

AGRICULTURAL EXTENSION SERVICE
UNIVERSITY OF CALIFORNIA

SHEEP AND SWINE PRODUCTION

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SHEEP

The sheep industry in San Luis Obispo and Santa Barbara Counties occupies a minor role in meat production. For the most part, flocks are scattered throughout the area with 10 to 50 ewes per flock. Migratory bands utilize grain stubble, alfalfa pasture and eastern rangeland during the late summer, fall and winter periods. At times there are upwards of 50,000 head grazing in the two counties.

SWINE

Swine production is limited to small farm-raised operations. San Luis Obispo County has two sizeable sow operations. Commercial hog operators face extreme competition from the Midwest where they can ship hog carcasses into California for the same value as they can be produced locally.

	<u>San Luis Obispo</u>	<u>Santa Barbara</u>
<u>Sheep</u>		
Inventory, January 1, 1967	20,100	4,800
Number head sold	8,900	9,130
Value	\$179,000	\$170,000
<u>Swine</u>		
Inventory, January 1, 1967	1,700	1,300
Number head sold	4,200	5,040
Value	\$218,000	\$217,000

Production costs for sheep and swine are included to be used as a guideline. These figures are for the San Joaquin Valley and are applicable to our area.

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SAMPLE COSTS . . RANGE SHEEP PRODUCTION*

PRODUCTION DATA

Ewes: 5% death loss and 14% culled annually
 Rams: 1 ram to 40 ewes: 8% mortality and 20% culled annually
 Lambs: 100% lamb crop raised (mortality equals twin lambing)
 Wool production: 10 lbs. per ewe from band and replacements minus death loss.

	Sample Costs	My Costs
<u>CASH COSTS</u>		
Range rent - 3 months @ 60¢/head/month	3,600.00	
Barley stubble - 4 months @ 60¢/head/month	4,800.00	
Alfalfa pasture - 5 months @ 3 1/2¢/head/day	10,500.00	
Alfalfa hay - 40 tons @ \$26	1,040.00	
Grain - 25 tons @ \$46	1,150.00	
Salt - 5 tons @ \$30	150.00	
Veterinary and medicine	500.00	
Spray - custom - 2,050 head @ 10¢	205.00	
Shearing = custom 2,300 @ 56¢	1,288.00	
Two herders @ \$362.50/month - total costs	8,700.00	
Operator - labor and management - \$400/month total	4,800.00	
Gasoline, oil, repairs for truck & pickup	1,650.00	
Auto mileage - 10,000 miles @ 10¢	1,000.00	
Purchased replacements:		
400 yearling ewes @ \$20	8,000.00	
14 rams @ \$110.00	1,540.00	
County taxes: total	715.00	
Misc., including dues, office, interest on operating capital	3,000.00	
Total Cash Costs	\$52,638.00	
<u>DEPRECIATION</u>		
Buildings and equipment	1,066.25	
Total Depreciation	\$ 1,066.25	
<u>INTEREST ON INVESTMENT @ 6%</u>		
Buildings and equipment - 1/2 cost \$5,933.75	359.63	
Land for corrals - \$1,000	60.00	
Livestock - \$45,700 investment	2,742.00	
Total Interest on Investment	3,161.63	
<u>TOTAL COST OF OPERATION</u>	\$56,865.88	
<u>ESTIMATED INCOME</u>		
Lambs: 2,000 @ 90 lbs @ 24¢ in wool	43,200.00	
Ewes: 300 @ \$6	1,800.00	
Rams: 10 @ \$6	60.00	
Wool: 23,000 lbs @ 60¢ (includes government incentive payment)	13,800.00	
Total Income	\$58,860.00	

* Sample costs for a 2,000 ewe band. Costs based on feed supply from natural range, barley stubble and grazed alfalfa, with supplements of harvested feeds.
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Sample Costs . . RANGE SHEEP PRODUCTION - 2

	Combined Annual Deprec.	Total Value
<u>INVESTMENT ITEMS</u>		
Buildings and Equipment		
Camp trailers (3)	100.00	3,000.00
Fencing material	41.25	337.50
Feeding and watering facilities	45.00	250.00
Truck, pickup, etc.	800.00	8,000.00
Misc. small equipment	80.00	400.00
Sub Total	1,066.25	11,987.50
 Livestock Inventory		
Ewes: 2,000 @ \$20		40,000.00
Rams: 50 @ \$110		5,500.00
Dogs: 8 @ \$25		200.00
Sub Total		45,700.00
TOTAL INVESTMENT	\$1,066.25	\$ 57,687.50

NET FARM INCOME

Since varying degrees of indebtedness may exist, the above data can be summarized to show net farm income; or the amount available to pay for operator's labor, management, and interest on investment.

Cash Costs (except operator's labor)	\$47,838.00
Depreciation	<u>1,066.25</u>
	\$48,904.25
 Total income	58,860.00
Less cash and depreciation costs	<u>48,904.25</u>
NET FARM INCOME	\$ 9,955.75

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SAMPLE COSTS . . . SWINE PRODUCTION

100 Sows --- Grain Fed

	Total	Interest	Depreciation
<u>INVESTMENT</u>			
Land - 4 acres	2,000	120	
16-stall farrowing house	7,000	210	350
20 pen nursery unit	5,000	150	250
16 pen fattening unit	6,000	180	300
Dry sow and boar pens	2,500	75	125
Feeders and waterers	1,650	50	165
Feed storage	1,000	30	50
Breeding stock	7,000	420	--
Total Investment	\$32,150	\$1,235	\$1,240

	Sample Costs
<u>FEED COSTS</u>	
Grain - 483.2 tons @ \$50/ton	24,160
Protein supplement - 112.0 tons @ \$90/ton	11,061
Creep feed - 14.7 tons @ \$110/ton	1,617
Total feed costs	\$ 36,838
<u>OPERATING COSTS</u>	
Labor - 50 hours/sow @ \$2/hour	10,000
Taxes and insurance	1,000
Water and electricity	600
Auto, office and misc. expense	1,000
Veterinarian, medicine and disinfectants	2,000
Two replacement boars	300
Interest on operating capital	600
Total operating costs	\$ 15,500
Total cash costs	\$ 52,338

SUMMARY	
<u>COSTS</u>	
Total depreciation	1,240
Interest on investment	1,235
Total cash and operating costs	52,338
TOTAL ALL COSTS	\$54,813
<u>INCOME*</u>	
1400 Fat hogs - 200# each @ 20.50/cwt	57,400
2 Boars - 500# each @ \$9/cwt	90
23 Sows - 450# each @ \$13/cwt	1,345
TOTAL INCOME	\$58,835

*Prices effective January 22, 1968, Visalia, California

Source: Modified from Tulare County Cost Studies: R. F. Miller and B. B. Burlingame
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