

RANCHITA RANGE STUDY

GRAZING RECORD - 1964

1. Grazing:

- a. 30 head replacement Hereford heifers  
18 on plot #1  
12 on plot #2

b. February 14, 1964 to May 16, 1964

2. Weight Records:

	<u>Weight</u>	<u>Gain</u>		<u>ADG</u>	
		<u>Period</u>	<u>Accumulative</u>	<u>Period</u>	<u>Accumulative</u>
a. Plot #1 -- 18 head					
Feb. 14	11,770				
Mar. 14 (28 days)	12,580	810	810	1.61	1.61
Apr. 15 (60 days)	13,160	580	1,390	1.01	1.29
Apr. 30 (75 days)	13,570	410	1,800	1.52	1.33
May 16 (91 days)	13,790	220	2,020	0.77	1.23
b. Plot #2 -- 12 head					
Feb. 14	7,400				
Mar. 14	7,990	590	590	1.76	1.76
Apr. 15	8,210	220	810	0.57	1.12
Apr. 30	8,620	410	1,220	2.28	1.36
May 16	8,870	250	1,470	1.30	1.35
c. Total					
	<u>Total</u>	<u>Weight</u>		<u>Gain</u>	<u>ADG</u>
Feb. 14	19,170	639			
May 16	22,660	755	3,490	1.28	

3. Estimated value from grazing in 1964

- a. The ranch practice is to take a <sup>3</sup> per cent pencil shrink; therefore, since this is a demonstration project under ranch conditions this shrink should be incorporated in our income estimates. Current price of feeder steers is \$18 and heifers \$16.50. For our estimates we use \$18/cwt.

b. Total value:

$$\begin{aligned} 3,490 \text{ Gain} \times .03 \text{ shrink} &= 3,385 \text{ pounds} \\ 3,385 \times \$ .18 &= \$609.30 \end{aligned}$$

c. Value per acre:

$$\$609.30 \div 119 = \$5.12$$

(more)

4. Estimated grazing value to date (taking a 3 per cent shrink)

	<u>Total</u>	<u>Per Acre</u>
a. 1962 - 4,200 x .03 = 4,074 x .25 =	\$1,018.50	\$ 8.56
1963 - 5,321 x .03 = 5,161 x .25 =	1,290.25	10.84
1964 - 3,490 x .03 = 3,385 x .18 =	<u>609.30</u>	<u>5.12</u>
	\$2,918.05	\$24.52

b. If price for 1964 was \$25/cwt,  
the value would be \$846.25 or \$7.11 per acre.  
This would give a total value of \$26.51 per acre.

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