

BF-SV-69-1
BEEF INCOME AND COSTS - IRRIGATED PASTURE

Butte County - 1969

Based on 300 cow herd, 93% calf crop, 1% mortality, 20% replacement, selling weaners.

	Value per cow					
	Total ranch	Winter range	Irrigated pasture	Equip-ment	Horses	Cattle
	dollars					
INVESTMENT						
Range land	1.66 acres @ \$200	333.00	333.00			
Pasture land	1.17 acres @ \$500	584.00		584.00		
Fences		30.00	10.00	20.00		
Buildings, corrals, etc.		33.00			33.00	
Irrigation system		117.00		117.00		
Pasture stand		58.00		58.00		
Equipment		87.00			87.00	
Horses and saddles		1.00			1.00	
Cows		200.00				200.00
Bulls	.05 @ \$500	25.00				25.00
Heifers	.2 @ \$144	29.00				29.00
TOTAL INVESTMENT		1,497.00	343.00	779.00	120.00	254.00
INCOME						
Steers	.45 @ 600 lb.-270 lb. @ 28¢	75.60				75.60
Heifers	.25 @ 575 lb.-142 lb. @ 24¢	34.05				34.05
Cows	.06 @ 1000 lb.- 60 lb. @ 18¢	10.80				10.80
Bulls	.01 @ 1500 lb.- 15 lb. @ 23¢	3.45				3.45
Pairs	.13 @ 240	31.20				31.20
Transfers			36.50	93.35	20.55	.15
TOTAL INCOME	487 lb.	155.10				155.10
EXPENSE						
Winter range	1.66 AUM					36.50
Pasture	10.0 AUM @ \$ 6					60.00
Hay	1.33 ton @ \$25					33.35
Salt		.50				.50
Total feed		.50				130.35
Labor		44.00		16.50		27.50
Bull replacement @ \$500		5.00				5.00
Veterinary and medicine		.75				.75
Taxes		20.80	5.85	10.20	.75	4.00
Horse						.15
Equipment				10.30		10.25
Miscellaneous overhead		8.00				8.00
Fuel and repairs		5.00			5.00	
Haul hay		5.35		5.35		
Power for irrigation		11.65		11.65		
Fertilizer		31.20	6.00	25.20		
Interest operating capital		5.30	.45	3.10	.25	1.50
Cash cost		137.55	12.30	82.30	6.00	187.50
Depreciation		23.60	.50	12.65	10.35	.10
Interest		93.35	23.70	47.65	4.20	.05
Management 5% of 155.10		7.75				7.75
TOTAL EXPENSE		262.25	36.50	142.60	20.55	213.00
NET INCOME		-107.15	-0-	-49.25	-0-	-57.90

Source: Mitchell, Alva W. and A. Doyle Reed. Beef Ranch Analysis Butte County. Oroville: University of California Agricultural Extension Service Mimeo. February 1969.

BEEF INCOME AND COSTS

Santa Barbara County - 1969

Based on 300 cow herd, 85% calf crop, 1.3% mortality, 20% replacement, selling weaner calves. Calve November and December. Rented ranch.

	Value per cow			
	Total ranch	Equip-ment	Horses	Cattle
	dollars			
INVESTMENT				
Equipment	35.00	35.00		
Horses and saddles .01 @ \$585	5.85		5.85	
Cows	250.00			250.00
Bulls .04 @ \$550	22.00			22.00
Heifers .2 @ \$170	34.00			34.00
TOTAL INVESTMENT	346.85			306.00
INCOME				
Steers .42 @ 500 lb. - 212 lb. @ 34¢	71.95			71.95
Heifers .22 @ 470 lb. - 105 lb. @ 30¢	31.50			31.50
Vealers .12 @ 250 lb. - 30 lb. @ 32¢	9.60			9.60
Cows .12 @ 1,100 lb. - 132 lb. @ 20¢	26.40			26.40
Heifers .04 @ 800 lb. - 31 lb. @ 25¢	8.00			8.00
Bulls .01 @ 1,500 lb. - 10 lb. @ 20¢	2.00			2.00
Transfers		9.90	1.60	
TOTAL INCOME .93 530 lb.	149.45			149.45
EXPENSE				
Range 15 acres @ 4.00	60.00			60.00
Barley stubble 22 head days @ .10	2.20			2.20
Sudan pasture 40 head days @ .10	4.00			4.00
Calf pasture	1.65			1.65
Hay .29 ton @ 25.00	7.35		.60	6.75
Salt	.25			.25
Total feed	75.45			74.85
Hired labor	6.65			6.65
Bull replacement	5.50			5.50
Veterinary and medicine	3.00			3.00
Taxes	4.55	.35	.05	4.15
Horse				1.60
Equipment				9.90
Miscellaneous overhead	3.35		.10	3.25
Stock water	.25			.25
Repairs, maintenance, fuel	4.65	4.65		
Cash cost	103.40	5.00	.75	109.15
Depreciation	4.10	3.50	.60	
Family labor	12.00			12.00
Interest @ 8%	26.10	1.40	.25	24.45
Management 5% of \$149.45	7.45			7.45
TOTAL EXPENSE	153.05	9.90	1.60	153.05
NET INCOME	-3.60	-0-	-0-	-3.60

Source: Maxwell, Lin V. and A. Doyle Reed. Typical Costs and Returns, Cow-Calf Operation Selling Weaners, Santa Barbara County 1969. Santa Barbara: University of California Agricultural Extension Service Mimeo. December 31, 1969.