

COST AND RETURNS SUMMARY FOR COW-CALF  
 LASSEN COUNTY COW-CALF PRODUCTION  
 CAL NEVA UNIT PUBLIC GRAZING LAND-SUMMER  
 1980  
 3000 COW HERD

BUDGET RECORD NUMBER 485 BF-IR-80-8

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	390.000	117000.00	
CALVES, HEIFER	3.75	CWT.	65.000	265.000	64593.75	
CULL COW	9.50	CWT.	40.000	125.000	47500.00	
CULL BULL	14.00	CWT.	53.000	15.000	11130.00	
TOTAL GROSS INCOME PER LBS.					240223.75	0.7070
<b>2. VARIABLE COSTS</b>						
FEED COSTS						
PUB GRAZ-BLA		AUMS	2.360	1625.000	3835.00	
OTHER GRAZING		AUMS	10.000	4875.000	48750.00	
HAY		TON	60.000	1770.000	106200.00	
TOTAL FEED COST					158785.00	
OTHER COSTS						
SALT		HEAD	1.250	1185.000	1481.25	
VET & MED.		HEAD	5.000	1000.000	5000.00	
PREGNANCY TEST		HEAD	1.500	250.000	375.00	
FLY/TICK TREATMT		HEAD	0.250	1185.000	296.25	
HIRED LABOR		MO.	1000.000	24.000	24000.00	
SEASONAL LABOR		MO.	1000.000	6.000	6000.00	
REPLACEMENT BULL		HEAD	1200.000	15.000	18000.00	
REPAIRS		DOL.	1000.000	1.000	1000.00	
TRACTORS (FUEL-LUBE-REP)		DOL.			1484.92	
MACHINERY (FUEL-LUBE-REP)		DOL.			12826.39	
EQUIPMENT (FUEL-LUBE-REP)		DOL.			16516.95	
INTEREST ON OPER. CAP.		DOL.	0.14000	126786.23	17750.07	
TOTAL VARIABLE COSTS					263515.83	
VAR. COST PER LBS.						0.7756
<b>3. INCOME ABOVE OPERATING COSTS</b>					-23292.08	
INCOME PER LBS.						-0.0686
<b>4. OVERHEAD</b>						
PERSONAL PROPERTY TAXES					517.53	
REAL PROPERTY TAXES					18870.80	
TOTAL OVERHEAD					19388.33	
OVERHEAD COST PER LBS.						0.0571
TOTAL CASH EXPENSE					282904.15	
CASH EXPENSE PER LBS.						0.8326
<b>5. INCOME ABOVE CASH COSTS</b>					-42680.40	
INCOME PER LBS.						-0.1256
<b>6. FIXED COSTS</b>						
CAPITAL & INTEREST						
INT. ON LIVESTOCK CAPITAL		DOL.	0.14000	644500.00	90230.00	
INT. ON EQUIPMENT CAPITAL		DOL.	0.10670	257476.30	27472.72	
INT. ON MACHINERY CAPITAL		DOL.	0.14000	16649.52	2330.93	
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	1067.00	
TOTAL INTEREST					271227.55	
DEPRECIATION						
DEPR. ON LIVESTOCK		DOL.			1200.00	
DEPR. ON EQUIPMENT		DOL.			20294.54	
DEPR. ON MACHINERY		DOL.			2862.52	
TOTAL DEPRECIATION					24462.11	
TOTAL FIXED COSTS					295689.66	
FIXED COSTS PER LBS.						0.8703
<b>7. TOTAL COSTS</b>					578593.82	
TOTAL COST PER LBS.						1.7029
<b>8. NET RETURNS</b>					-338370.07	
NET RETURNS PER LBS.						-0.9959

SELLING WEANED CALVES 2% DEATH LOSS BY CARL RIMBEY UC Cooperative Extension  
 12.5% REPLACEMENT RATE 80% CALF CROP FARM ADVISOR  
 STEERS @ 400 LBS HEIFERS @ 375 LBS  
 DATE PRINTED: 01/16/81 SALE MONTH: 10 PRODUCTION UNIT 339775.00 LBS.

STORED DATA PAGE (NO CALCULATIONS) FOR COW-CALF

BUDGET RECORD NUMBER 485

LASSEN COUNTY COW-CALF PRODUCTION  
CAL NEVA UNIT PUBLIC GRAZING LAND-SUMMER  
1000 COW HERD 1980

COSTS AND RETURNS WILL BE  
DIVIDED BY 339775.0 LBS.  
TO OBTAIN PER LBS. COSTS

Table with columns: LINE PRODUCTION, 1 JAN, 2 FEB, 3 MAR, 4 APR, 5 MAY, 6 JUN, 7 JUL, 8 AUG, 9 SEP, 10 OCT, 11 NOV, 12 DEC, PRICE, WEIGHT, UNIT, ITEM, TYPE, YEAR. Rows include 1 CALVES, STEER; 2 CALVES, HEIFER; 3 CULL COW; 4 CULL BULL.

Table with columns: OPERATING INPUTS, RATE/UNIT, PRICE, NUMBER UNITS, UNIT CODE, ITEM CODE, TYPE, YEAR. Rows include 11 PUB GRAZ-BLM; 12 OTHER GRAZING; 13 HAY; 14 SALT; 15 VET & MED; 16 PREGNANCY TEST; 17 FLY/TICK TREATMT; 18 HIRED LABOR; 19 SEASONAL LABOR; 21 REPLACEMENT BULL; 25 REPAIRS.

Table with columns: MACHINERY REQUIREMENTS, TIMES OVER, M CREW, POWER, MACH, TYPE, YEAR. Rows include 39 2 T TRUCKS --> 2500.00; 40 STOCK TRAILER; 41 WAGONS --> 3; 43 PICKUP 4X4 --> 3.

Table with columns: EQUIPMENT REQUIREMENTS, NUMBER UNITS, PROPORT OF COST, XXX EQUIP CODE, TYPE, XXXX. Rows include 51 CORN 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 HONE; 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, \*\*\*\*\* 1.000, 0. 51. 5. 0. Rows include 59 BEEF COW; 60 BEEF BULL; 61 HORSE; 62 REPLACENT HEIFER.

Table with columns: LAND REQUIREMENTS, CHARGE METHOD, PAST NAME, NUMBER OF ACRES, VALUE OR COST/ACRE, TAXES PER ACRE. Rows include 71 IRRIG MEADOW; 72 IRRIG PASTURE; 73 RANGE; 74 FARMSTEAD.

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 @ 400 LBS HEIFERS @ 375 LBS

MACHINERY COMPLEMENT 10  
EQUIPMENT COMPLEMENT 2

Table with columns: LINE CHANGE, LINE CHANGE, LINE CHANGE, LINE CHANGE, LINE CHANGE. Rows include 24 BRANDING TABLE; 448 POSSESSORY TAX; 5 REPLACEMENT BULL; 139 OTHER GRAZING; 4 TRACTOR 30 HP; 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, EQUIP COMP CHGS, PARAMETER CHGS. 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; 11. 13. 12000.000000; 60. 13. 2800.000000; 12. 3. 12000.000000; 12. 13. 12000.000000; 4. 5. 15000.000000; 4. 6. 15000.000000; 9. 5. 7000.000000; 9. 6. 7000.000000; 51. 5. 500.000000; 11. 11. 0.000000; 16. 0.000000; 11. 13. 8900.000000; 14. 3. 27000.000000; 62. 13. 3500.000000; 62. 13. 3500.000000; 8. 2. 3000.000000; 24. 5. 1500.000000; 51. 6. 500.000000; 16. 0.000000; 16. 0.106700.

CASH FLOW & INVESTMENT SUMMARY FOR COW-CALF  
 LASSEN COUNTY COW-CALF PRODUCTION  
 CAL NEVA UNIT PUBLIC GRAZING LAND-SUMMER  
 1000 COW HERD

BUDGET RECORD NUMBER 485

		1980											
		MONTHLY SUMMARY OF RECEIPTS AND EXPENSES											
YEAR UNIT		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
RECEIPTS	1 DOL.	0.	0.	0.	0.	0.	47500.	0.	0.	0.	192724.	0.	0.
OPERATING INPUTS:													
PUB GRAZ-BLM	1 DOL.	0.	0.	0.	295.	590.	590.	590.	590.	590.	590.	0.	0.
OTHER GRAZING	1 DOL.	0.	0.	0.	3750.	7500.	7500.	7500.	7500.	7500.	7500.	0.	0.
HAY	1 DOL.	26550.	26550.	26550.	0.	0.	0.	0.	0.	0.	0.	0.	26550.
SALT	1 DOL.	123.	123.	124.	123.	123.	124.	123.	123.	124.	123.	123.	124.
VET & MED.	1 DOL.	0.	0.	0.	0.	2500.	0.	0.	0.	0.	2500.	0.	0.
PREGNANCY TEST	1 DOL.	0.	0.	0.	0.	0.	0.	0.	0.	0.	375.	0.	0.
FLY/TICK TREATAT	1 DOL.	296.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
HIRED LABOR	1 DOL.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.
SEASONAL LABOR	1 DOL.	0.	0.	0.	0.	0.	2000.	2000.	2000.	0.	0.	0.	0.
REPLACEMENT BULL	1 DOL.	0.	0.	18000.	0.	0.	0.	0.	0.	0.	0.	0.	0.
REPAIRS	1 DOL.	0.	0.	0.	500.	500.	0.	0.	0.	0.	0.	0.	0.
TRACTOR FUEL COST	1 DOL.	228.	228.	228.	0.	0.	0.	0.	0.	0.	0.	0.	228.
TRACT REPAIR COST	1 DOL.	108.	108.	108.	0.	0.	0.	0.	0.	0.	0.	0.	108.
TRACTOR LUBE COST	1 DOL.	34.	34.	34.	0.	0.	0.	0.	0.	0.	0.	0.	34.
MACHRY FUEL COST	1 DOL.	445.	445.	445.	644.	644.	644.	644.	644.	644.	644.	445.	445.
MACHRY LUBE COST	1 DOL.	67.	67.	67.	97.	97.	97.	97.	97.	97.	97.	67.	67.
MACH REPAIR COST	1 DOL.	375.	375.	375.	462.	462.	462.	462.	462.	462.	462.	342.	375.
QUIP POWER LUBE	1 DOL.	867.	867.	867.	867.	867.	867.	867.	867.	867.	867.	867.	867.
EQUIP REPAIR COST	1 DOL.	509.	509.	509.	509.	509.	509.	509.	509.	509.	509.	509.	509.
INT. ON OPER CAP.	1 DOL.	3318.	2922.	4027.	647.	921.	690.	518.	345.	149.	0.	559.	3653.
*** TOTALS OF THE ABOVE ITEMS ARE LISTED IN THE VARIABLE COST SECTION ON THE REVERSE SIDE ***													
COST	1 DOL.	34922.	34230.	53336.	9895.	16714.	15484.	15310.	15138.	12943.	15668.	4913.	34962.

LABOR USE SUMMARY

MACHINERY LABOR	1 HOUR	177.	177.	177.	128.	128.	128.	128.	128.	128.	128.	90.	177.
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LIVESTOCK INVESTMENT AND COST SUMMARY

INVESTMENT

COST SUMMARY

NAME	UNIT	SIZE	PURCH PRICE	NO. IN BUDGET	TOTAL VALUE	DEPR.	INTEREST	INS/TAXES	TOTAL OWNERSHIP	FUEL & LUBE	REPAIRS	TOTAL OP COSTS
EQUIPMENT												
BARN POLE OPEN	SQFT	7000.	15000.	2.0	30000.00	950.00	1680.53	300.00	2930.53	0.00	150.00	150.00
SHOP & TOOLS	SQFT	3000.	25000.	1.0	25000.00	562.50	1467.13	250.00	2279.63	0.00	156.25	156.25
MACH SHED 3SIDE	SQFT	2000.	7000.	1.0	7000.00	210.00	410.80	70.00	690.80	0.00	35.00	35.00
BARBWIRE 4 STRND	MILE	1.	2000.	60.0	12000.00	6000.00	6402.00	1200.00	13602.00	0.00	3000.00	3000.00
CORRAL FENCE	FEET	100.	234.	30.0	7020.00	351.00	374.52	70.20	795.72	0.00	175.50	175.50
LOADING CHUTE	FEET	30.	1217.	2.0	2434.00	121.70	129.85	24.34	275.89	0.00	60.85	60.85
CATTLE SQUEEZE	UNIT	1.	1000.	2.0	2000.00	90.00	117.37	20.00	227.37	0.00	50.00	50.00
BRANDING TABLE	UNIT	1.	1500.	1.0	1500.00	52.50	104.03	15.00	171.53	0.00	37.50	37.50
HOME	SQFT	2000.	58500.	2.0	117000.00	3744.00	7490.34	1170.00	12404.34	936.00	23.40	959.40
CATTLE SCALES	TON	5.	5616.	1.0	5616.00	168.48	329.57	56.16	554.21	0.00	18.72	18.72
WELL 14IN 400'	EACH	1.	11700.	2.0	23400.00	702.00	1373.23	234.00	2309.23	0.00	156.00	156.00
PUMP 123 HP	EACH	1.	18720.	2.0	37440.00	2246.40	2197.17	374.40	4817.97	9360.00	748.80	10108.80
W LINE SPRINKLER	EACH	1.	8190.	9.0	73710.00	4422.60	4325.67	737.10	9485.37	0.00	1474.20	1474.20
STOCK POND(S)	EACH	1.	784.	5.0	3920.00	196.00	209.13	39.20	444.33	0.00	19.60	19.60
BUNK HOUSE	SQFT	1000.	14040.	1.0	14040.00	477.36	861.39	140.40	1479.15	112.32	2.81	115.13
LIVESTOCK												
BEEF COW	LBS.	950.	500.	1000.	500000.00	0.00	70000.00	0.00	70000.00			
BEEF BULL	LBS.	1500.	1200.	60.	72000.00	0.00	10080.00	0.00	10080.00			
HORSE	HEAD	1.	1000.	16.	16000.00	1200.00	1400.00	0.00	2600.00			
REPLACENT HEIFER	LBS.	500.	500.	125.	62500.00	0.00	8750.00	0.00	8750.00			
MACHINERY												
TRACTOR 40 HP			11400.00		11400.00	225.72	316.01	81.26	622.99	1049.24	433.38	1482.62
TRACTOR 30 HP			9000.00		9000.00	0.48	0.68	0.17	1.33	1.37	0.93	2.29
2 T TRUCKS --> 2			12000.00		12000.00	623.12	505.93	109.35	1238.39	3493.13	340.76	3833.88
PICKUP 4X4 --> 3			27000.00		27000.00	2023.12	1381.15	290.25	3694.51	4252.70	4607.28	8859.98
STOCK TRAILER			3500.00		3500.00	0.55	0.70	0.20	1.45	0.01	0.49	0.50
WAGONS --> 3			2800.00		2800.00	94.59	126.47	36.29	257.35	2.59	129.44	132.03
LAND												
MEADOW	ACRE		1500.00	340.0	510000.00		54417.00	5100.00	59517.00			
PASTURE	ACRE		450.00	660.0	297000.00		31689.90	2970.00	34659.90			
RANGE	ACRE		100.00	6000.0	600000.00		64020.00	6000.00	70020.00			
FARMSTEAD	ACRE		1000.00	10.0	10000.00		1067.00	100.00	1167.00			
TOTALS					2603280.00	24462.11	271227.55	19388.33	315077.99	19207.35	11620.90	30828.25

TOTAL PER LBS. 7.66178 0.0720 0.7983 0.0571 0.9273 0.0565 0.0342 0.0907  
 SELLING WEANED CALVES 2% DEATH LOSS BY CARL RIMBEY  
 12.5% REPLACEMENT RATE 80% CALF CROP FARM ADVISOR  
 STEERS @ 400 LBS HEIFERS @ 375 LBS UC Cooperative Extension

RANGING ANALYSIS FOR BUDGET RECORD NUMBER 485  
 LASSEN COUNTY COW-CALF PRODUCTION  
 CAL NEVA UNIT PUBLIC GRAZING LAND-SUMMER  
 1000 COW HERD 1980

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

QUANTITY OF CALVES, STE	RANGES FROM		67.50 TO	82.50	
	RANGES FROM		1248.00 TO	1872.00	
	PRICE OF CALVES, STEER				
	67.50	71.25	75.00	78.75	82.50
1248.00 *	-56052.08	-51372.08	-46692.08	-42012.08	-37332.08
*					
1404.00 *	-45522.08	-40257.08	-34992.08	-29727.08	-24462.08
*					
1560.00 *	-34992.08	-29142.08	-23292.08	-17442.08	-11592.08
*					
1716.00 *	-24462.08	-18027.08	-11592.08	-5157.08	1277.92
*					
1872.00 *	-13932.08	-6912.08	107.92	7127.92	14147.92
*					

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

QUANTITY OF CALVES, STE	RANGES FROM		67.50 TO	82.50	
	RANGES FROM		1248.00 TO	1872.00	
	PRICE OF CALVES, STEER				
	67.50	71.25	75.00	78.75	82.50
1248.00 *	-75440.40	-70760.40	-66080.40	-61400.40	-56720.40
*					
1404.00 *	-64910.40	-59645.40	-54380.40	-49115.40	-43850.40
*					
1560.00 *	-54380.40	-48530.40	-42680.40	-36830.40	-30980.40
*					
1716.00 *	-43850.40	-37415.40	-30980.40	-24545.40	-18110.40
*					
1872.00 *	-33320.40	-26300.40	-19280.40	-12260.40	-5240.40
*					

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

QUANTITY OF CALVES, STE	RANGES FROM		67.50 TO	82.50	
	RANGES FROM		1248.00 TO	1872.00	
	PRICE OF CALVES, STEER				
	67.50	71.25	75.00	78.75	82.50
1248.00 *	-371130.07	-366450.07	-361770.07	-357090.07	-352410.07
*					
1404.00 *	-360600.07	-355335.07	-350070.07	-344805.07	-339540.07
*					
1560.00 *	-350070.07	-344220.07	-338370.07	-332520.07	-326670.07
*					
1716.00 *	-339540.07	-333105.07	-326670.07	-320235.07	-313800.07
*					
1872.00 *	-329010.07	-321990.07	-314970.07	-307950.07	-300930.07
*					

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 12.5% REPLACEMENT RATE 80% CALF CROP FARM ADVISOR  
 STEERS @ 400 LBS HEIFERS @ 375 LBS

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

QUANTITY OF CALVES, HEI	PRICE OF CALVES, HEIFER		RANGES FROM		58.50 TO	71.50
	RANGES FROM		RANGES FROM		795.75 TO	1191.75
	58.50	61.75	65.00	68.25	71.50	
795.75	* -41334.45	* -38748.26	* -36162.08	* -33575.89	* -30989.70	
894.75	* -35542.95	* -32635.01	* -29727.08	* -26819.14	* -23911.20	
993.75	* -29751.45	* -26521.76	* -23292.08	* -20062.39	* -16832.70	
1092.75	* -23959.95	* -20408.51	* -16857.08	* -13305.64	* -9754.20	
1191.75	* -18168.45	* -14295.26	* -10422.08	* -6548.89	* -2675.70	

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

QUANTITY OF CALVES, HEI	PRICE OF CALVES, HEIFER		RANGES FROM		58.50 TO	71.50
	RANGES FROM		RANGES FROM		795.75 TO	1191.75
	58.50	61.75	65.00	68.25	71.50	
795.75	* -60722.78	* -58136.59	* -55550.40	* -52964.22	* -50378.03	
894.75	* -54931.28	* -52023.34	* -49115.40	* -46207.47	* -43299.53	
993.75	* -49139.78	* -45910.09	* -42680.40	* -39450.72	* -36221.03	
1092.75	* -43348.28	* -39796.84	* -36245.40	* -32693.97	* -29142.53	
1191.75	* -37556.78	* -33683.59	* -29810.40	* -25937.22	* -22064.03	

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

QUANTITY OF CALVES, HEI	PRICE OF CALVES, HEIFER		RANGES FROM		58.50 TO	71.50
	RANGES FROM		RANGES FROM		795.75 TO	1191.75
	58.50	61.75	65.00	68.25	71.50	
795.75	* -356412.44	* -353826.25	* -351240.07	* -348653.88	* -346067.69	
894.75	* -350620.94	* -347713.00	* -344805.07	* -341897.13	* -338989.19	
993.75	* -344829.44	* -341599.75	* -338370.07	* -335140.38	* -331910.69	
1092.75	* -339037.94	* -335486.50	* -331935.07	* -328383.63	* -324832.19	
1191.75	* -333246.44	* -329373.25	* -325500.07	* -321626.88	* -317753.69	

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