

BF-IR-75

LASSEN - PLUMAS - SIERRA COUNTIES
PRODUCTION COSTS



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LASSEN - PLUMAS - SIERRA COUNTIES PRODUCTION COSTS

The information which you will find enclosed in this publication is an effort to update the costs of production of beef cattle and some of the major crops of the area. As many of you know, the production costs have been rising rapidly due to fuel shortages, and many other factors. While on the other hand, prices received for beef cattle are now about half of the amount paid in the high year of 1973.

It is realized that each of the operations in the area have a set of costs which are different from their neighbor, depending on labor, equipment used, and many other factors which influence production costs. However, if the producer can use these as guidelines and plug in his own costs, the information may be helpful in making management decisions.

**BEEF BREEDING HERD INCOME AND COSTS
FEEDING HIGH QUALITY ALFALFA**

Lassen County - 1974

Based on 400 cow herd, 80% calf crop, 2% mortality, 20% replacement
selling 12 month old calves

<u>Investment</u>	Value per cow
	Total Ranch
Range land 7.05 acres @ 50	\$ 375.00
Meadow land .7 acres @ 225	157.50
Alfalfa land .3 acres @ 500	150.00
Fences	100.00
Building, corrals, etc.	82.50
Irrigation system	102.15
Alfalfa stand	15.00
Equipment	237.30
Horses and saddles	6.25
Cows	350.00
Bulls	28.00
Heifers	90.00
TOTAL INVESTMENT	\$1,693.70
<u>Income</u>	
Steers .395 @ 750 lb. - 296 lb. @ .33¢	97.80
Heifers .198 @ 700 lb. - 139 lb. @ .23¢	31.90
Cows .18 @ 1,000 lb. - 180 lb. @ .23¢	41.40
Bulls .01 @ 1,400 lb. - 14 lb. @ .25¢	3.50
Other: Meadow hay .15 ton @ \$40	6.00
TOTAL INCOME	\$ 180.60
<u>Expense</u>	
Range	3.50
Concentrate	.50
Salt	1.00
Total Feed	5.00
Labor	51.60
Bull replacement	7.00
Veterinary and medicine	8.00
Taxes	19.55
Equipment	29.90
Miscellaneous overhead	18.00
Building repair	6.90
Irrigation power	14.00
Fertilizer, pest control, haul, wire	37.95
Interest on operating capital	11.70
Cash cost	211.00
Depreciation	34.00
Interest on investment	114.00
Management	8.75
TOTAL EXPENSE	\$ 367.75
NET INCOME	\$ <187.15>

BEEF BREEDING HERD INCOME AND COSTS

Lassen County - 1975

Based on 400 cow herd, 80% calf crop, 2% mortality, 20% replacement, selling 8 month old calves.

<u>Investment</u>	Value per cow
	Total Ranch
Range land 7.75 acres @ 50	\$ 375.00
Meadow land .7 acres @ 225	157.50
Alfalfa land .3 acres @ 500	150.00
Fences	100.00
Buildings, corrals, etc.	82.50
Irrigation system	102.15
Alfalfa stand	15.00
Equipment	237.30
Horses and saddles	6.25
Cows @ \$250 ea.	250.00
Bulls @ \$700 ea.	28.00
Heifers	90.00
TOTAL INVESTMENT	\$ 1,593.70
<u>Income</u>	
Steers .4 @ 450 lb. - 180 lb. @ 34¢	61.20
Heifers .2 @ 425 lb. - 85 lb. @ 24¢	20.40
Cows .2 @ 1,000 lb. - 200 lb. @ 23¢	46.00
Bulls .01 @ 1,400 lb. - 14 lb. @ 25¢	3.50
Other: Meadow hay .55 ton @ \$40	22.00
TOTAL INCOME	\$ 113.90
<u>Expense</u>	
Range - Forest Service AUM @ 1.17	3.50
Concentrate	.50
Salt	1.00
Total feed	5.00
Labor @ \$3 per hour	51.60
Bull replacement	7.00
Veterinary and medicine	8.00
Taxes	19.55
Equipment	29.90
Miscellaneous overhead	18.00
Building repair	6.90
Irrigation power	14.00
Fertilizer, pest control, haul, wire	37.95
Interest on operating capital	11.70
Cash cost	209.60
Depreciation	23.90
Interest on investment 7%	111.50
Management 5% at \$113.90	5.70
TOTAL EXPENSE	\$ 350.90
NET INCOME	\$ -237.00

COSTS OF GRAZING CATTLE ON
FOREST SERVICE BLM PERMITS

Modoc-Lassen Counties - 1973

By Cecil Pierce, Carl Rimbey and Doyle Reed

	Record Number											1973	1972 AV.
	1	2	3	4	5	6	7	8	9	10	11	AV.	8 records
<u>Forest Service</u>													
Head	113	144	138	465	164	181	450	89	300	120	99	206	159
Days	106	109	124	107	138	140	122	153	122	66	111	118	125
Head months	400	504	570	1628	738	845	1800	445	1200	264	250	786	628
<u>Cost per head month</u>													
Labor	.66	1.11	1.42	1.23	1.67	1.60	1.20	2.08	1.85	2.75	4.93	1.86	1.24
Truck	.02	---	.41	.79	1.12	.74	.85	.16	3.02	5.45	.31	1.17	.55
Pickup	.13	.26	.15	.39	.06	.23	.72	1.08	.44	.55	.10	.37	.17
Trailer	---	---	---	.01	---	.04	.33	.18	---	.10	---	.06	.02
Horse	.26	.54	.85	.52	.37	.47	.66	.77	.91	1.52	3.52	.94	.66
Fencing	---	---	---	---	---	---	---	---	.01	---	3.03	.28	.01
Water	---	.48	---	---	---	.34	---	1.79	---	---	---	.24	.03
Salt	.06	.12	.05	.06	.07	.05	---	.32	.10	---	.02	.08	.05
<u>Possessory</u>													
interest	.17	.17	.17	.17	.17	.17	.17	.17	.19	.17	.17	.17	.14
Grazing fee	<u>.95</u>	<u>.95</u>	<u>.95</u>	<u>.95</u>	<u>.98</u>	<u>.95</u>	<u>.95</u>	<u>.95</u>	<u>1.07</u>	<u>.95</u>	<u>.98</u>	<u>.97</u>	<u>.89</u>
TOTAL	2.25	3.63	4.00	4.12	4.44	4.59	4.88	7.50	7.59	11.49	13.06	6.14	3.76

COSTS OF GRAZING CATTLE ON
FOREST SERVICE AND BLM PERMITS

Modoc/Lassen Counties - 1973
(Continued)

	Record Number											1973 AV.	1972 AV. 6 records	
	1	2	3	4	5	6	7	8	9	10	11			
BLM														
Head	33	600	300	585	107	254	56	65					250	239
Days	153	80	201	116	123	163	145	138					140	116
Head months	165	1600	2025	2233	428	1354	270	292					1046	775
Cost per head month														
Labor	.33	.42	.42	.92	1.00	1.53	1.79	1.57					1.00	1.14
Truck	---	.18	.32	.58	.83	.38	1.04	.29					.45	.40
Pickup	.03	---	.07	.02	---	.64	.15	1.11					.25	.16
Trailer	---	---	.04	---	---	.27	---	.20					.06	.01
Horse	---	.32	.12	.67	.80	1.04	.95	.77					.58	.63
Fencing	.18	---	---	.02	---	---	---	.07					.03	.23
Water	---	---	---	---	---	---	---	---					---	.07
Salt	.03	---	---	.02	---	.06	.03	.09					.03	.02
Possessory interest	.13	.13	.13	.13	.13	.13	.13	.13					.13	.13
Grazing fee	<u>.78</u>	<u>.78</u>	<u>.78</u>	<u>.78</u>	<u>.78</u>	<u>.78</u>	<u>.78</u>	<u>.78</u>					<u>.78</u>	<u>.66</u>
TOTAL	1.48	1.83	1.88	3.14	3.54	4.83	4.87	5.01					3.31	3.45

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