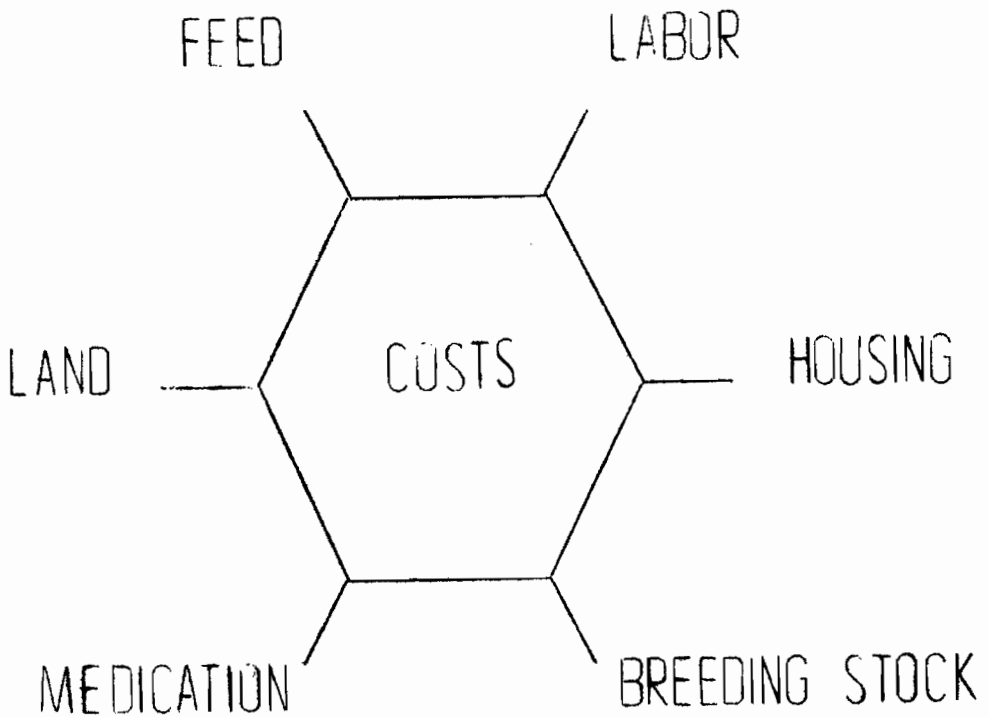


✓ SWINE PRODUCTION SAMPLE COSTS



UNIVERSITY OF CALIFORNIA
AGRICULTURAL EXTENSION SERVICE
TULARE COUNTY

These sample costs were prepared by B. B. Burlingame,
Extension Farm Management Specialist; and Robert F. Miller,
Tulare County Farm Advisor.

4/28/60 - 250 copies
bld

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% 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% 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	19,875
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
11454	35-75# Weaners 1#/hd/da Gain	40	2.30	.90	92	36	133,768	52,344
11436	75-125# Market Pigs 1.6#/hd/da Gain	31	4.10	1.20	127	37	182,372	53,132
11428	125-175# Market Pigs 1.8#/hd/da Gain	28	5.58	1.22	156	34	222,768	48,552
11400	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	1,617	16.17	.56
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	7000	420	-
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	.42
Total Cash & Labor	49,838	498.38	17.14
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	10,350#
	<u>291,300</u>
Less 2 Boars Purchased @ 250#	- 500
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#	9,661#	2,751#	12,415#