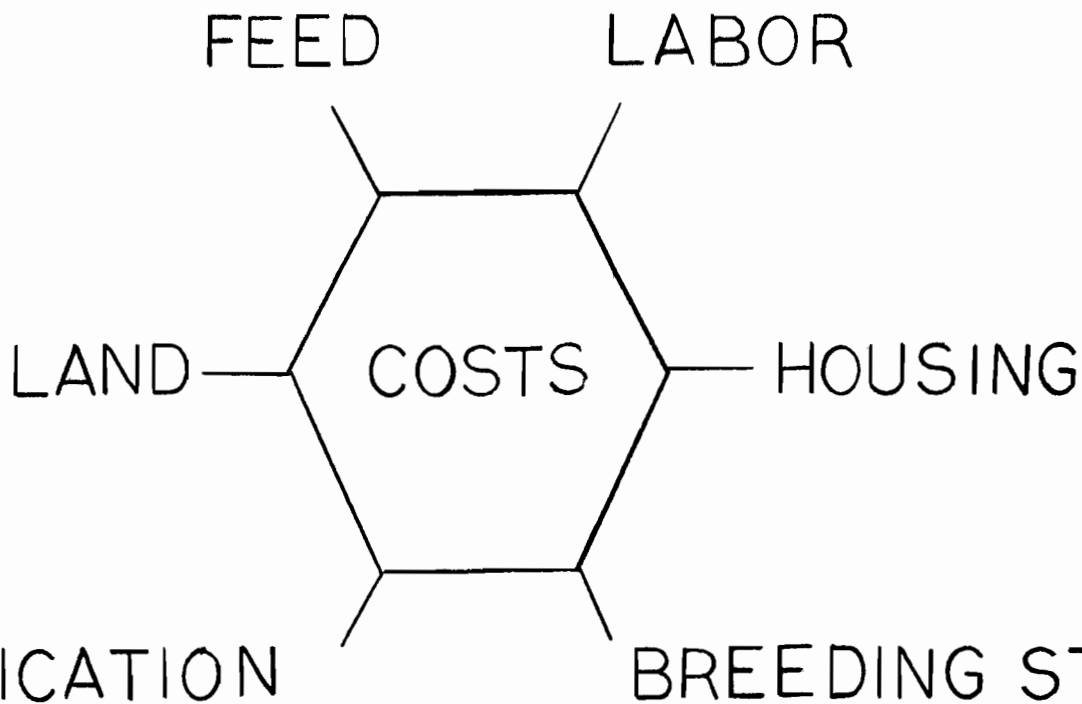


SWINE PRODUCTION SAMPLE COSTS



UNIVERSITY OF CALIFORNIA
AGRICULTURAL EXTENSION SERVICE
TULARE COUNTY

SWINE PRODUCTION SAMPLE COSTS

This publication was prepared as a result of the increased interest in the complete confinement system of hog production. Under this system, sows and gilts farrow year around instead of seasonally. A minimum acreage of land is involved, although housing and facilities are more expensive. As a result, increased efficiency is expected if competent management exists. It is necessary to produce a large volume of hogs for efficient use of labor and facilities. Confinement production of swine, therefore, becomes a business in itself rather than a sideline enterprise.

The costs developed in this study were based on a 100-sow unit producing fat hogs. A 2 percent mortality was assumed except for unweaned pigs. The sows produced 1.9 litters per year with 7.5 pigs per litter being marketed as fat hogs or kept as replacement gilts. Twenty-five percent of the sows and two boars were replaced yearly. The boars were purchased while the gilts were selected at 175 lbs. from the fattening pen. They were placed on a lighter ration, grown out and bred at 7½ months weighing 250 lbs. Rations used agreed with the recommendations of the National Research Council with a 40 percent protein supplement being supplied.

Grateful acknowledgement is made to Horace Strong, Extension Livestock Specialist; Dr. Hubert Heitman, Swine Specialist, University of California; Roy Sharp, California Farm Bureau Marketing Association; and Bill Silveira, Tulare County hog producer, for their help in the preparation of this publication.

FEED REQUIREMENTS FOR 100-SOW FAT HOG ENTERPRISE

No.	Class	No. Days	Daily Ration		Total Per Head		Total For Class		
			Pounds Grain	Pounds Supplement	Pounds Grain	Pounds Supplement	Pounds Grain	Pounds Supplement	
5	450# Boars	365	6.20	1.00	2263	365	11,315	1,825	
75	Adult Sows Post Weaning & Pregnancy	259	6.30	1.20	1632	311	122,400	23,325	
	Lactation	106	10.00	2.50	1060	265	79,500	19,675	
25	300-400# 2nd Litter Gilts Post Weaning & Pregnancy	130	5.75	1.00	747	130	18,675	3,250	
	Lactation	53	9.75	2.25	517	119	12,925	2,975	
25	175-300# Replacement Gilts Growth & Pregnancy	200	5.00	1.00	1000	200	25,000	5,000	
	Lactation	56	8.50	2.25	476	126	11,900	3,150	
	Creep feed at 150#/litter - 190 litters								28,500
1454	35-75# Weaners 1#/hd/da Gain	40	2.30	.90	92	36	133,768	52,344	
1436	75-125# Market Pigs 1.6#/hd/da Gain	31	4.10	1.20	127	37	182,372	53,132	
1428	125-175# Market Pigs 1.8#/hd/da Gain	28	5.58	1.22	156	34	222,768	48,552	
1400	175-200# Market Pigs 1.8#/hd/da Gain	14	6.00	1.25	84	18	117,600	25,200	
						Total	938,223	267,128	
						3% Waste	28,147	8,013	
						Total Feed	966,370	275,141	

EXPENSES

	<u>100 Sows</u>	<u>Per Sow</u>	<u>Per CWT Pork</u>
Grain - 483.2 Tons @ \$50/Ton	\$24,160	\$241.60	\$ 8.31
Protein Supplement - 122.9 Tons @ \$90/Ton	11,061	110.61	3.80
Creep Feed - 14.7 Tons @ \$110/Ton	<u>1,617</u>	<u>16.17</u>	<u>.56</u>
Total	\$36,838	\$368.38	\$12.67
50 Hours/Sow			
Labor - 5000 Hours @ \$1.50/Hour	\$ 7,500	\$ 75.00	\$ 2.58
Two Replacement Boars	300	3.00	.10
Veterinarian, Medicine & Disinfectants	2,000	20.00	.69
Taxes and Insurance	1,000	10.00	.34
Interest on Operating Capital	600	6.00	.21
Auto., Office and Misc. Expense	1,000	10.00	.34
Water and Electricity	600	6.00	.21
Total Cash & Labor Costs	\$49,838	\$498.38	\$17.14

<u>Investment</u>	<u>Total</u>	<u>Interest</u>	<u>Depreciation</u>
Land 4 Acres	\$ 2000	\$ 120	\$ -
16-Stall Farrowing House	7000	210	350
20-Pen Nursery Unit	5000	150	250
16-Pen Fattening Unit	6000	180	300
Dry Sow & Boar Pens	2500	75	125
Feeders & Waterers	1650	50	165
Feed Storage	1000	30	50
Breeding Stock	<u>7000</u>	<u>420</u>	<u>-</u>
Total	\$32150	\$1235	\$1240

	<u>100 Sows</u>	<u>Per Sow</u>	<u>Per CWT Pork</u>
Total Depreciation	\$ 1,240	\$ 12.40	\$.43
Total Interest	1,235	12.35	.43
Total Cash & Labor	<u>49,838</u>	<u>498.38</u>	<u>17.14</u>
TOTAL COST	\$52,313	\$523.13	\$17.99

<u>Total Sales</u>	<u>Total Pounds</u>
1400 Fat Hogs at 200#/Each	280,000#
1.9 Boars at 500#/Each	950#
23 Sows at 450#/Each	<u>10,350#</u>
	291,300
Less 2 Boars Purchased @ 250#	<u>- 500</u>
Net Pork Production	290,800 = 2908 lbs. per sow

<u>Per 100 Lbs. Pork</u>			<u>Per Sow</u>		
Grain	Supplement	Total	Grain	Supplement	Total
332#	95#	427#	9,664#	2,751#	12,415#

These sample costs were prepared by B. B. Burlingame,
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