Allotment	**Pine Creek**	Pasture	**Pine Creek**				
Date	9/23/2010	Study	**PC-PC-03**				
	Ungrazed	Grazed	% Use		Ungrazed	Grazed	% Use
1		4.5	50%	**31**		2.0	71%
2		8.0	27%	**32**		2.5	66%
3		3.0	60%	**33**		2.0	71%
4	12.0		0%	**34**		1.5	78%
5		6.5	35%	**35**		3.0	60%
6		5.5	42%	**36**		3.0	60%
7		2.5	66%	**37**		6.0	38%
8		2.0	71%	**38**		2.0	71%
9		3.5	57%	**39**		9.5	19%
10		2.0	71%	**40**	9.0		0%
11		2.0	71%	**41**	5.5		0%
12		3.0	60%	**42**	7.5		0%
13		2.0	71%	**43**		1.5	78%
14		2.5	66%	**44**		4.0	54%
15		7.0	33%	**45**		5.0	45%
16		4.0	54%	**46**		4.0	54%
17		2.0	71%	**47**		3.0	60%
18		4.0	54%	**48**		9.0	22%
19		2.5	66%	**49**	23.0		0%
20		4.0	54%	**50**		2.0	71%
21		5.0	45%	**51**		2.0	71%
22		1.5	78%	**52**		2.0	71%
23		6.0	38%	**53**		2.0	71%
24		8.5	24%	**54**		3.0	60%
25		3.0	60%	**55**		2.0	71%
26		4.5	50%	**56**		3.0	60%
27		2.0	71%	**57**		3.0	60%
28		4.5	50%	**58**		2.0	71%
29	20.5		0%	**59**	16.0		0%
30		8.0	27%	**60**		1.5	78%
SUM					93.5	194.0	3053%
Average					18.7	3.7	**51%**
Std Dev					6.681531	2.116268	0.238825

24	25	16.5	16	24	22.5	23	19	21
23.5	21	15	20.5	19	23	23		

Height-Weight

Photo Time 2:45

Study Number	Date	Examiner
PC. PC. 3	9-23-10	R. Swenson

Allotment Name & Number	Pasture
Pine Creek Sulphur Bed 03006	PINE CREEK

Kind and/or Class of Animal	Period of Use
COW - CALF	June 15TH Aug. 15TH

Key Species AGCR 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		4.5	50	16		4.0	54	31		2.0	71	46		4.0	54
2		8.0	27	17		2.0	71	32		2.5	66	47		3.0	60
3		3.0	60	18		4.0	54	33		2.0	71	48		9.0	22
4	12.0		0	19		2.5	66	34		1.5	78	49	23.0		0
5		6.5	35	20		4.0	54	35		3.0	60	50		2.0	71
6		5.5	42	21		5.0	45	36		3.0	60	51		2.0	71
7		2.5	66	22		1.5	78	37		6.0	38	52		2.0	71
8		2.0	71	23		6.0	38	38		2.0	71	53		2.0	71
9		3.5	57	24		8.5	24	39		9.5	19	54		3.0	60
10		2.0	71	25		3.0	60	40	9.0		0	55		2.0	71
11		2.0	71	26		4.5	50	41	5.5		0	56		3.0	60
12		3.0	60	27		2.0	71	42	7.5		0	57		3.0	60
13		2.0	71	28		4.5	50	43		1.5	78	58		2.0	71
14		2.5	66	29	20.5		0	44		4.0	54	59	16.0		0
15		7.0	33	30		8.0	27	45		5.0	45	60		1.5	78

Number of Ungraz. Plants		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 _____ = 18.7

Total Percent Utilization / Number of Sampled Plants = Average Utilization _____ = 51%

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

24", 25, 16.5, 16, 24, 22.5, 23, 19, 21, 23.5, 21, 15, 20.5, 19, 23, 23,

Illustration 12

Height-Weight

Study Number	Date	Examiner

Allotment Name & Number	Pasture
Kind and/or Class of Animal	**Period of Use**

Key Species	Culm		Culmless	

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

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

$$\frac{\text{Total Height of Ungrazed Plants}}{\text{Number of Ungrazed Plants}} = \text{Average Ungrazed Plant Height} \qquad _____ =$$

$$\frac{\text{Total Percent Utilization}}{\text{Number of Sampled Plants}} = \text{Average Utilization} \qquad _____ =$$

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

Illustration 12

PC-PC-D3
Agcr
UTM NAD 83
361750, 4261246

PC-PC-D3
Agcr
UTM NAD 83