

BEEF INCOME AND COSTS - VARIOUS SIZED HERDS

Sonoma County - 1971

Based on 90% calf crop, 2% mortality, 20% replacement, selling weaners.

	Total Value					
	Per Cow	50 Cow Herd	100 Cow Herd	200 Cow Herd	500 Cow Herd	1,000 Cow Herd
Investment						
Equipment and horses		\$15,600	\$17,600	\$21,750	\$25,800	\$35,450
Cows	250	12,500	25,000	50,000	125,000	250,000
Bulls .04 @ \$700	28	1,400	2,800	5,600	14,000	28,000
Heifers .20 @ \$175	35	1,750	3,500	7,000	17,500	35,000
TOTAL INVESTMENT		31,250	48,900	84,350	182,300	348,450
Income						
Weaners .45 @ 485 lb. - 218 lb. @ 38¢	82.85					
Heifers .25 @ 460 lb. - 115 lb. @ 35¢	40.25					
Cows .18 @ 1,000 lb. - 180 lb. @ 22¢	39.60					
Bulls .01 @ 1,700 lb. - 17 lb. @ 28¢	4.75					
TOTAL INCOME	167.45	8,372	16,745	33,490	83,725	167,450
Expense						
Range	45.00	2,250	4,500	9,000	22,500	45,000
Fertilizer 1 ton @ \$32	32.00	1,600	3,200	6,400	16,000	32,000
Concentrate .07 ton @ \$80	.55	27	55	110	275	550
Salt	.50	25	50	100	250	500
Total feed	78.05	3,902	7,805	15,610	37,025	78,050
Labor		3,000	4,000	6,000	12,500	20,000
Bull replacement		350	700	1,400	3,500	7,000
Veterinary and medicine		250	400	600	1,400	2,000
Taxes		427	582	895	1,666	3,009
Tractor		200	200	300	400	500
Equipment		500	800	1,400	3,000	5,000
Miscellaneous overhead		600	1,000	1,600	3,500	6,000
Depreciation		1,560	1,760	2,175	2,580	3,545
Interest		2,187	3,423	5,904	12,761	24,392
TOTAL EXPENSE		12,976	20,670	35,884	80,332	149,496
NET INCOME		-4,604	-3,925	-2,394	3,393	17,954

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	Total Value				
	50 Cow Herd	100 Cow Herd	200 Cow Herd	500 Cow Herd	1,000 Cow Herd
<u>Investment</u>					
Equipment and horses	322	176	108	52	35
Cows	250	250	250	250	250
Bulls .04 @ \$700	28	28	28	28	28
Heifers .20 @ \$175	35	35	35	35	35
TOTAL INVESTMENT	635	489	421	365	348
<u>Income</u>					
Steers .45 @ 485 lb. - 218 lb. @ 38¢	82.85				
Heifers .25 @ 460 lb. - 115 lb. @ 35¢	40.25				
Cows .18 @ 1,000 lb. - 180 lb. @ 22¢	39.60				
Bulls .01 @ 1,700 lb. - 17 lb. @ 28¢	4.75				
TOTAL INCOME	167.45	167.45	167.45	167.45	167.45
<u>Expense</u>					
Range	45.00				
Hay 1 ton @ \$32	32.00				
Concentrate .07 ton @ \$80	.55				
Salt	.50				
Total feed	78.05	78.05	78.05	78.05	78.05
Labor	60.00	40.00	30.00	25.00	20.00
Bull replacement .01 @ 700	7.00	7.00	7.00	7.00	7.00
Veterinary and medicine	5.00	4.00	3.00	2.80	2.00
Taxes	8.55	5.80	4.50	3.35	3.00
Horse	4.00	2.00	1.50	.80	.50
Equipment	10.00	8.00	7.00	6.00	5.00
Miscellaneous overhead	12.00	10.00	8.00	7.00	6.00
Depreciation	31.20	17.60	10.85	5.15	3.55
Interest	43.75	34.25	29.50	25.50	24.40
TOTAL EXPENSE	259.55	206.70	179.40	160.65	149.50
NET INCOME	-92.10	-39.25	-11.95	6.80	17.95

INVESTMENT

	Cows Per Herd				
	50	100	200	500	1,000
Cattle squeeze	500	500	500	500	500
Pick-ups	3,000	3,000	3,000	6,600	6,600
Trucks	5,000	5,000	5,500	5,500	10,000
Tractors	5,100	5,100	6,500	6,500	8,400
Wagons		2,000	3,000	3,000	5,000
Sprayer	300	300	500	700	700
Scales	1,200	1,200	2,000	2,000	3,000
Horses and tack	500	500	750	1,000	1,250
	15,600	17,600	21,750	25,800	35,450
Per cow	322	176	108	52	35