Allotment	**Pine Creek**	Pasture	**Pine Creek**				
Date	8/9/2010	Study	**PC-PC-02**				
		Ungrazed	Grazed	% Use		Ungrazed	Grazed	% Use
	1		2.5	68%	**31**		2.0	74%
	2	23.0		0%	**32**		2.5	68%
	3	19.5		0%	**33**		2.0	74%
	4		2.5	68%	**34**		2.5	68%
	5		2.5	68%	**35**		4.0	53%
	6	23.0		0%	**36**	19.5		0%
	7	18.5		0%	**37**		3.0	64%
	8		2.0	74%	**38**		5.0	50%
	9		3.5	59%	**39**		3.5	59%
	10	21.0		0%	**40**		3.5	59%
	11		2.5	68%	**41**		2.5	68%
	12		3.5	59%	**42**		3.0	64%
	13		3.5	59%	**43**	17.0		0%
	14		6.0	42%	**44**		4.5	53%
	15		5.5	45%	**45**		5.0	50%
	16		3.0	64%	**46**		4.5	53%
	17		2.5	68%	**47**		3.0	64%
	18		2.0	74%	**48**	23.0		0%
	19	24.5		0%	**49**		5.0	50%
	20		5.5	45%	**50**		5.0	50%
	21		3.0	64%	**51**		6.0	42%
	22		3.5	59%	**52**		6.0	42%
	23	19.0		0%	**53**		5.5	45%
	24		5.5	45%	**54**		3.0	64%
	25		2.5	68%	**55**	20.5		0%
	26	26.0		0%	**56**		5.5	45%
	27		3.0	64%	**57**		3.0	64%
	28	16.5		0%	**58**		3.5	59%
	29		5.5	45%	**59**		4.0	56%
	30		3.0	64%	**60**		4.0	56%
	SUM					271.0	174.0	2764%
	Average					20.8	3.7	**46%**
	Std Dev					2.889526	1.258275	0.258954

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Height-Weight

Study Number	Date	Examiner
PC-PC-02 UTM 361395 4259237	8/9/10	R. Swenson

Allotment Name & Number	Pasture
Pine Creek	Pine Creek

Kind and/or Class of Animal	Period of Use
Cattle	

Key Species Agcr 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		2.5	68	16		3	64	31		2	74	46		4.5	53
2	23		0	17		2.5	68	32		2.5	68	47		3	64
3	19.5		0	18		2	74	33		2	74	48	23		0
4		2.5	68	19	24.5		0	34		2.5	68	49		5	50
5		2.5	68	20		5.5	45	35		4.5	53	50		5	50
6	23		0	21		3	64	36	19.5		0	51		6	42
7	18.5		0	22		3.5	59	37		3	64	52		6	42
8		2	74	23	19		0	38		5	50	53		5.5	45
9		3.5	59	24		5.5	45	39		3.5	59	54		3	64
10	21		0	25		2.5	68	40		3.5	59	55	20.5		0
11		2.5	68	26	26		0	41		2.5	68	56		5.5	45
12		3.5	59	27		3	64	42		3	64	57		3	64
13		3.5	59	28	16.5		0	43	17		0	58		3.5	59
14		6	42	29		5.5	45	44		4.5	53	59		4	56
15		5.5	45	30		3	64	45		5	50	60		4	56

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: 271 / 13 = 20.8

Total Percent Utilization / Number of Sampled Plants = Average Utilization: 2764 / 60 = 46%

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

Illustration 12