

**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 7.5 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
<b>TOTAL INVESTMENT</b>	<b>\$ 1,593.70</b>
<u>Income</u>	
Steers .4 @ 450 lb. - 180 lb. @ 34c	61.20
Heifers .2 @ 425 lb. - 85 lb. @ 24c	20.40
Cows .2 @ 1,000 lb. - 200 lb. @ 23c	46.00
Bulls .01 @ 1,400 lb. - 14 lb. @ 25c	3.50
Other: Meadow hay .55 ton @ \$40	22.00
<b>TOTAL INCOME</b>	<b>\$ 113.90</b>
<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
<b>TOTAL EXPENSE</b>	<b>\$ 350.90</b>
<b>NET INCOME</b>	<b>\$ -237.00</b>

COSTS OF GRAZING CATTLE ON  
FOREST SERVICE AND 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
<b>Forest Service</b>													
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
<b>Cost per head month</b>													
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
<b>Possessory</b>													
interest	.17	.17	.17	.17	.17	.17	.17	.17	.19	.17	.17	.17	.14
Grazing fee	.95	.95	.95	.95	.98	.95	.95	.95	1.07	.95	.98	.97	.89
<b>TOTAL</b>	<b>2.25</b>	<b>3.63</b>	<b>4.00</b>	<b>4.12</b>	<b>4.44</b>	<b>4.59</b>	<b>4.88</b>	<b>7.50</b>	<b>7.59</b>	<b>11.49</b>	<b>13.06</b>	<b>6.14</b>	<b>3.76</b>

COSTS OF GRAZING CATTLE ON  
FOREST SERVICE AND BLM PERMITS

Modoc/Lassen Counties - 1973  
(Continued)

	Record Number											1973	1972 AV.
	1	2	3	4	5	6	7	8	9	10	11	AV.	6 records
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	1.58	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

SAMPLE COSTS TO PRODUCE BARLEY - FLOOD IRRIGATED

Lassen County - 1975

Production data: 4,500 lbs. yield. Labor @ \$3 including social security and comp. insurance.

Operation	Hours Per Acre	Cash and labor cost per acre				Total
		Labor	Fuel and repairs	Materials Kind and Quantity	Cost	
<u>Cultural Costs</u>						
Plow	.5	1.50	1.70			\$ 3.20
Disk	.3	.90	.90			1.80
Landplane				Contract	\$ 5.00	5.00
Run borders	.5	1.50	.30			1.80
Plane checks	.3	.90	.90			1.80
Pre-irrigate	.6	1.80	.50	Power to pump 1/2 a.f. @ \$2.20	1.10	3.40
Drill, seed, fertilize, cultipack	.5	1.50	1.80	75# seed	4.00	7.30
Fertilizer				50# N @ 30¢	15.00	15.00
Fertilize in spring - ground rig	.3	.90	.15	50# N @ 30¢	15.00	16.05
Cultipack for crust	.2	.60	2.20			2.80
Irrigate 2 times	2.0	6.00	.40	Power to pump 1 a.f. @ \$2.20	2.20	8.60
Weed spray	.2	.60	.15	1 1/2 pts. 2,4-D	1.80	2.55
<b>TOTAL CULTURAL COSTS</b>		<b>\$16.20</b>	<b>\$9.00</b>		<b>\$44.10</b>	<b>\$69.30</b>
<u>Harvest Costs</u>						
Combine				Contract 1/2 hr. @ \$18	9.00	
<b>TOTAL HARVEST COSTS</b>						<b>\$ 9.00</b>
<u>Cash overhead</u>						
Misc., office, etc.					4.30	
Taxes					10.00	
<b>TOTAL CASH OVERHEAD</b>						<b>\$14.30</b>
<b>TOTAL CASH COST</b>		<b>\$16.20</b>	<b>\$9.00</b>		<b>\$66.30</b>	<b>\$ 91.50</b>
Management 5% of 2 1/4 tons @ \$100						11.25
<u>INVESTMENT</u>						
	<u>Per Acre</u>			<u>Annual Cost</u>		
Land	\$300.			<u>Depreciation</u>	<u>Interest - 8%</u>	
Leveling	90.				\$24.00	
Irrigation system	125.			\$ 8.35	7.20	
Equipment	105.			10.50	5.00	
<b>Total</b>	<b>\$620.</b>			<b>\$18.85</b>	<b>\$40.40</b>	
						59.25
<b>TOTAL COST PER ACRE</b>						<b>\$162.00</b>
Cost per cwt @ 45 cwt yield						3.60