

COST AND RETURNS SUMMARY FOR STOCKER CALF BUDGET RECORD NUMBER 415
 STOCKER CATTLE BY LYNN HOREL, SRA
 SHASTA COUNTY WALT JOHNSON, FARM ADVISOR

Stocker Calf
#415

1980 COSTS & RETURNS ITEM	WEIGHT EACH	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST	YOUR COST
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1. GROSS RECEIPTS						
YEARLING, STEER	650.00	LBS.	0.750	980.000	427250.00	
TOTAL					477750.00	
GROSS INCOME PER LBS.						0.7500
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2. VARIABLE COSTS						
FEED COSTS						
COTTONSEED MEAL		LBS.	0.100	100000.000	10000.00	
MIXED HAY		LBS.	0.030	50000.000	1500.00	
FEED FOR HORSES		DOL.	1.000	260.000	260.00	
TOTAL FEED COST					11760.00	
OTHER COSTS						
CALVES, STEER		HEAD	360.000	1000.000	360000.00	
SALT		LBS.	0.040	12500.000	500.00	
VET & MED.		DOL.	4.000	1000.000	4000.00	
HERDSMAN		MO.	1000.000	6.500	6500.00	
SULPHUR		LBS.	0.070	60000.000	4200.00	
MACHINE HIRE		DOL.	300.000	1.000	300.00	
MACHINERY (FUEL-LUBE-REP)		DOL.			2149.56	
EQUIPMENT (FUEL-LUBE-REP)		DOL.			2373.56	
LABOR: TRACTOR & MACHINERY		HRS.	3.500	275.04	962.64	
LABOR: LIVESTOCK		HRS.	3.500	700.00	2450.00	
INTEREST ON OPER. CAP.		DOL.	0.14000	192482.67	26947.57	
TOTAL VARIABLE COSTS					422143.33	
VAR. COST PER LBS.						0.6627
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3. INCOME ABOVE OPERATING COSTS					55606.67	
INCOME PER LBS.						0.0873
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4. OVERHEAD						
PERSONAL PROPERTY TAXES					49.91	
REAL PROPERTY TAXES					6212.04	
TOTAL OVERHEAD					6261.95	
OVERHEAD COST PER LBS.						0.0109
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TOTAL CASH EXPENSE					429112.28	
CASH EXPENSE PER LBS.						0.6736
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5. INCOME ABOVE CASH COSTS					48637.72	
INCOME PER LBS.						0.0764
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6. FIXED COSTS						
CAPITAL & INTEREST						
INT. ON LIVESTOCK CAPITAL		DOL.	0.14000	1125.00	157.50	
INT. ON EQUIPMENT CAPITAL		DOL.	0.10700	46583.80	4984.47	
INT. ON MACHINERY CAPITAL		DOL.	0.14000	1693.95	237.15	
INT. ON FARMSTEAD		DOL.	0.10700	600.00	64.20	
INT. ON WINTER RANGE		DOL.	0.10700	599400.00	64135.80	
TOTAL INTEREST					69579.12	
DEPRECIATION						
DEPR. ON LIVESTOCK		DOL.			135.00	
DEPR. ON EQUIPMENT		DOL.			5037.44	
DEPR. ON MACHINERY		DOL.			346.22	
TOTAL DEPRECIATION					5519.17	
TOTAL FIXED COSTS					75098.29	
FIXED COSTS PER LBS.						0.1179
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7. TOTAL COSTS					504210.57	
TOTAL COST PER LBS.						0.7915
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8. NET RETURNS					-26460.57	
NET RETURNS PER LBS.						-0.0415

1000 HEAD PURCHASED IN NOV. - 980 SOLD IN MAY
 AVE. PURCH. WT. 450#, AVE. SALE WT. 650#
 2% MORTALITY, 3000 AC. OF GOOD ANN. RANGE
 DATE PRINTED: 01/16/81 SALE MONTH: 5 PRODUCTION UNIT
1980 default data

UPDATED 04/30/80
 637000.00 LBS.

CASH FLOW & INVESTMENT SUMMARY FOR STOCKER CALF
 STOCKER CATTLE
 SHASTA COUNTY
 1980 COSTS & RETURNS

BY LYNN HOREL, SRA
 WALT JOHNSON, FARM ADVISOR

BUDGET RECORD NUMBER 4

		MONTHLY SUMMARY OF RECEIPTS AND EXPENSES											
YEAR	UNIT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
TOTAL RECEIPTS	1 DOL.	0.	0.	0.	0.	47750.	0.	0.	0.	0.	0.	0.	0.
OPERATING INPUTS:													
COTTONSEED MEAL	1 DOL.	3000.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3000.	4000.
MIXED HAY	1 DOL.	300.	300.	300.	0.	0.	0.	0.	0.	0.	0.	300.	300.
FEED FOR HORSES	1 DOL.	40.	40.	40.	40.	20.	0.	0.	0.	0.	0.	40.	40.
CALVES, STEER	1 DOL.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	36000.	0.
SALT	1 DOL.	120.	40.	40.	40.	20.	0.	0.	0.	0.	0.	120.	120.
VET & MED.	1 DOL.	500.	500.	500.	500.	500.	0.	0.	0.	0.	0.	1000.	500.
HERDSMAN	1 DOL.	1000.	1000.	1000.	1000.	500.	0.	0.	0.	0.	0.	1000.	1000.
SULPHUR	1 DOL.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4200.	0.	0.
MACHINE HIRE	1 DOL.	0.	0.	0.	300.	0.	0.	0.	0.	0.	0.	0.	0.
MACHRY FUEL COST	1 DOL.	176.	176.	141.	141.	109.	0.	0.	0.	0.	86.	178.	176.
MACHRY LUBE COST	1 DOL.	26.	26.	21.	21.	16.	0.	0.	0.	0.	13.	27.	26.
MACH REPAIR COST	1 DOL.	117.	117.	94.	94.	73.	0.	0.	0.	0.	57.	119.	117.
EQUIP REPAIR COST	1 DOL.	297.	297.	297.	297.	297.	0.	0.	0.	0.	297.	297.	297.
MACHINERY LABOR	1 DOL.	143.	143.	115.	115.	89.	0.	0.	0.	0.	70.	145.	143.
LIVESTOCK LABOR	1 DOL.	350.	350.	350.	350.	350.	0.	0.	0.	0.	0.	350.	350.
INT. ON OPER CAP.	1 DOL.	283.	105.	68.	34.	0.	0.	0.	0.	0.	386.	25660.	412.

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

COST	1 DOL.	6352.	3094.	2966.	2933.	1974.	0.	0.	0.	0.	5108.	392235.	7482.
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LABOR USE SUMMARY													
MACHINERY LABOR	1 HOUR	41.	41.	33.	33.	25.	0.	0.	0.	0.	20.	41.	41.
LIVESTOCK LABOR	1 HOUR	100.	100.	100.	100.	100.	0.	0.	0.	0.	0.	100.	100.

LIVESTOCK INVESTMENT AND COST SUMMARY

NAME	UNIT	SIZE	INVESTMENT			COST SUMMARY							
			PURCH PRICE	NO. IN BUDGET	TOTAL VALUE	DEPR.	INTEREST	INS/TAXES	TOTAL OWNERSHIP	FUEL & LUBE	REPAIRS	TOTAL OP COSTS	
EQUIPMENT													
BARN HAY	SQFT	2000.	5850.	1.0	5850.00	131.63	344.27	58.50	534.40	0.00	36.56	36.56	
BARBWIRE 5 STRND	MILE	1.	4000.	9.0	36000.00	1800.00	1926.00	360.00	4086.00	0.00	900.00	900.00	
BARBWIRE 4 STRND	MILE	1.	3000.	3.5	10500.00	525.00	561.75	105.00	1191.75	0.00	262.50	262.50	
PORTABLE SCALE	HEAD	1.	2500.	8.0	20000.00	1000.00	1070.00	200.00	2270.00	0.00	1000.00	1000.00	
CATTLE SCALES	TON	10.	6435.	1.0	6435.00	193.05	378.70	64.35	636.10	0.00	21.45	21.45	
CATTLE SQUEEZE	UNIT	1.	351.	1.0	351.00	15.80	20.66	3.51	39.96	0.00	8.78	8.78	
SELF FEEDER	EACH	1.	316.	25.0	7900.00	1128.57	422.65	79.00	1630.22	0.00	22.57	22.57	
LOADING CHUTE	FEET	30.	1217.	4.0	4868.00	243.40	260.44	48.68	552.52	0.00	121.70	121.70	
LIVESTOCK													
HORSE	HEAD	1.	900.	2.	1800.00	135.00	157.50	0.00	292.50				
MACHINERY													
PICKUP 4X4			14400.00		14400.00	345.08	235.58	49.51	630.16	1360.07	785.85	2145.92	
HORSE TRAILER			1520.00		1520.00	1.65	1.57	0.40	3.62	0.07	3.56	3.63	
LAND													
FARMSTEAD	ACRE		200.00	3.0	600.00		64.20	6.00	70.20				
WINTER RANGE	ACRE		200.00	2997.0	599400.00		64135.80	5994.00	70129.80				
TOTALS					709624.00	5519.17	69579.12	6968.95	82067.23	1360.14	3162.97	4523.12	
TOTAL PER LBS.					1.11401	0.0087	0.1092	0.0109	0.1288	0.0021	0.0050	0.0071	

1000 HEAD PURCHASED IN NOV. - 980 SOLD IN MAY
 AVE. PURCH. WT. 450# , AVE. SALE WT. 650#
 2% MORTALITY, 3000 AC. OF GOOD ANN. RANGE

UPDATED 04/30/80

FUEL USE SUMMARY FOR BUDGET RECORD NUMBER 415
 STOCKER CATTLE BY LYNN HOREL, SRA
 SHASTA COUNTY WALT JOHNSON, FARM ADVISOR
 1980 COSTS & RETURNS

FUEL USED IN GALLONS PER HOUR

PICKUP 4X4 4.300

FUEL ALLOCATED TO OPERATIONS IN GALLONS PER ACRE COVERED

MACHINE GALLONS POWER UNIT

PICKUP 4X4 0.143
 HORSE TRAILER 0.347 PICKUP 4X4

FUEL ALLOCATED TO OPERATIONS FOR THE BUDGET UNIT

	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL	FUEL TYPE
PICKUP 4X4	143.333	143.333	114.667	114.667	86.000	0.000	0.000	0.000	0.000	71.667	143.333	143.333	960.333	GAS
HORSE TRAILER	3.469	3.469	3.469	3.469	5.203	0.000	0.000	0.000	0.000	0.000	5.203	3.469	27.749	GAS
TOTALS	146.802	146.802	118.135	118.135	91.203	0.000	0.000	0.000	0.000	71.667	148.536	146.802	988.083	

GALLONS FUEL BY TYPE

988.08 GAS
 0.00 LP
 0.00 DIESEL
 0.00 N. GAS
 0.00 KWHR

FUEL TYPES
 1=GAS
 2=L.P.
 3=DIESEL
 4=N. GAS
 5=ELEC.

STORED DATA PAGE (NO CALCULATIONS) FOR STOCKER CALF

BUDGET RECORD NUMBER

STOCKER CATTLE
SHASTA COUNTY
1980 COSTS & RETURNS

BY LYNN MOREL, SRA
WALT JOHNSON, FARM ADVISOR

COSTS AND RETURNS WILL BE
DIVIDED BY 637000.0 LBS.
TO OBTAIN PER LBS. COSTS

LINE	1980 COSTS & RETURNS												PRICE	WEIGHT	UNIT CODE	ITEM CODE	TYPE	YEAR	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC							
PRODUCTION								NUMBER OF UNITS											
1	0.00	0.00	0.00	0.00	980.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.750	650.000	12.	7.	2.	0.	
OPERATING INPUTS																			
												PRICE	NUMBER UNITS	UNIT CODE	ITEM CODE	TYPE	YEAR		
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00360	360.000	1.000	1.	4.	3.	0.
12	30.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.00	40.00	0.100	*****	12.	109.	3.	2.
13	10.00	10.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	10.00	0.030	*****	12.	106.	3.	2.	
14	3.00	1.00	1.00	1.00	0.50	0.00	0.00	0.00	0.00	0.00	3.00	3.00	0.040	*****	15.	416.	3.	0.	
15	0.13	0.13	0.13	0.13	0.13	0.00	0.00	0.00	0.00	0.00	0.25	0.13	4.000	*****	1.000	40.	338.	3.	0.
16	1.00	1.00	1.00	1.00	0.50	0.00	0.00	0.00	0.00	0.00	1.00	1.00	1.00	*****	1.000	40.	338.	3.	0.
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.070	600.000	12.	224.	3.	0.
18	40.00	40.00	40.00	40.00	20.00	0.00	0.00	0.00	0.00	0.00	40.00	40.00	1.000	1.000	15.	182.	3.	2.	
21	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	300.000	1.000	15.	300.	3.	0.	

MACHINERY REQUIREMENTS												TIRES OVER		A CREW		POWER	MACH	TYPE	YEAR
												LABOR	UNIT	CODE	CODE	YEAR			
38	*****	800.00	800.00	800.00	0.00	0.00	0.00	0.00	0.00	500.00	*****	0.000	0.000	0.	14.	4.	0.		
39	10.00	10.00	10.00	10.00	15.00	0.00	0.00	0.00	0.00	0.00	15.00	10.00	0.000	0.000	14.	43.	4.	0.	
49	100.00	100.00	100.00	100.00	100.00	0.00	0.00	0.00	0.00	0.00	100.00	100.00							

EQUIPMENT REQUIREMENTS												NUMBER UNITS	PROPORT OF COST	XXX EQUIP CODE	TYPE	XXXX	
51	BARN HAY											1.000	1.000	0.	2.	5.	0.
52	BARBWIRE 5 STRND											9.000	1.000	0.	16.	5.	0.
53	BARBWIRE 4 STRND											3.500	1.000	0.	15.	5.	0.
54	PORTABLE SCALE											8.000	1.000	0.	22.	5.	0.
55	CATTLE SCALES											1.000	1.000	0.	28.	5.	0.
56	CATTLE SQUEEZE											1.000	1.000	0.	25.	5.	0.
57	SELF FEEDER											25.000	1.000	0.	76.	5.	0.
58	LOADING CHUTE											4.000	1.000	0.	23.	5.	0.

LIVESTOCK INVESTMENT												NUMBER UNITS	PROPORT OF COST	XXX EQUIP CODE	TYPE	XXXX	
60	HORSE											2.000	1.000	0.	56.	5.	0.

LAND REQUIREMENTS												CHARGE METHOD	PAST NAME	NUMBER OF ACRES	VALUE OR COST/ACRE	TAXES PER ACRE
71	FARMSTEAD											1.	150.	3.00	200.00	0.00
72	WINTER RANGE											1.	148.	2997.00	200.00	0.00

ENTERPRISE 1-21 REGION/COUNTY 45 UNASSIGNED 00 INTEREST METHOD 1 UNASSIGNED 00
MACHINE COMP. 10 UNASSIGNED 00 EQUIPMENT SET 2 SALE NO./CYCLE LENGTH 5

1000 HEAD PURCHASED IN NOV. - 980 SOLD IN MAY
AVE. PURCH. WT. 450# , AVE. SALE WT. 650#
2% MORTALITY, 3000 AC. OF GOOD ANN. RANGE

UPDATED 04/30/80

MACHINERY COMPLEMENT 10
EQUIPMENT COMPLEMENT 2

NO NAME CHANGES HAVE BEEN STORED WITH THIS BUDGET

	RW CL	VALUE	RW CL	VALUE	RW CL	VALUE	RW CL	VALUE	RW CL	VALUE	RW CL	VALUE
EQUIP COMP CHGS-->	15.	5.	3000.000000	15.	6.	3000.000000	16.	5.	4000.000000	16.	6.	4000.000000
PARAMETER CHGS-->	10.		3.500000	13.		0.000000	6.		0.140000	11.		3.500000
												0.00000026.
												0.107000

1980 default data

2. Insecticide, Fungicide and Rodenticide Act and Amendments Thereto

In 1947 the Insecticide, Fungicide and Rodenticide Act⁴⁸ was passed, requiring a manufacturer to register the label of a pesticide with the Department of Agriculture. The Pesticide Chemical Amendemnt of 1954⁴⁹ sometimes known as the "Miller Act" after its principal sponsor--Representative A. I. Miller of Nebraska, added a pre-marketing testing step as had been advocated in the recently published Delaney Reports. A manufacturer was now required to apply to the FDA for approval of a tolerance level, setting the amount of allowable residue of pesticide on raw food. The manufacturer had the burden of providing adequate scientific data to show what constituted a safe residue level, and if the FDA was not satisfied with the data, it had the option of refusing to grant a tolerance level thereby banning use of the substance. The law also gave the FDA procedures for setting tolerance levels for pesticides registered prior to the passage of the amendment.

By 1959 new forms of chemical pesticides had been developed which were not covered by the 1954 amendment. New legislation brought nematocides, defoliants, dessicants, and plant regulators under the provisions of the 1954 law.⁵⁰

Today the federal government is still very much involved in this area of consumer protection, but agency jurisdiction has changed. With the establishment of the Environmental Protection Agency under the President's Reorganization Plan of 1970, authority to set, monitor, and enforce pesticide tolerance levels has been transferred away from the FDA.