

COST AND RETURNS SUMMARY FOR COW-CALF  
 COW-CALF OPERATION-1980 1000 COW HERD 1980  
 SELLING CALF CROP 50% AS WEANERS 50% AS YEARLINGS  
 LASSEN COUNTY CAL-NEVA PUBLIC GRAZING UNIT

BUDGET RECORD NUMBER 483  
 BY CARL RIMBEY  
 FARM ADVISOR

Cow-Calf #42

ITEM	WEIGHT EACH	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST	YOUR COST
<b>1. GROSS RECEIPTS</b>						
CALVES, STEER	4.00	CWT.	75.000	196.000	58800.00	
CALVES, HEIFER	3.75	CWT.	65.000	71.000	17306.25	
CULL COW	9.50	CWT.	40.000	225.000	85500.00	
CULL BULL	14.00	CWT.	53.000	15.000	11130.00	
YEARLING, STEER	7.25	CWT.	65.000	196.000	92365.00	
YEARLING, HEIFER	6.50	CWT.	60.000	196.000	76440.00	
TOTAL					341541.25	
GROSS INCOME PER LBS.						0.7149
<b>2. VARIABLE COSTS</b>						
FEED COSTS						
PUB GRAZ-BLM		AUMS	2.360	6550.000	15458.00	
HAY		TON	60.000	1188.000	71280.00	
PUB GRAZ-BLM		AUMS	2.360	0.000	0.00	
HAY		TON	60.000	1384.000	83040.00	
TOTAL FEED COST					169778.00	
OTHER COSTS						
SALT		HEAD	1.250	1301.000	1626.25	
VET & MED.		HEAD	5.000	1000.000	5000.00	
PREGNANCY TEST		HEAD	1.500	250.000	375.00	
FLY/TICK TREATMT		HEAD	0.250	1285.000	321.25	
HIRED LABOR		MO.	1000.000	24.000	24000.00	
SEASONAL LABOR		MO.	1000.000	6.000	6000.00	
POSSESSORY TAX		AUMS	0.350	5240.000	1834.00	
REPLACEMENT BULL		HEAD	1200.000	15.000	18000.00	
HIRED LABOR		MO.	1000.000	18.000	18000.00	
REPAIRS		DOL.	1000.000	1.000	1000.00	
TRACTORS (FUEL-LUBE-REP)		DOL.			2759.85	
MACHINERY (FUEL-LUBE-REP)		DOL.			22596.28	
EQUIPMENT (FUEL-LUBE-REP)		DOL.			16516.95	
INTEREST ON OPER. CAP.		DOL.	0.14000	95397.63	13355.62	
TOTAL VARIABLE COSTS					301163.24	
VAR. COST PER LBS.						0.6304
<b>3. INCOME ABOVE OPERATING COSTS</b>						
INCOME PER LBS.					40378.01	0.0845
<b>4. OVERHEAD</b>						
PERSONAL PROPERTY TAXES					2904.04	
REAL PROPERTY TAXES					18870.80	
TOTAL OVERHEAD					21774.84	
OVERHEAD COST PER LBS.						0.0456
<b>TOTAL CASH EXPENSE</b>						
CASH EXPENSE PER LBS.					322938.08	0.6760
<b>5. INCOME ABOVE CASH COSTS</b>						
INCOME PER LBS.					18603.17	0.0389
<b>6. FIXED COSTS</b>						
CAPITAL & INTEREST						
INT. ON LIVESTOCK CAPITAL		DOL.	0.14000	694500.00	97230.00	
INT. ON EQUIPMENT CAPITAL		DOL.	0.10670	257476.30	27472.72	
INT. ON MACHINERY CAPITAL		DOL.	0.14000	85905.54	12026.78	
INT. ON IRRIG MEADOW		DOL.	0.10670	510000.00	54417.00	
INT. ON IRRIG PASTURE		DOL.	0.10670	297000.00	31689.90	
INT. ON RANGE		DOL.	0.10670	600000.00	64020.00	
INT. ON FARMSTEAD		DOL.	0.10670	10000.00	1062.00	
TOTAL INTEREST					287923.40	
DEPRECIATION						
DEPR. ON LIVESTOCK		DOL.			1200.00	
DEPR. ON EQUIPMENT		DOL.			20294.54	
DEPR. ON MACHINERY		DOL.			15229.35	
TOTAL DEPRECIATION					37223.89	
TOTAL FIXED COSTS					325147.28	
FIXED COSTS PER LBS.						0.6806
<b>7. TOTAL COSTS</b>						
TOTAL COST PER LBS.					648085.36	1.3565
<b>8. NET RETURNS</b>						
NET RETURNS PER LBS.					-306544.11	-0.6416

WEANED CALVES-STEERS @ 400 LBS HEIFERS @ 375 LBS 12.5% REPLACEMENT RATE  
 YEARLING-STEERS @ 725 LBS HEIFERS @ 650 LBS 2% DEATH LOSS  
 80% CALF CROP  
 DATE PRINTED: 07/15/80 SALE MONTH: 10 PRODUCTION UNIT 477750.00 LBS.

1980 default data

Updated 7/15/80



RANGING ANALYSIS FOR BUDGET RECORD NUMBER 483  
 COW-CALF OPERATION-1980 1000 COW HERD  
 SELLING CALF CROP 50% AS WEANERS 50% AS YEARLINGS  
 LASSEN COUNTY CAL-NEVA PUBLIC GRAZING UNIT

BY CARL RIMBEY  
 FARM ADVISOR

**INCOME ABOVE VARIABLE COSTS**

WHEN THE PRICE OF CALVES, HEIFER RANGES FROM 55.00 TO 75.00  
 AND THE QUANTITY OF CALVES, HEIFER RANGES FROM 244.75 TO 287.75

QUANTITY OF CALVES, HEI	PRICE OF CALVES, HEIFER				
	55.00	60.00	65.00	70.00	75.00
244.75	36533.01	37756.76	38980.51	40204.26	41428.01
255.50	37124.26	38401.76	39679.26	40956.76	42234.26
266.25	37715.51	39046.76	40378.01	41709.26	43040.51
277.00	38306.76	39691.76	41076.76	42461.76	43846.76
287.75	38898.01	40336.76	41775.51	43214.26	44653.01

**INCOME ABOVE ALL CASH COSTS**

WHEN THE PRICE OF CALVES, HEIFER RANGES FROM 55.00 TO 75.00  
 AND THE QUANTITY OF CALVES, HEIFER RANGES FROM 244.75 TO 287.75

QUANTITY OF CALVES, HEI	PRICE OF CALVES, HEIFER				
	55.00	60.00	65.00	70.00	75.00
244.75	14758.17	15981.92	17205.67	18429.42	19653.17
255.50	15349.42	16626.92	17904.42	19181.92	20459.42
266.25	15940.67	17271.92	18603.17	19934.42	21265.67
277.00	16531.92	17916.92	19301.92	20686.92	22071.92
287.75	17123.17	18561.92	20000.67	21439.42	22878.17

**INCOME ABOVE ALL COSTS**

WHEN THE PRICE OF CALVES, HEIFER RANGES FROM 55.00 TO 75.00  
 AND THE QUANTITY OF CALVES, HEIFER RANGES FROM 244.75 TO 287.75

QUANTITY OF CALVES, HEI	PRICE OF CALVES, HEIFER				
	55.00	60.00	65.00	70.00	75.00
244.75	-310389.11	-309165.36	-307941.61	-306717.86	-305494.11
255.50	-309797.86	-308520.36	-307242.86	-305965.36	-304687.86
266.25	-309206.61	-307875.36	-306544.11	-305212.86	-303881.61
277.00	-308615.36	-307230.36	-305845.36	-304460.36	-303075.36
287.75	-308024.11	-306585.36	-305146.61	-303707.86	-302269.11

WEANED CALVES-STEERS @ 400 LBS HEIFERS @ 375 LBS 12.5% REPLACEMENT RATE  
 YEARLING-STEERS @ 725 LBS HEIFERS @ 650 LBS 2% DEATH LOSS  
 80% CALF CROP

*Updated 7/15/80*

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 FARM ADVISOR

INCOME ABOVE VARIABLE COSTS  
 WHEN THE PRICE OF CALVES, STEER  
 AND THE QUANTITY OF CALVES, STEER

RANGES FROM  
 RANGES FROM

65.00 TO  
 760.00 TO

85.00  
 808.00

PRICE OF CALVES, STEER

65.00 70.00 75.00 80.00 85.00

*****					
QUANTITY OF CALVES, STE	760.00	772.00	784.00	796.00	808.00
*	30978.01	34778.01	38578.01	42378.01	46178.01
*					
*	31758.01	35618.01	39478.01	43338.01	47198.01
*					
*	32538.01	36458.01	40378.01	44298.01	48218.01
*					
*	33318.01	37298.01	41278.01	45258.01	49238.01
*					
*	34098.01	38138.01	42178.01	46218.01	50258.01
*					

INCOME ABOVE ALL CASH COSTS  
 WHEN THE PRICE OF CALVES, STEER  
 AND THE QUANTITY OF CALVES, STEER

RANGES FROM  
 RANGES FROM

65.00 TO  
 760.00 TO

85.00  
 808.00

PRICE OF CALVES, STEER

65.00 70.00 75.00 80.00 85.00

*****					
QUANTITY OF CALVES, STE	760.00	772.00	784.00	796.00	808.00
*	9203.17	13003.17	16803.17	20603.17	24403.17
*					
*	9983.17	13843.17	17703.17	21563.17	25423.17
*					
*	10763.17	14683.17	18603.17	22523.17	26443.17
*					
*	11543.17	15523.17	19503.17	23483.17	27463.17
*					
*	12323.17	16363.17	20403.17	24443.17	28483.17
*					

INCOME ABOVE ALL COSTS  
 WHEN THE PRICE OF CALVES, STEER  
 AND THE QUANTITY OF CALVES, STEER

RANGES FROM  
 RANGES FROM

65.00 TO  
 760.00 TO

85.00  
 808.00

PRICE OF CALVES, STEER

65.00 70.00 75.00 80.00 85.00

*****					
QUANTITY OF CALVES, STE	760.00	772.00	784.00	796.00	808.00
*	-315944.11	-312144.11	-308344.11	-304544.11	-300744.11
*					
*	-315164.11	-311304.11	-307444.11	-303584.11	-299724.11
*					
*	-314384.11	-310464.11	-306544.11	-302624.11	-298704.11
*					
*	-313604.11	-309624.11	-305644.11	-301664.11	-297684.11
*					
*	-312824.11	-308784.11	-304744.11	-300704.11	-296664.11
*					

WEANED CALVES-STEERS @ 400 LBS HEIFERS @ 375 LBS 12.5% REPLACEMENT RATE  
 YEARLING-STEERS @ 725 LBS HEIFERS @ 650 LBS 2% DEATH LOSS  
 80% CALF CROP Updated 7/15/80

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**INCOME ABOVE VARIABLE COSTS**

WHEN THE PRICE OF YEARLING, STEER RANGES FROM 55.00 TO 75.00  
 AND THE QUANTITY OF YEARLING, STEER RANGES FROM 1377.50 TO 1464.50

QUANTITY OF YEARLING, S	PRICE OF YEARLING, STEER				
	55.00	60.00	65.00	70.00	75.00
1377.50	23775.51	30663.01	37550.51	44438.01	51325.51
1399.25	24971.76	31968.01	38964.26	45960.51	52956.76
1421.00	26168.01	33273.01	40378.01	47483.01	54588.01
1442.75	27364.26	34578.01	41791.76	49005.51	56219.26
1464.50	28560.51	35883.01	43205.51	50528.01	57850.51

**INCOME ABOVE ALL CASH COSTS**

WHEN THE PRICE OF YEARLING, STEER RANGES FROM 55.00 TO 75.00  
 AND THE QUANTITY OF YEARLING, STEER RANGES FROM 1377.50 TO 1464.50

QUANTITY OF YEARLING, S	PRICE OF YEARLING, STEER				
	55.00	60.00	65.00	70.00	75.00
1377.50	2000.67	8888.17	15775.67	22663.17	29550.67
1399.25	3196.92	10193.17	17189.42	24185.67	31181.92
1421.00	4393.17	11498.17	18603.17	25708.17	32813.17
1442.75	5589.42	12803.17	20016.92	27230.67	34444.42
1464.50	6785.67	14108.17	21430.67	28753.17	36075.67

**INCOME ABOVE ALL COSTS**

WHEN THE PRICE OF YEARLING, STEER RANGES FROM 55.00 TO 75.00  
 AND THE QUANTITY OF YEARLING, STEER RANGES FROM 1377.50 TO 1464.50

QUANTITY OF YEARLING, S	PRICE OF YEARLING, STEER				
	55.00	60.00	65.00	70.00	75.00
1377.50	-323146.61	-316259.11	-309371.61	-302484.11	-295596.61
1399.25	-321950.36	-314954.11	-307957.86	-300961.61	-293965.36
1421.00	-320754.11	-313649.11	-306544.11	-299439.11	-292334.11
1442.75	-319557.86	-312344.11	-305130.36	-297916.61	-290702.86
1464.50	-318361.61	-311039.11	-303716.61	-296394.11	-289071.61

WEANED CALVES-STEERS @ 400 LBS HEIFERS @ 375 LBS 12.5% REPLACEMENT RATE  
 YEARLING-STEERS @ 725 LBS HEIFERS @ 650 LBS 2% DEATH LOSS  
 80% CALF CROP

*Updated 7/15/80*

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 SELLING CALF CROP 50% AS WEANERS 50% AS YEARLINGS FARM ADVISOR  
 LASSEN COUNTY CAL-NEVA PUBLIC GRAZING UNIT

INCOME ABOVE VARIABLE COSTS  
 WHEN THE PRICE OF YEARLING, HEIFER RANGES FROM 50.00 TO 70.00  
 AND THE QUANTITY OF YEARLING, HEIFER RANGES FROM 1235.00 TO 1313.00

QUANTITY OF YEARLING, H	PRICE OF YEARLING, HEIFER				
	50.00	55.00	60.00	65.00	70.00
1235.00	25688.01	31863.01	38038.01	44213.01	50388.01
1254.50	26663.01	32935.51	39208.01	45480.51	51753.01
1274.00	27638.01	34008.01	40378.01	46748.01	53118.01
1293.50	28613.01	35080.51	41548.01	48015.51	54483.01
1313.00	29588.01	36153.01	42718.01	49283.01	55848.01

INCOME ABOVE ALL CASH COSTS  
 WHEN THE PRICE OF YEARLING, HEIFER RANGES FROM 50.00 TO 70.00  
 AND THE QUANTITY OF YEARLING, HEIFER RANGES FROM 1235.00 TO 1313.00

QUANTITY OF YEARLING, H	PRICE OF YEARLING, HEIFER				
	50.00	55.00	60.00	65.00	70.00
1235.00	3913.17	10088.17	16263.17	22438.17	28613.17
1254.50	4888.17	11160.67	17433.17	23705.67	29978.17
1274.00	5863.17	12233.17	18603.17	24973.17	31343.17
1293.50	6838.17	13305.67	19773.17	26240.67	32708.17
1313.00	7813.17	14378.17	20943.17	27508.17	34073.17

INCOME ABOVE ALL COSTS  
 WHEN THE PRICE OF YEARLING, HEIFER RANGES FROM 50.00 TO 70.00  
 AND THE QUANTITY OF YEARLING, HEIFER RANGES FROM 1235.00 TO 1313.00

QUANTITY OF YEARLING, H	PRICE OF YEARLING, HEIFER				
	50.00	55.00	60.00	65.00	70.00
1235.00	-321234.11	-315059.11	-308884.11	-302709.11	-296534.11
1254.50	-320259.11	-313986.61	-307714.11	-301441.61	-295169.11
1274.00	-319284.11	-312914.11	-306544.11	-300174.11	-293804.11
1293.50	-318309.11	-311841.61	-305374.11	-298906.61	-292439.11
1313.00	-317334.11	-310769.11	-304204.11	-297639.11	-291074.11

WEANED CALVES-STEERS @ 400 LBS HEIFERS @ 375 LBS 12.5% REPLACEMENT RATE  
 YEARLING-STEERS @ 725 LBS HEIFERS @ 650 LBS 2% DEATH LOSS  
 80% CALF CROP *Updated 7/15/80*

COW-CALF OPERATION-1980 1000 COW HERO BY CARL RIMBEY  
SELLING CALF CROP 50% AS WEANERS 50% AS YEARLINGS FARM ADVISOR  
LASSEN COUNTY CAL-NEVA PUBLIC GRAZING UNIT

COSTS AND RETURNS WILL BE DIVIDED BY 477750.0 LBS. TO OBTAIN PER LBS. COSTS

Table with columns: LINE, PRODUCTION, 1-13 PRICE, 14-18 WEIGHT UNIT ITEM TYPE YEAR. Rows include 1 CALVES, STEER; 2 CALVES, HEIFER; 3 CULL COW; 4 CULL BULL; 5 YEARLING, STEER; 6 YEARLING, HEIFER.

Table with columns: OPERATING INPUTS, RATE/UNIT, PRICE, NUMBER UNITS, UNIT CODE, ITEM CODE, TYPE, YEAR. Rows include 11 PUB GRAZ-BLM; 13 HAY; 14 SALT; 15 VET & MED.; 16 PREGNANCY TEST; 17 FLY/TICK TREATMT; 18 HIRED LABOR; 19 SEASONAL LABOR; 20 POSSESSORY TAX; 21 REPLACEMENT BULL; 22 PUB GRAZ-BLM; 23 HAY; 24 HIRED LABOR; 25 REPAIRS.

Table with columns: MACHINERY REQUIREMENTS, TIRES OVER, R CREW LABOR, POWER UNIT, MACH CODE, TYPE, YEAR. Rows include 26 MB PLOW 5-16; 27 DISC TANDEN; 28 SPIKEHARROW; 29 DRAG-WEADOW; 33 SIDE DELIV RAKE; 34 SWATHERS --> 2; 35 SP BALE WAGON\*; 36 SP BALE WIRE\*; 39 2 T TRUCKS --> 2500.00500.00500.00800.00800.00800.00800.00800.00800.00800.00800.00500.00500.00; 40 STOCK TRAILER; 41 WAGONS --> 3 180.00180.00180.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00180.00 0.000 0.000 0.000; 43 PICKUP 4X4 --> 3\*\*\*\*\*

Table with columns: EQUIPMENT REQUIREMENTS, NUMBER UNITS, PROPORT OF COST, XXX EQUIP CODE, TYPE, XXXX. Rows include 51 BARN POLE OPEN; 52 SHOP & TOOLS; 53 MACH SHED 3SIDE; 54 BARBWIRE 4 STRND; 55 CORRAL FENCE; 56 LOADING CHUTE; 57 CATTLE SQUEEZE; 58 BRANDING TABLE; 63 HOME; 64 CATTLE SCALES; 65 WELL 14IN 400'; 66 PUMP 123 HP; 67 W LINE SPRINKLER; 68 STOCK POND(S); 70 BUNK HOUSE.

Table with columns: LIVESTOCK INVESTMENT, \*\*\*\*\* UNITS, 1.000, 0., TYPE, YEAR. Rows include 59 BEEF COW; 60 BEEF BULL; 61 HORSE; 62 REPLACEMENT HEIFER.

Table with columns: LAND REQUIREMENTS, CHARGE METHOD, PAST NAME, NUMBER OF ACRES, VALUE OR COST/ACRE, TAXES PER ACRE. Rows include 1 IRRIG MEADOW; 2 IRRIG PASTURE; 3 RANGE; 4 FARASTEAD.

ENTERPRISE 1 REGION/COUNTY 20 INTEREST METH \* UNASSIGNED 00 MACH COMP 1 UNASSIGNED 00 EQUIP SET 10 SALE NO/CYCLE LENGHT 3  
ENTERPRISE 1 REGION/COUNTY 2 INTEREST METH \* UNASSIGNED  
WEANED CALVES-STEERS @ 400 LBS HEIFERS @ 375 LBS 12.5% REPLACEMENT RATE  
YEARLING-STEERS @ 725 LBS HEIFERS @ 650 LBS 2% DEATH LOSS

Updated 7/15/80

80% CALF CROP

Table with columns: LINE CHANGE, GENERAL NAME CHANGE-> 24, MACHNRY NAME CHANGE-> 4, EQUIP NAME CHANGE--> 24. Rows include 24 BRANDING TABLE; 48 POSSESSORY TAX; 5 REPLACEMENT BULL; 11 TRUCK - 2 TON; 15 PICK UP - 4X4; 60 WAGONS --> 3; 27 SWATHERS --> 2; 14 PICKUP 4X4 --> 3; 12 2 T TRUCKS --> 2; 8 SHOP & TOOLS.

Table with columns: MACH COMP CHGS--> 4, 3, 9000.000000; EQUIP COMP CHGS--> 15, 5, 2000.000000; PARAMETER CHGS--> 13, 0.000000. Rows include 4. 3. 9000.000000; 15. 3. 8900.000000; 27. 3.44000.000000; 15. 5. 2000.000000; 8. 5.25000.000000; 24. 6. 1500.000000; 52. 5. 500.000000; 4. 13. 9000.000000; 15. 14. 1.000000; 27. 13.44000.000000; 15. 6. 2000.000000; 8. 6.25000.000000; 25. 5. 1000.000000; 52. 6. 500.000000; 4. 16. 30.000000; 60. 3. 2800.000000; 12. 3.12000.000000; 4. 2. 7000.000000; 9. 2. 2000.000000; 25. 6. 1000.000000; 56. 5. 1000.000000; 11. 13.12000.000000; 60. 13. 2800.000000; 12. 13.12000.000000; 4. 5.15000.000000; 9. 5. 7000.000000; 99. 10. 0.250000; 56. 6. 1000.000000; 11. 11. 0.000000; 11. 3.12000.000000; 15. 13. 8900.000000; 14. 3.27000.000000; 62. 3. 3500.000000; 4. 6.15000.000000; 8. 2. 3000.000000; 9. 6. 7000.000000; 51. 5. 500.000000; 15. 13. 27000.000000; 14. 13. 27000.000000; 62. 13. 3500.000000; 8. 2. 3000.000000; 24. 5. 1500.000000; 51. 6. 500.000000; 16. 0.000000; 26. 0.106700

1980 de fault data