

(12)

PLANT TISSUE ANALYSIS

PHENOLOGY OF THE VEGETATION

DATE	SAMPLE DESCRIPTION	ASH	PRO-TEIN	FAT	FIBER	NFE	Ca	P
1958 Dec. 3	California oat grass	%	10.0	3.4	32.0	45.6	0.40	0.10
1959 Jan. 8	Av. leaf height green leaves 3.5 inches. Old growth present - some seed heads present.	%	16.5	9.4	28.2	41.8	0.44	0.13
1959 Feb. 10	Av. leaf height 4 inches. Brown on edges. Cold weather.	%	13.7	14.8	21.2	45.3	0.23	0.19
1959 Mar. 3	Cold weather - not much rain. Av. leaf height 4 1/2 inches.	%	8.3	18.0	22.1	48.5	0.26	0.24
1959 Apr. 8	Weather warmed up - many new shoots. Av. leaf height 4 1/2 inches. Dry weather.	%	10.4	19.5	20.9	45.2	0.34	0.25
1959 May 5	Starting to form seed heads. Av. leaf height 5 inches.	%	7.2	16.3	23.8	48.1	0.30	0.25
1959 June 9	Heads in flower - some heads starting to form seed.	%	8.0	11.3	29.6	48.9	0.30	0.22
1959 July 8	Soft to medium hard dough stage. Considerable drying at tips of leaves.	%	8.7	8.8	31.0	50.3	0.32	0.15
1959 Aug. 4	Seeds starting to shed - about 1/4 of leaves drying up - all green at base.	%	7.6	7.8	33.6	47.6	0.41	0.10
1959 Sept. 2	Seed stalks starting to break up. Leaves mostly all dry except at base.	%	9.2	9.4	33.3	45.4	0.33	0.12
1959 Oct. 7	Seeds all shattered - basal areas of leaves still green - rest of leaf material all dry.	%	7.7	15.4	28.5	43.4	0.36	0.47
1959 Nov. 3	Leaves green entire length except on edges. Some new shoots. Av. height about 1 1/2 inches.	%	13.8	12.3	26.0	44.4	0.42	0.19
1959 Dec. 8	California oatgrass av. leaf height 1 1/2 inches. Brown on edges - no new shoots since November.	%	8.7	15.2	24.4	47.1	0.43	0.23

Soft Chass sprouted and was in the third leaf stage. sample for Ca and P on the Soft Chass).

Soft Chass

9.7 12.4 3.8 21.9 52.2