

LASSEN COUNTY COW-CALF PRODUCTION
 CAL NEVA UNIT PUBLIC GRAZING LAND-WINTER

200 COW HERD

1980

ITEM	WEIGHT EACH	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST	YOUR COST
1. GROSS RECEIPTS						
CALVES, STEER	4.00	CWT.	75.000	78.000	23400.00	
CALVES, HEIFER	3.75	CWT.	65.000	53.000	12918.75	
CULL COW	9.50	CWT.	40.000	25.000	9500.00	
CULL BULL	14.00	CWT.	53.000	3.000	2226.00	
TOTAL GROSS INCOME PER LBS.					48044.75	0.6080
2. VARIABLE COSTS						
FEED COSTS						
SPRING RANGE		AUMS	10.000	1400.000	14000.00	
PUB GRAZ-BLN		AUMS	2.360	600.000	1416.00	
OTHER GRAZING		AUMS	10.000	400.000	4000.00	
TOTAL FEED COST					19416.00	
OTHER COSTS						
SALT		HEAD	1.250	235.000	293.75	
VET & MED.		HEAD	5.000	200.000	1000.00	
PREGNANCY TEST		HEAD	1.500	50.000	75.00	
FLY/TICK TREATMT		HEAD	0.250	235.000	58.75	
REPLACEMENT BULL		HEAD	1200.000	3.000	3600.00	
TRACTORS (FUEL-LUBE-REP)		DOL.			801.00	
MACHINERY (FUEL-LUBE-REP)		DOL.			1815.35	
EQUIPMENT (FUEL-LUBE-REP)		DOL.			1426.83	
INTEREST ON OPER. CAP.		DOL.	0.14000	11791.98	1650.88	
TOTAL VARIABLE COSTS					30137.56	
VAR. COST PER LBS.						0.3814
3. INCOME ABOVE OPERATING COSTS					17907.19	
INCOME PER LBS.						0.2266
4. OVERHEAD						
PERSONAL PROPERTY TAXES					115.26	
REAL PROPERTY TAXES					3009.82	
TOTAL OVERHEAD					3125.13	
OVERHEAD COST PER LBS.						0.0395
TOTAL CASH EXPENSE					33262.69	
CASH EXPENSE PER LBS.						0.4209
5. INCOME ABOVE CASH COSTS					14782.06	
INCOME PER LBS.						0.1871
6. FIXED COSTS						
CAPITAL & INTEREST						
INT. ON LIVESTOCK CAPITAL		DOL.	0.14000	126375.00	17692.50	
INT. ON EQUIPMENT CAPITAL		DOL.	0.10670	63292.80	6753.34	
INT. ON MACHINERY CAPITAL		DOL.	0.14000	3443.84	482.14	
INT. ON IRRIG MEADOW		DOL.	0.10670	58500.00	6241.95	
INT. ON RANGE		DOL.	0.10670	120000.00	12804.00	
INT. ON FARMSTEAD		DOL.	0.10670	10000.00	1067.00	
TOTAL INTEREST					45040.93	
DEPRECIATION						
DEPR. ON LIVESTOCK		DOL.			225.00	
DEPR. ON EQUIPMENT		DOL.			4085.82	
DEPR. ON MACHINERY		DOL.			426.23	
TOTAL DEPRECIATION					4807.04	
TOTAL FIXED COSTS					49847.97	
FIXED COSTS PER LBS.						0.6308
7. TOTAL COSTS					83110.67	
TOTAL COST PER LBS.						1.0517
8. NET RETURNS					-35065.92	
NET RETURNS PER LBS.						-0.4437

5% WEANED CALVES 2% DEATH LOSS
 12% REPLACEMENT RATE 80% CALF CROP
 STEERS @ 400LBS. HEIFERS @ 375LBS.
 DATE PRINTED: 12/13/80 SALE MONTH: 10 PRODUCTION UNIT 79025.00 LBS.

BY CARL RIMBEY UC Cooperative Extension
 FARM ADVISOR

STORED DATA PAGE (NO CALCULATIONS) FOR COW-CALF

BUDGET RECORD NUMBER 480

LASSEN COUNTY COW-CALF PRODUCTION
CAL NEVA UNIT PUBLIC GRAZING LAND-WINTER
200 COW HERD

COSTS AND RETURNS WILL BE
DIVIDED BY 79025.0 LBS.
TO OBTAIN PER LBS. COSTS

LINE	1980												PRICE	WEIGHT	UNIT	ITEM	TYPE	YEAR
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC						
PRODUCTION	NUMBER OF UNITS																	
1 CALVES, STEER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	78.00	0.00	0.00	75.000	4.000	16.	4.	2.	0.
2 CALVES, HEIFER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	53.00	0.00	0.00	65.000	3.750	16.	3.	2.	0.
3 CULL COW	0.00	0.00	0.00	0.00	0.00	25.00	0.00	0.00	0.00	0.00	0.00	0.00	40.000	9.500	16.	18.	2.	0.
4 CULL BULL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	53.000	14.000	16.	17.	2.	0.

OPERATING INPUTS	RATE/UNIT												PRICE	NUMBER	UNIT	ITEM	TYPE	YEAR
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC						
10 SPRING RANGE	0.00	0.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00	10.000	200.000	10.	149.	3.	2.
11 PUB GRAZ-BLM	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	2.360	120.000	10.	136.	3.	2.
12 OTHER GRAZING	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	10.000	80.000	10.	139.	3.	2.
14 SALT	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	1.250	235.000	1.	106.	3.	0.
15 VET & MED.	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.50	0.00	0.00	5.000	200.000	1.	416.	3.	0.
16 PREGNANCY TEST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.500	50.000	1.	408.	3.	0.
17 FLY/TICK TREATMT	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.250	235.000	1.	284.	3.	0.
18 REPLACEMENT BULL	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.000	1.	5.	3.	0.

MACHINERY REQUIREMENTS	TIMES OVER												PRICE	NUMBER	UNIT	ITEM	TYPE	YEAR
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC						
30 TRUCK 2 TON	0.00	0.00	0.00	0.00	0.00	200.00	0.00	0.00	0.00	350.00	0.00	0.00	0.000	0.000	0.	12.	4.	0.
35 WAGON	60.00	60.00	60.00	0.00	0.00	60.00	60.00	60.00	0.00	0.00	0.00	60.00	0.000	0.000	3.	60.	4.	0.
40 STOCK TRAILER	0.00	0.00	0.00	2.00	4.00	2.00	2.00	2.00	4.00	1.00	0.00	0.00	0.000	0.000	14.	62.	4.	0.
43 PICKUP 4X4	300.00	300.00	300.00	500.00	500.00	500.00	500.00	500.00	500.00	300.00	300.00	300.00	0.000	0.000	0.	14.	4.	0.

EQUIPMENT REQUIREMENTS	NUMBER	PROPORT	XXX	EQUIP	TYPE	XXXX
51 HOME	1.000	1.000	0.	65.	5.	0.
52 SHOP & TOOLS	1.000	1.000	0.	8.	5.	0.
53 MACH SHED 3SIDE	1.000	1.000	0.	9.	5.	0.
54 WIRE 4 STRND	15.000	1.000	0.	15.	5.	0.
55 LITTLE SCALES	1.000	1.000	0.	27.	5.	0.
56 LOADING CHUTE	1.000	1.000	0.	23.	5.	0.
57 CATTLE SQUEEZE	1.000	1.000	0.	25.	5.	0.
58 BRANDING TABLE	1.000	1.000	0.	24.	5.	0.
68 STOCK POND(S)	1.000	1.000	0.	77.	5.	0.

LIVESTOCK INVESTMENT	NUMBER	PROPORT	XXX	EQUIP	TYPE	XXXX
59 BEEF COW	200.000	1.000	0.	51.	5.	0.
60 BEEF BULL	10.000	1.000	0.	53.	5.	0.
61 HORSE	3.000	1.000	0.	56.	5.	0.
62 REPLACEMENT HEIFER	25.000	1.000	0.	52.	5.	0.

LAND REQUIREMENTS	CHARGE	PAST	NUMBER	VALUE OR	TAXES
72 IRRIG MEADOW	1.	145.	130.00	450.00	0.00
73 RANGE	1.	147.	1200.00	100.00	0.00
74 FARMSTEAD	1.	150.	10.00	1000.00	0.00

ENTERPRISE 1-20 REGION/COUNTY 18 UNASSIGNED 00 INTEREST METHOD 1 UNASSIGNED 00
MACHINE COMP. 10 UNASSIGNED 00 EQUIPMENT SET 2 SALE NO./CYCLE LENGTH 10

SELLING WEANED CALVES 2% DEATH LOSS BY CARL RIMBEY
12.5% REPLACEMENT RATE 80% CALF CROP FARM ADVISOR
STEERS @ 400LBS. HEIFERS @ 375LBS. MACHINERY COMPLEMENT 10
EQUIPMENT COMPLEMENT 2

LINE CHANGE LINE CHANGE LINE CHANGE LINE CHANGE LINE CHANGE
GENERAL NAME CHANGE-> 24 BRANDING TABLE 448 POSSESSORY TAX 5 REPLACEMENT BULL 139 OTHER GRAZING
MACHNRY NAME CHANGE-> 60 WAGON
EQUIP NAME CHANGE--> 24 BRANDING TABLE B SHOP & TOOLS

RM	CL	VALUE	RM	CL	VALUE	RM	CL	VALUE	RM	CL	VALUE	RM	CL	VALUE	
MACH COMP CHGS-->	62.	3.	4000.000000	62.	13.	4000.000000	70.	3.	500.000000	70.	13.	500.000000	89.	3.	800.000000
EQUIP COMP CHGS-->	15.	5.	2000.000000	15.	6.	2000.000000	24.	5.	1000.000000	24.	6.	1000.000000	25.	5.	1500.000000
			98.	10.	0.308700	51.	5.	500.000000	51.	6.	500.000000	52.	5.	500.000000	
			56.	6.	1000.000000										
P. METER CHGS-->	13.		0.000000	6.		0.140000	10.		0.000000	11.		0.000000	16.		0.000000

CASH FLOW & INVESTMENT SUMMARY FOR COW-CALF
 LASSEN COUNTY COW-CALF PRODUCTION
 CAL NEVA UNIT PUBLIC GRAZING LAND-WINTER
 200 COW HERD

BUDGET RECORD NUMBER 480

MONTHLY SUMMARY OF RECEIPTS AND EXPENSES
 1980

YEAR UNIT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
RECEIPTS 1 DOL.	0.	0.	0.	0.	0.	9500.	0.	0.	0.	38545.	0.	0.
OPERATING INPUTS:												
SPRING RANGE 1 DOL.	0.	0.	0.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	0.	0.
PUB GRAZ-BLM 1 DOL.	283.	283.	283.	0.	0.	0.	0.	0.	0.	0.	283.	283.
OTHER GRAZING 1 DOL.	800.	800.	800.	0.	0.	0.	0.	0.	0.	0.	800.	800.
SALT 1 DOL.	24.	24.	25.	24.	24.	25.	24.	24.	25.	24.	24.	25.
VET & MED. 1 DOL.	0.	0.	0.	0.	500.	0.	0.	0.	0.	500.	0.	0.
PREGNANCY TEST 1 DOL.	0.	0.	0.	0.	0.	0.	0.	0.	0.	75.	0.	0.
FLY/TICK TREATMT 1 DOL.	59.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
REPLACEMENT BULL 1 DOL.	0.	0.	3600.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TRACTOR FUEL COST 1 DOL.	61.	61.	61.	0.	0.	61.	61.	61.	0.	0.	0.	61.
TRACT REPAIR COST 1 DOL.	44.	44.	44.	0.	0.	44.	44.	44.	0.	0.	0.	44.
TRACTOR LUBE COST 1 DOL.	9.	9.	9.	0.	0.	9.	9.	9.	0.	0.	0.	9.
MACHRY FUEL COST 1 DOL.	52.	52.	52.	86.	87.	161.	86.	86.	87.	183.	52.	52.
MACHRY LUBE COST 1 DOL.	8.	8.	8.	13.	13.	24.	13.	13.	13.	27.	8.	8.
MACH REPAIR COST 1 DOL.	40.	40.	40.	57.	58.	76.	63.	63.	58.	57.	34.	40.
EQUIP POWER LUBE 1 DOL.	39.	39.	39.	39.	39.	39.	39.	39.	39.	39.	39.	39.
EQUIP REPAIR COST 1 DOL.	80.	80.	80.	80.	80.	80.	80.	80.	80.	80.	80.	80.
INT. ON OPER CAP. 1 DOL.	157.	134.	412.	161.	163.	118.	85.	56.	27.	0.	169.	168.

*** TOTALS OF THE ABOVE ITEMS ARE LISTED IN THE VARIABLE COST SECTION ON THE REVERSE SIDE ***

COST 1 DOL.	1656.	1575.	5452.	2461.	2964.	2637.	2505.	2477.	2328.	2985.	1490.	1609.
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LABOR USE SUMMARY												
MACHINERY LABOR 1 HOUR	41.	41.	41.	20.	20.	61.	49.	49.	20.	33.	12.	41.

LIVESTOCK INVESTMENT AND COST SUMMARY

NAME	UNIT	INVESTMENT			TOTAL VALUE	COST SUMMARY						
		SIZE	PURCH PRICE	NO. IN BUDGET		DEPR.	INTEREST	INS/TAXES	TOTAL OWNERSHIP	FUEL & LUBE	REPAIRS	TOTAL OP COSTS
EQUIPMENT												
SHOP & TOOLS	SBFT	2000.	58500.	1.0	58500.00	1872.00	3745.17	585.00	6202.17	468.00	11.70	479.70
MACH SHED 3SIDE	SBFT	1500.	9775.	1.0	9775.00	219.94	573.65	97.75	891.33	0.00	61.09	61.09
BARBWIRE 4 STRND	MILE	1000.	4095.	1.0	4095.00	122.85	240.32	40.95	404.12	0.00	20.48	20.48
CATTLE SCALES	TON	1.	2000.	15.0	30000.00	1500.00	1600.50	300.00	3400.50	0.00	750.00	750.00
LOADING CHUTE	FEET	5.	5616.	1.0	5616.00	168.48	329.57	56.16	554.21	0.00	18.72	18.72
CATTLE SQUEEZE	FEET	30.	1217.	1.0	1217.00	60.85	64.93	12.17	137.95	0.00	30.43	30.43
BRANDING TABLE	UNIT	1.	1500.	1.0	1500.00	67.50	88.03	15.00	170.53	0.00	37.50	37.50
STOCK POWD(S)	UNIT	1.	1000.	1.0	1000.00	35.00	69.36	10.00	114.36	0.00	25.00	25.00
	EACH	1.	784.	1.0	784.00	39.20	41.83	7.84	88.87	0.00	3.92	3.92
LIVESTOCK												
BEEF COW	LBS.	950.	500.	200.	100000.00	0.00	14000.00	0.00	14000.00			
BEEF BULL	LBS.	1500.	1200.	10.	12000.00	0.00	1680.00	0.00	1680.00			
HORSE	HEAD	1.	1000.	3.	3000.00	225.00	262.50	0.00	487.50			
REPLACENT HEIFER	LBS.	500.	500.	25.	12500.00	0.00	1750.00	0.00	1750.00			
MACHINERY												
TRACTOR 50 HP			14040.00		14040.00	162.16	227.03	58.38	447.57	489.65	311.35	801.00
TRUCK 2 TON			18000.00		18000.00	63.47	51.53	11.14	126.13	237.19	34.71	271.89
PICKUP 4X4			14400.00		14400.00	241.76	165.05	34.68	441.49	952.86	550.57	1503.43
WAGON			1440.00		1440.00	28.38	37.94	10.89	77.21	0.78	38.83	39.61
STOCK TRAILER			4000.00		4000.00	0.46	0.59	0.17	1.23	0.01	0.41	0.42
LAND												
IRRIG MEADOW	ACRE		450.00	130.0	58500.00		6241.95	585.00	6826.95			
RANGE	ACRE		100.00	1200.0	120000.00		12804.00	1200.00	14004.00			
FARMSTEAD	ACRE		1000.00	10.0	10000.00		1067.00	100.00	1167.00			
TOTALS					480367.00	4807.04	45040.93	3125.13	52973.10	2148.48	1894.70	4043.19

TOTAL PER LBS. 6.07867 0.0608 0.5700 0.0395 0.6703 0.0272 0.0240 0.0512
 SELLING WEANED CALVES 2% DEATH LOSS
 12.5% REPLACEMENT RATE 80% CALF CROP
 STEERS @ 400LBS. HEIFERS @ 375LBS.
 BY CARL RIBBEY FARM ADVISOR UC Cooperative Extension

RANGING ANALYSIS FOR BUDGET RECORD NUMBER 480
 LASSEN COUNTY COW-CALF PRODUCTION
 CAL NEVA UNIT PUBLIC GRAZING LAND-WINTER
 200 COW HERD 1980

INCOME ABOVE VARIABLE COSTS

WHEN THE PRICE OF CALVES, STEER RANGES FROM 67.50 TO 82.50
 AND THE QUANTITY OF CALVES, STEER RANGES FROM 250.00 TO 374.00

PRICE OF CALVES, STEER

67.50 71.25 75.00 78.75 82.50

	250.00 *	11382.19	12319.69	13257.19	14194.69	15132.19
	*					
QUANTITY OF CALVES, STE	281.00 *	13474.69	14528.44	15582.19	16635.94	17689.69
	*					
	312.00 *	15567.19	16737.19	17907.19	19077.19	20247.19
	*					
	343.00 *	17659.69	18945.94	20232.19	21518.44	22804.69
	*					
	374.00 *	19752.19	21154.69	22557.19	23959.69	25362.19
	*					

INCOME ABOVE ALL CASH COSTS

WHEN THE PRICE OF CALVES, STEER RANGES FROM 67.50 TO 82.50
 AND THE QUANTITY OF CALVES, STEER RANGES FROM 250.00 TO 374.00

PRICE OF CALVES, STEER

67.50 71.25 75.00 78.75 82.50

	250.00 *	8257.06	9194.56	10132.06	11069.56	12007.06
	*					
QUANTITY OF CALVES, STE	281.00 *	10349.56	11403.31	12457.06	13510.81	14564.56
	*					
	312.00 *	12442.06	13612.06	14782.06	15952.06	17122.06
	*					
	343.00 *	14534.56	15820.81	17107.06	18393.31	19679.56
	*					
	374.00 *	16627.06	18029.56	19432.06	20834.56	22237.06
	*					

INCOME ABOVE ALL COSTS

WHEN THE PRICE OF CALVES, STEER RANGES FROM 67.50 TO 82.50
 AND THE QUANTITY OF CALVES, STEER RANGES FROM 250.00 TO 374.00

PRICE OF CALVES, STEER

67.50 71.25 75.00 78.75 82.50

	250.00 *	-41590.92	-40653.42	-39715.92	-38778.42	-37840.92
	*					
QUANTITY OF CALVES, STE	281.00 *	-39498.42	-38444.67	-37390.92	-36337.17	-35283.42
	*					
	312.00 *	-37405.92	-36235.92	-35065.92	-33895.92	-32725.92
	*					
	343.00 *	-35313.42	-34027.17	-32740.92	-31454.67	-30168.42
	*					
	374.00 *	-33220.92	-31818.42	-30415.92	-29013.42	-27610.92
	*					

SELLING WEANED CALVES 2% DEATH LOSS
 12.5% REPLACEMENT RATE 80% CALF CROP
 STEERS @ 400LBS. HEIFERS @ 375LBS.

BY CARL RIMBEY
 FARM ADVISOR

UC Cooperative Extension

RANGING ANALYSIS FOR BUDGET RECORD NUMBER 480
 LASSEN COUNTY COW-CALF PRODUCTION
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INCOME ABOVE VARIABLE COSTS
 WHEN THE PRICE OF CALVES, HEIFER RANGES FROM 58.50 TO 71.50
 AND THE QUANTITY OF CALVES, HEIFER RANGES FROM 158.75 TO 238.75

QUANTITY OF CALVES, HEI	PRICE OF CALVES, HEIFER				
	58.50	61.75	65.00	68.25	71.50
158.75 *	14275.31	14791.25	15307.19	15823.12	16339.06
*					
178.75 *	15445.31	16026.25	16607.19	17188.12	17769.06
*					
198.75 *	16615.31	17261.25	17907.19	18553.12	19199.06
*					
218.75 *	17785.31	18496.25	19207.19	19918.12	20629.06
*					
238.75 *	18955.31	19731.25	20507.19	21283.12	22059.06
*					

INCOME ABOVE ALL CASH COSTS
 WHEN THE PRICE OF CALVES, HEIFER RANGES FROM 58.50 TO 71.50
 AND THE QUANTITY OF CALVES, HEIFER RANGES FROM 158.75 TO 238.75

QUANTITY OF CALVES, HEI	PRICE OF CALVES, HEIFER				
	58.50	61.75	65.00	68.25	71.50
158.75 *	11150.18	11666.12	12182.06	12697.99	13213.93
*					
178.75 *	12320.18	12901.12	13482.06	14062.99	14643.93
*					
198.75 *	13490.18	14136.12	14782.06	15427.99	16073.93
*					
218.75 *	14660.18	15371.12	16082.06	16792.99	17503.93
*					
238.75 *	15830.18	16606.12	17382.06	18157.99	18933.93
*					

INCOME ABOVE ALL COSTS
 WHEN THE PRICE OF CALVES, HEIFER RANGES FROM 58.50 TO 71.50
 AND THE QUANTITY OF CALVES, HEIFER RANGES FROM 158.75 TO 238.75

QUANTITY OF CALVES, HEI	PRICE OF CALVES, HEIFER				
	58.50	61.75	65.00	68.25	71.50
158.75 *	-38697.79	-38181.85	-37665.92	-37149.98	-36634.04
*					
178.75 *	-37527.79	-36946.85	-36365.92	-35784.98	-35204.04
*					
198.75 *	-36357.79	-35711.85	-35065.92	-34419.98	-33774.04
*					
218.75 *	-35187.79	-34476.85	-33765.92	-33054.98	-32344.04
*					
238.75 *	-34017.79	-33241.85	-32465.92	-31689.98	-30914.04
*					

SELLING WEANED CALVES 2% DEATH LOSS
 12.5% REPLACEMENT RATE 80% CALF CROP
 STEERS @ 400LBS. HEIFERS @ 375LBS.

BY CARL RIMBEY
 FARM ADVISOR