Allotment	Pine Creek	Pasture	Cove Creek				
Date	10/4/2010	Study	PC-CC-01			BRIN	
	Ungrazed	Grazed	% Use		Ungrazed	Grazed	% Use
1		3.5	64%	**31**	4.0		0%
2	22.0		0%	**32**	27.0		0%
3		6.0	41%	**33**		3.0	70%
4		4.0	59%	**34**		5.0	52%
5	30.0		0%	**35**		3.0	70%
6		2.0	80%	**36**		4.0	59%
7		4.0	59%	**37**		3.0	70%
8	19.0		0%	**38**		5.0	52%
9	20.0		0%	**39**		4.0	59%
10	9.0		0%	**40**		4.0	59%
11	17.0		0%	**41**		4.5	55%
12		4.0	59%	**42**		5.0	52%
13		3.5	64%	**43**		3.0	70%
14		3.5	64%	**44**		4.0	59%
15		3.5	64%	**45**		5.0	52%
16		6.0	41%	**46**	31.0		0%
17		3.0	70%	**47**	6.0		0%
18		2.0	80%	**48**		4.0	59%
19	4.0		0%	**49**	7.0		0%
20	6.0		0%	**50**		4.5	55%
21		4.0	59%	**51**		2.5	75%
22		5.0	52%	**52**		2.5	75%
23		7.0	35%	**53**	8.0		0%
24		2.5	75%	**54**		2.0	80%
25		4.0	59%	**55**		2.5	75%
26	18.0		0%	**56**		3.5	64%
27		5.0	52%	**57**		2.0	80%
28	25.0		0%	**58**		1.5	85%
29		2.5	75%	**59**		4.0	59%
30		2.5	75%	**60**		5.0	52%
SUM					253.0	164.0	2765%
Average					19.4	3.7	**46%**
Std Dev					9.558373	1.212601	0.29685

22	30	19	20	9	17	18	25	27
31	7	8						19.41667

Allotment	**Pine Creek**	Pasture	**Cove Creek**				
Date	10/4/2010	Study	**PC-CC-01**		AGIN		
	Ungrazed	Grazed	% Use		Ungrazed	Grazed	% Use
1	24.0		0%	**31**	20.0		0%
2		7.0	41%	**32**	19.0		0%
3		4.0	65%	**33**		8.5	34%
4		2.0	83%	**34**		2.5	78%
5		7.0	41%	**35**	14.0		0%
6		3.0	74%	**36**		12.0	20%
7		3.0	74%	**37**	29.5		0%
8		6.5	46%	**38**	23.5		0%
9		1.5	87%	**39**		9.0	31%
10		7.0	43%	**40**		3.5	70%
11		8.0	36%	**41**		9.0	31%
12	20.5		0%	**42**		10.0	28%
13	22.0		0%	**43**		4.0	65%
14		4.5	60%	**44**		5.0	55%
15		5.5	52%	**45**		4.0	65%
16		5.0	55%	**46**	12.0		0%
17		8.5	34%	**47**		3.5	70%
18		4.0	65%	**48**	28.0		0%
19	25.0		0%	**49**	24.0		0%
20		6.0	50%	**50**	25.5		0%
21	25.0		0%	**51**		8.0	36%
22		7.5	39%	**52**		3.5	70%
23	16.0		0%	**53**		14.0	15%
24	25.0		0%	**54**	30.0		0%
25	17.0		0%	**55**		4.0	65%
26	16.0		0%	**56**	26.5		0%
27	29.0		0%	**57**	33.5		0%
28	27.0		0%	**58**	32.0		0%
29		5.0	55%	**59**	26.0		0%
30		4.5	60%	**60**	28.0		0%
SUM					618.0	200.0	1793%
Average					23.8	5.9	**30%**
Std Dev					5.582528	2.873755	0.297732

N 364372
E. 4272598

PHOTO Time 12:50 P.m.

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Height-Weight

Study Number	Date	Examiner
P.C. CC. 01	10-4-2010	R. Swenson J. Pender

Allotment Name & Number	Pasture
Pine crk. cove creek	Cove Creek

Kind and/or Class of Animal	Period of Use
cow-calf	6-30 - 8-30

Key Species Brin — Culm X — Culmless

No	Height Ungra	Height Graze	% Utilization	No	Height Ungra	Height Graze	% Utilization	No	Height Ungra	Height Graze	% Utilization	No	Height Ungra	Height Graze	% Utilization
1		3.5	64	16		6.0	41	31	4.0	culmless	0	46	31.0		0
2	22.0		0	17		3.0	70	32	27.0		0	47	6.0	culmless	0
3		6.0	41	18		2.0	80	33		3.0	70	48		4.0	59
4		4.0	59	19	4.0	culmless	0	34		5.0	52	49	7.0		0
5	30.0		0	20	6.0	culmless	0	35		3.0	70	50		4.5	55
6		2.0	80	21		4.0	59	36		4.0	59	51		2.5	75
7		4.0	59	22		5.0	52	37		3.0	70	52		2.5	75
8	19.0		0	23		7.0	35	38		5.0	52	53	8.0		0
9	20.0		0	24		2.5	75	39		4.0	59	54		2.0	80
10	9.0		0	25		4.0	59	40		4.0	59	55		2.5	75
11	17.0		0	26	18.0		0	41		4.5	55	56		3.5	64
12		4.0	59	27		5.0	52	42		5.0	52	57		2.0	80
13		3.5	64	28	25.0		0	43		3.0	70	58		1.5	85
14		3.5	64	29		2.5	75	44		4.0	59	59		4.0	59
15		3.5	64	30		2.5	75	45		5.0	52	60		5.0	52

37 Number of Ungraz. Plants		41 Total Height of Ungraz. Plants		Number of Sampled Plants		Total % Util. for All Sampled Plants	

Total Height of Ungrazed Plants / Number of Ungrazed Plants = Average Ungrazed Plant Height: 233 / 12 = 19.4

Total Percent Utilization / Number of Sampled Plants = Average Utilization: 2765 / 60 = 46%

Notes (use other side or another page, if necessary)

ungrazed 21.5 23.0 22.0 19.0 23.0 27.0 18.0 35.0 28.0 26.0 21.0 24.0

weighted 15g 15g 4g 15g 8g 7g 15g

Illustration 12

N 364372
E 4272598

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photo Time: 1250

Height-Weight

Study Number	Date	Examiner
PC-CC-01	10-4-2010	Ben Franklin

Allotment Name & Number	Pasture
PC-CC	Cover Creek

Kind and/or Class of Animal	Period of Use
cow/calf	6/15 - 8/15

Key Species: Agin Culm: ____ Culmless: ____

No	Height Ungra	Height Graze	% Utilization	No	Height Ungra	Height Graze	% Utilization	No	Height Ungra	Height Graze	% Utilization	No	Height Ungra	Height Graze	% Utilization
1	24"		0	16		5"	55	31	20"		0	46	12"		0
2		7"	41	17		8.5"	34	32	19"		0	47		3.5"	70
3		4"	65	18		4"	65	33		8.5"	34	48	28"		0
4		2"	83	19	25"		0	34		2.5"	78	49	24"		0
5		7"	41	20		6"	50	35	14"		0	50	25.5"		0
6		3"	74	21	25"		0	36		12"	20	51		8"	36
7		3"	74	22		7.5"	39	37	29.5"		0	52		3.5"	70
8		6.5"	46	23	16"		0	38	23.5"		0	53		14"	15
9		1.5"	87	24	25"		0	39		9"	31	54	30"		0
10		7"	43	25	17"		0	40		3.5"	70	55		4"	65
11		8"	36	26	16"		0	41		9"	31	56	26.5"		0
12	20.5"		0	27	29"		0	42		10"	28	57	33.5"		0
13	22"		0	28	27"		0	43		4"	65	58	32"		0
14		4.5"	60	29		5"	55	44		5"	55	59	26"		0
15		5.5"	52	30		4.5"	60	45		4"	65	60	28"		0

Number of Ungraz. Plants	Total Height of Ungraz. Plants	Number of Sampled Plants	Total % Util. for All Sampled Plants
47	35	34	

Total Height of Ungrazed Plants / Number of Ungrazed Plants = Average Ungrazed Plant Height: 618 / 26 = 23.8

Total Percent Utilization / Number of Sampled Plants = Average Utilization: 1793 / 60 = 30%

Notes (use other side or another page, if necessary)
- 15g, 15g, 4g, 15g, 8g, 7g, 15g

Illustration 12

N 365208
E 4272999

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photo time 2:00 P.M

Height-Weight

Study Number	Date	Examiner
PC-CC-02	10/14/10	Jim Pender, Reggie Swenson

Allotment Name & Number	Pasture
Pine Creek Sulphurbeds, 03006	Cove Creek

Kind and/or Class of Animal	Period of Use
	6/15 – 8/15

Key Species: Ager — Culm: X — Culmless:

No	Height Ungra	Height Graze	% Utilization	No	Height Ungra	Height Graze	% Utilization	No	Height Ungra	Height Graze	% Utilization	No	Height Ungra	Height Graze	% Utilization
1	12		0	16	21		0	31	14		0	46	20½		0
2	12		0	17	15		0	32	23½		0	47	14		0
3		2½	62	18	15		0	33	14		0	48		3	57
4	14		0	19		3	57	34	17		0	49	17		0
5	12		0	20		3	57	35		4	49	50		4	49
6		3½	53	21	21		0	36	15		0	51	26		0
7	14		0	22	15		0	37	18		0	52	9½		0
8		1½	75	23		6	32	38	20		0	53	14		0
9		4	49	24		2	67	39	14		0	54	23		0
10	19		0	25	16		0	40		4½	44	55	9		0
11	24		0	26		5½	36	41	24		0	56	19		0
12		3	57	27		4	49	42	18		0	57	15		0
13		5	40	28	23		0	43		3	57	58	18		0
14	16		0	29	20		0	44		7	26	59	14½		0
15		7	26	30	12		0	45	17		0	60		6½	30

Number of Ungraz. Plants		Total Height of Ungraz. Plants (22)		Number of Sampled Plants (19)		Total % Util. for All Sampled Plants	

Total Height of Ungrazed Plants / Number of Ungrazed Plants = Average Ungrazed Plant Height: 675 / 40 = 16.9

Total Percent Utilization / Number of Sampled Plants = Average Utilization: 972 / 60 = 16%

Notes (use other side or another page, if necessary)

12g, 11g, 8g, 13g, 9g, 12g, 14g

Illustration 12

Site: PC-CC-01
Date: 10/4/10
Key sp: Brin / Agin
UTM: 364372, 4272598