

## Briggs Allotment

### Description of the area:

The Briggs allotment is located within the Berger Resource Conservation Area, which is located in Southwest Twin Falls County, Near Twin Falls, Idaho.

Elevation ranges from 4100 to 4600 feet, precipitation varies from 8 to 12 inches per year.

The allotment was plowed and seeded to crested wheatgrass in 1958 - 1960; rockier sites, (2) on map, were sprayed and seeded in 1960 - 1962. Only isolated brush patches remain.

Use has varied on the allotment from spring sheep use to winter cattle use. The seeding is in good to excellent condition, although wolf-plants are on the increase.

This allotment is used on a ten to twelve month basis, depending on economics and weather conditions. Plans are under way to operate on a year-round basis.

The proposed rotation is designed to correspond to those requirements on pages 32 - 33 of your October 1961 publication, but has been expanded to fit into a six - pasture rotation.

I feel that treatment A, B, C, D are essential, however treatment E, F, may be altered to fit into the operation and take up the gap in dry years as well as other emergencies.

Because this is a seeded area, treatments will depend on the degree of use rather than explicit dates of use. Only the rotation pattern and rest periods will be rigid. Once grazing begins within a treatment, the operator may move as the conditioning of his cattle prescribes.

PROCEDURE:

1. Proposed grazing treatment for Briggs allotment:

2.. Proposed treatment

a. Year	Treatment	Symbol
1st	Graze in <u>Spring</u> for maximum livestock production (Spring = Start in March, April, and/or May or until desired utilization is reached)	A
2nd	Rest until vigor restored, Graze in <u>Early Fall</u> (Early Fall = August 15, September and maybe October, depending on utilization and season)	B
3rd	Rest for Seed Ripe - Graze <u>Fall-Winter</u> (Fall-Winter = October to December or to desired degree of utilization)	C
4th	Rest for reproduction - Graze <u>Summer</u> (Summer = July - September or Light use to desired utilization)	D
5th	<u>Winter use</u> - Graze for maximum livestock production	E
6th	Graze <u>Early Summer</u> , provide regrowth for treatment A F in 7th year. (Early Summer = June 15 to August depending on season)	F

3. Rotation

Year	Pasture					
	SE	S	SW	NW	N	NE
1st	(A)	B	C	D	E	F
2nd	B	C	D	E	F	(A)
3rd	C	D	E	F	(A)	B
4th	D	E	F	(A)	B	C
5th	E	F	(A)	B	C	D
6th	F	(A)	B	C	D	E

RANGE INVENTORY, ANALYSIS, AND MANAGEMENT PLAN

Project Number 1 Compiler McIlvain - Sweep Date 3/4/65

Allotment Briggs Unit Salmon Tract

District Burley State Idaho

Name of Permittee Glen Briggs & Kenneth Briggs

Field Examination (Date) July 1964

Personnel: Name Position

Bill McIlvain Range Manager

Don Sweep Range Conservationist

DESCRIPTION, INVENTORY AND ANALYSIS OF ALLOTMENT

Class of stock Cattle Stocking (AUs) 450 - 500 (AUMs) 4950

Season of grazing (Dates) 3/1 *Mar.* to Jan *1/30* -10 months

Character of topography \_\_\_\_\_

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

Vegetation types and culturally treated areas <u>1/</u>	Total area of type		Area grazed by livestock		Area grazed by game	
			At present	30 years from now <u>2/</u>	At present	30 years from now <u>2/</u>
(name)	(acres)	(per-cent)	(acres)	(acres)	(acres)	(acres)
<u>Crested Wheatgrass/Big</u>						
Sagebrush	3840	100	3840	3840	0%	10%
<u>Other</u>						
<u>Allotment Total</u>	3840	100	3840	3840	0	10

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) \_\_\_\_\_

Species	Amount in cover <u>2/</u> (percent)	Forage value				Utili- zation ave. (Perc 't)	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	95	X				80-90%	3/1	6/5	7/20	6/15	5/15
Forbs	Total	95									
Shrubs and trees <u>1/</u>	Total	5	X			5%	4/30	6/1	7/30	6/30	6/1
	Total										
	Grand Total	100	X			80-90					

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?

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	Extent
Reseeded	(percent)	(L,M,H) <sup>2/</sup>	(percent) <sup>3/</sup>	(percent of potential)	(Inches)	(Percent of ground area)
Arcr	70	M	9:1	100%	T	T
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? Less than 1%

What are the principal foraging game animals? Occasional deer, some small animals.

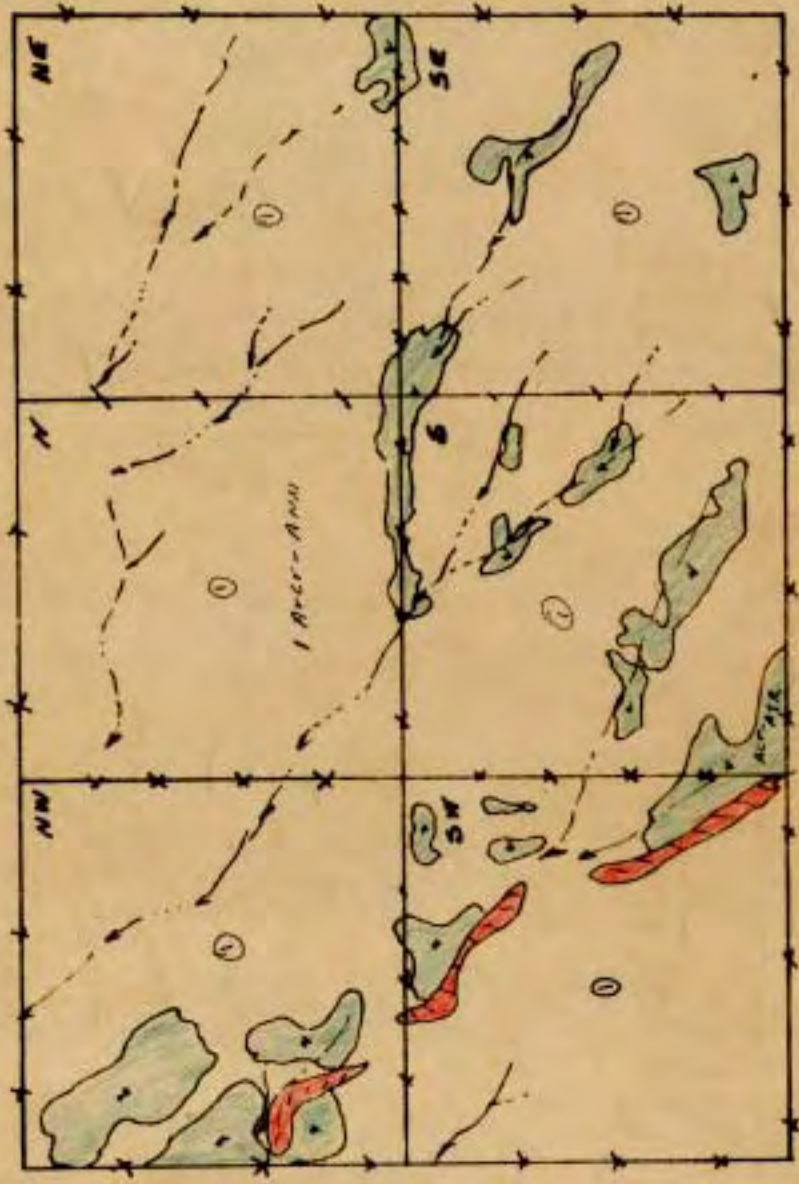
Table 6. Effect of planned cultural treatments on grazing capacity

Vegetation type to be treated  (name)	Area  Acres	Artificial reseeding Capacity 30 yrs. hence due to:						Effect of cultural treatment (6) minus (4)  AUMs (7)
		Capacity at present		Grazing management		Cultural treatment		
		Ac/AUM (1)	AUMs (2)	Ac/AUM (3)	AUMs (4)	Ac/AUM (5)	AUMs (6)	
<b>Total</b>								

Spraying or other treatment

Seeded Arcr								
Pastures								
SE	640	1a	640	1a	640	.7	850	210
NE	640	1a	640	1a	640	.7	850	210
S	640	.8	750	.8	750	.7	850	100
N	640	1a	640	1a	640	.7	850	210
NW	640	.7	850	.7	850	.7	850	---
SW	640	.5	1200	.5	1200	.7	850	- 350
<b>Total</b>	<b>3840</b>		<b>4720</b>		<b>4720</b>		<b>5100</b>	

# BRIGGS' Allotment



① All Seeded in Area

--- Drainage Ways

Seeded / Brush

UNTREATED

EXISTING

Proposed





ALLOTMENTS WITH ACCEPTABLE  
ALLOTMENT MANAGEMENT PLANS

State Idaho District Burley Section 3 or 15 land (circle)

Allotment name Briggs Location (nearest town) Hallister

Period in operation 2 years. Date started January 1966.

Number of grazing treatments (pastures) 6. Grazing System <sup>1/</sup> Deferred Rest Rotation

Kind of livestock: cattle, horses, sheep, goats Cattle (circle)

Season: Dates 5/1 to 10/15; Months (No.) 5.5.

AUs 334 AUMs 1720 Total area (allot.) 3840 acres.

Use of available forage on allotment in average year 75 %.

Principal veg. types Agcr ~~Artr~~

The six most important plant species Agcr Artr

Seed-ripe date of key species in lowest elevational zone 7/16.

Key species name Agcr

Annual precip. 10 inches. Topography: steep, rough, gentle, ~~rolling~~  
sloping, flat (circle)

Elevation: Low point 4600 ft. High point 4200 ft.

RESULTS

Basis

Rating

Ex. Good Fair Poor Too early to judge  
(check appropriate)

Range (land) improvement  
Livestock production  
Other objections (list)

1. None
- 2.
- 3.
- 4.

Permittee cooperation Good

Encl. 1-1


<sup>1/</sup> Indicate whether rest-rotation, deferred rotation, etc.

P.D.





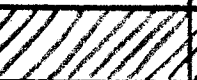
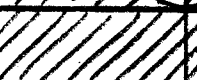












Is the allotment suitable as a demonstration area?  Yes  No (circle) To qualify as a demonstration area the land and livestock results and permittee cooperation should rate good or higher and the allotment should be reasonably accessible to visitors.

Grazing formula  
(Crested wheatgrass)

Briggs allotment  
BLM Burley, Idaho

Grazing = 

Treatments

A & A'		←	Rest	→		(A')	
B							
C							
D	←	Rest	→				
E	←		Rest				→
F	←		Rest				

Mar Apr May June July Aug Sept Oct Nov Dec Jan Feb.  
20  
(seed ripe)

Distribution of treatments in fields  
during first year.

NW		N		NE
	D		E	
				F
SW		S		SE
	C		B	
				A

↑  
Start with 500 head.

Cattle Mar 1 to Jan 31 495 head Jan  
10 mos = 4950 AUMs  
Total area 3840 acres; 6 sq. miles

BLM Briggs Allotment  
see District Plan  
attached.

Mar 1	May 15	June 5	July 20	Jan 31
Start		Flring	Seed	
growth			ripe	

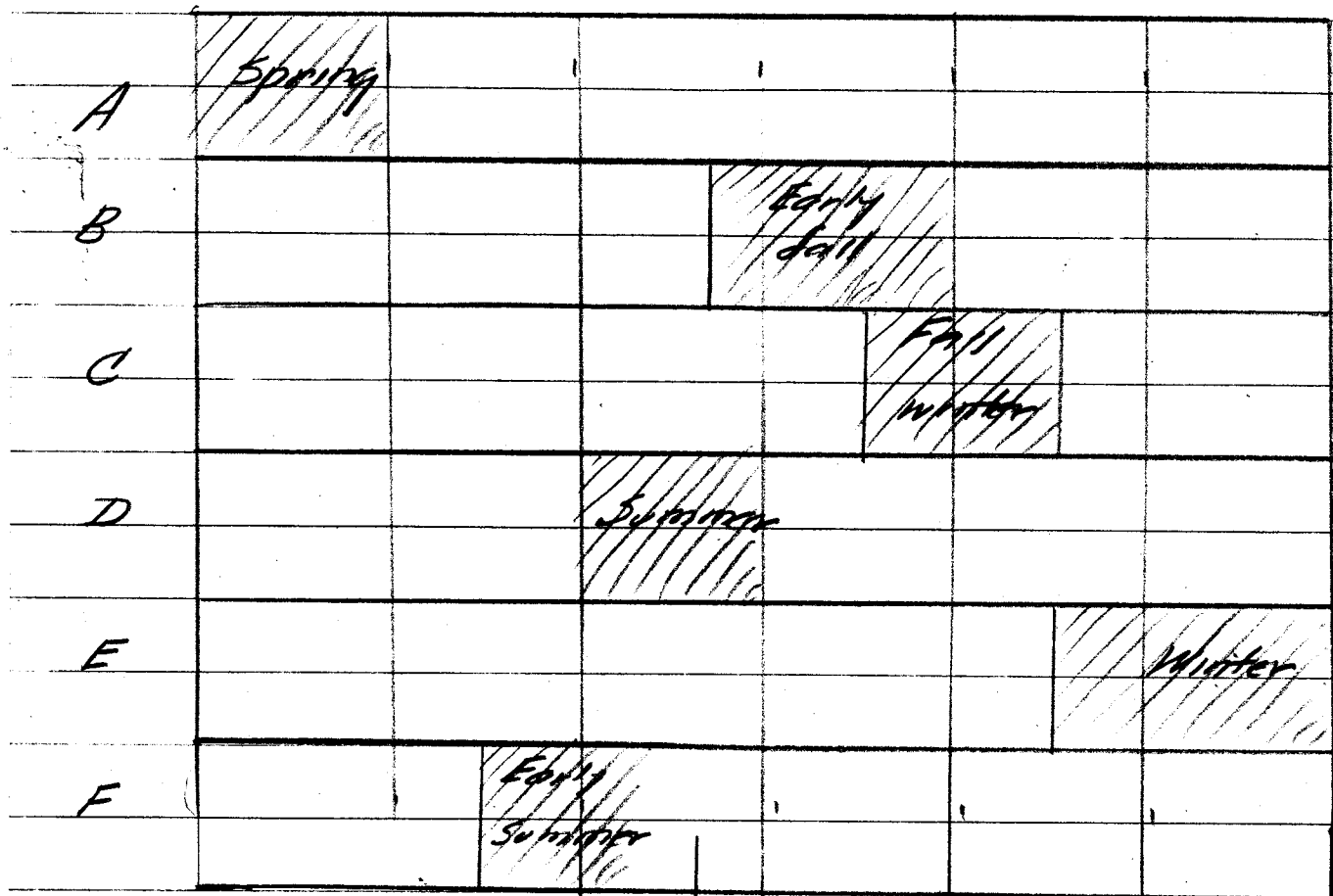
Regrrowth

Fr. str. Lvs

Circled wheatgrass

Utilization 76%

Capac. .77 acres/AUMo



Mar1      May1      July1      Sept1      Nov1      Jan1      Mar1

↑  
 Seed  
 rip  
 by 20

12 months

5000 AUMs

Capacity

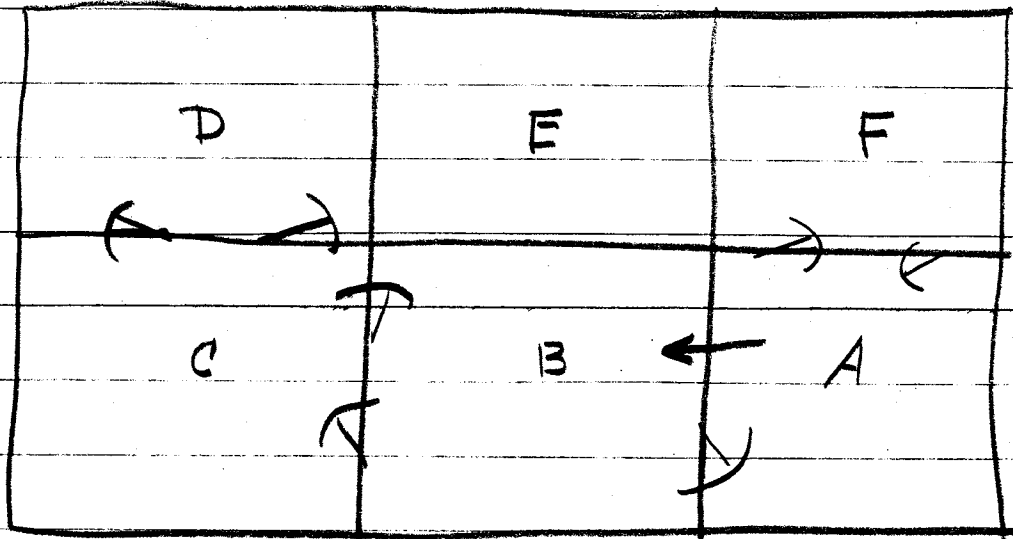
A	Spring	17th		1200
B		OG	seed ripe	1200
C		OG		1200
D		Rest		1200
E		Rest		1200
F				1200

Hormay notes BLM Biggs  
allotment plan  
Burley, Idaho.

$$\frac{70}{100} = \frac{5000}{x}$$
$$7 \overline{) 500} \begin{array}{r} 72 \\ \underline{49} \\ 10 \end{array}$$

## AUs MONTHS

	Treatment capacity			AUMs	Use
Mar-Apr 130	A	500 x 2	↑	1000 1000	80% 80%
May 1 - Oct 31	B-C	500 x 4		2000	80%
	D	500 x 2		1000	80%
Nov 1 - Dec 31	E	500 x 2		0	0
Jan 1 - Feb 29	F	500 x 2		1000	80%



I believe you can realize all these objectives by using the following grazing formula

