, Putr	145	1.8	70	100		
8. Artr, Brte, Putr, Agsp	695	8.9	210	350		
9. Artr, LOMA, Pose	215	2.7	100	150		
10. Psta, Pipo, Ceve, Prem	70	1.0	50	50		
Other						
<b>Allotment Total</b>	<b>7836</b>	<b>100</b>	<b>4896</b>	<b>6139</b>	<b>7836</b>	<b>7836</b>

1/ List culturally treated areas under appropriate vegetation types.  
2/ Under improved management.

Table 2. Composition, value, use and development of plant species in natural vegetation type or culturally treated area

Type or treated area (name) Spring Creek Allotment

Species	Amount in cover	Forage value				Utili- zation ave.	Start growth (date)	Flow- ering (date)	Development Seed ripe (date)	Regrowth Leaves -twigs (date)	3/ Flower stalks (date)
		Ex	Gd	Fr	Pr						
Grasses & Grass-like	2/ (percent)	(check one)				(Per cent)					
Poa	7		x			4/10	5/15	6/15			
Brte	18			x		4/10	5/15	6/15			
Brja	4			x		4/10	5/15	6/15			
Teas	13				x	4/15	6/10	7/10			
Sihy	12		x			4/15	6/15	7/15		5/20	
Agsp	10	x				4/15	6/15	7/15		5/20	
Feid	3	x				4/15	6/15	7/15		5/20	
	<b>Total</b>										
Forbs											
Annual Forbs	12			x							
Perennial Forbs	10		x			4/10	5/15			5/20	
	<b>Total</b>										
Shrubs and trees <u>1/</u>											
Artr	9				x						
Putr	2		x			4/15	5/1	6/1			
Ceve	T		x								
Prunus	T		x								
SALUX	T				x						
Conifers	T				x						
	<b>Total</b>										
	<b>Grand Total</b>										

1/ Including conifers

2/ For trees and shrubs include estimates only for species that can be changed or removed in a range improvement program.

3/ How late in spring can the species be grazed and still produce grazable leaves or twigs or seed-producing flower stalks?

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Enclosure 4

Table 4. Estimated utilization of available forage in natural vegetation types and culturally treated areas and condition of range

Vegetation type or treated area <sup>1/</sup>	Use of total tonnage of forage in type	Range condition				
		Vigor of forage species	Ratio of good to poor forage species	Density of forage	Sheet Erosion	
					Depth (Inches)	Extent (Percent of ground area)
Over-all	(percent)	(L,M,H) <sup>2/</sup>	(percent) <sup>3/</sup>	(percent of potential)		
Artr - grass	50	M	42	60	None occurring	
Allotment average	✓					

1/ List treated areas (reseeded, sprayed, etc.) under appropriate vegetation types.  
 2/ L = low, M = moderate, H = high.  
 3/ From Table 2 Excellent and good species = good; fair and poor species = poor.

What percent of the livestock forage on the range is used by game? 5

What are the principal foraging game animals? Deer