

*Cones Shasta*  
 (13)

Effect of Gypsum on:  
 Yield of Baled Irrigated Pasture Forage

June 1961		Kenneth McArthur Test			Shasta-Lassen Counties	
Treatment No.	Material	Bales-Yield as Measured	Width in Feet (1/2 Mile Long)	Sq. Ft. Area	Acres per Plot	Yield per Acre
1	100 Gypsum	85	56'	147,840	3.39	25.07
2	Check	20	44	116,160	2.67	7.49 ✓
3	300 Gypsum	70	51	134,640	3.09	22.65
4	200 Gypsum	60	49	129,360	2.97	20.20
5	Check	20	50	132,000	3.03	6.60
6	200 Gypsum	85	51	134,640	3.09	27.51
7	100 Gypsum	64	45	118,800	2.73	23.44
8	Check	52	60	158,400	3.64	14.29
9	300 Gypsum	71	39	102,960	2.36	30.08
10	200 Gypsum	99	62	163,680	3.76	26.33
11	100 Gypsum	82	38	100,320	2.30	35.65
12	300 Gypsum	64	53	139,920	3.21	19.94

Summary of Yields: ~~Bales~~ Per Acre Hay with  
 Pounds Gypsum Per Acre

	None	100	200	300 Lbs/Ac
I	7.49	25.07	20.20	22.05
II	6.60	23.44	27.51	30.08
III	<u>14.29</u>	<u>35.65</u>	<u>26.33</u>	<u>19.94</u>
	29.38	84.16	73.84	72.67
Av.	9.79	28.05	25.61	24.22
	9.79		25.96 Av.	
	Average Increase		2.65X	