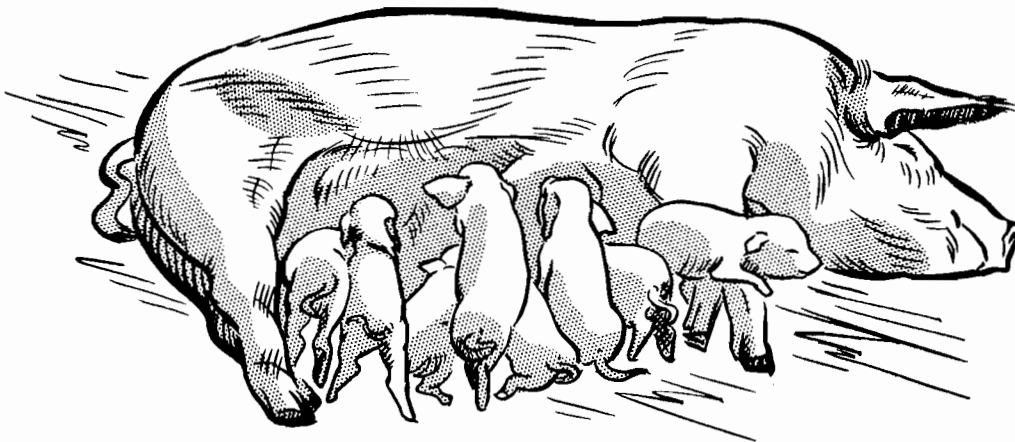


*Costed prod
Stocks*

SWINE PRODUCTION COSTS

Feed	Labor	Land	
Medication	Breeding Stock	Housing	

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SWINE PRODUCTION SAMPLE COSTS - CONFINEMENT SYSTEM - 1968

This publication was prepared as a result of increased interest in confinement production of swine. Under this system, sows and gilts farrow year around. A minimum acreage of land is involved with housing and facilities requiring the major investment.

To be successful, this system of production requires high quality management and a large volume of hogs must be produced for efficient use of labor and facilities. Confinement production of swine, therefore, becomes a business in itself rather than a sideline enterprise.

The costs in this study were based on a 100-sow unit marketing fat hogs. The following assumptions were made:

1. Mortality was placed at 2%, except for unweaned pigs.
2. The level of production was 1.9 litters per year with 7.25 pigs per litter being marketed or saved as replacement gilts.
3. Annual replacement of breeding stock was figured at 30% of the 100-sow herd plus two boars.
4. Boars were purchased while replacement gilts were selected from the fattening pen at 200 lbs. and placed on a growing ration until they reached eight and a half months, at which time they were bred.

Rations used met the recommendations of the National Research Council assuming a 40 percent protein level in the supplement and a 9 percent protein level in the grain.

*Grateful acknowledgement is made to Gerald Steiner and Bill Silveira, Tulare County swine producers, whose actual costs substantiated the costs developed in this study.

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
7	450# Boars	365	6.20	1.00	2263	365	15,841	2,555
65	Adult Sows Post Weaning & Pregnancy	259	6.25	1.25	1619	324	105,235	21,060
	Lactation	106	10.75	1.75	1140	185	74,100	12,025
30	300-400# 2nd litter Gilts Post Weaning & Pregnancy	130	5.50	1.30	715	169	21,450	5,070
	Lactation	53	10.00	2.00	530	106	15,900	3,180
30	200-300# Replacement Gilts Growth & Pregnancy	200	5.00	1.00	1000	200	30,000	6,000
	Lactation	56	8.75	2.00	490	112	14,700	3,360
	Creep feed at 100#/litter	- 190 litters						19,000
1404	35-75# Weaners 1#/hd/da Gain	40	2.45	.75	98	30	137,592	42,120
1395	75-125# Market Pigs 1.6#/hd/da Gain	31	4.40	.90	136	28	189,720	39,060
1386	125-175# Market Pigs 1.7#/hd/da Gain	29	5.80	.90	168	26	232,848	36,036
1377	175-200# Market Pigs or Replacement Gilts 1.9#/hd/da Gain	13	6.75	.75	88	10	<u>121,176</u>	<u>13,770</u>
					Total		958,562	203,236
					5% Waste		+ 47,928	10,162
					Total Feed		<u>1,006,490</u>	<u>213,398</u>

EXPENSES

	<u>100 Sows</u>	<u>Per Sow</u>	<u>Per CWT Pork</u>
Grain - 503½ Tons @ \$52/Ton	\$26,169	\$261.69	\$ 9.26
Protein Supplement - 96.7 Tons @ \$110/Ton	10,637	106.37	3.77
Creep Feed - 10.0 Tons @ \$107/Ton	<u>1,070</u>	<u>10.70</u>	<u>.38</u>
Total Feed	\$37,876	\$378.76	\$13.41
30 Hours/Sow			
Labor - 3,000 Hours @ \$1.85/Hour (includes comp. ins. & Soc. Sec.)	\$ 5,550	\$ 55.50	\$ 1.96
Two Replacement Boars	250	2.50	.09
Veterinarian, Medicine & Disinfectants	1,400	14.00	.50
Taxes	900	9.00	.32
Interest on Operating Capital	600	6.00	.21
Auto., Office and Misc. Expense	300	3.00	.11
Water and Electricity	800	8.00	.28
Supplies & Repairs	<u>1,000</u>	<u>10.00</u>	<u>.35</u>
Total Cash & Labor Costs	\$48,676	\$486.76	\$17.23

<u>Investment</u>	<u>Total</u>	<u>Interest</u>	<u>Depreciation</u>
Land - 4 Acres	\$ 2,000	\$ 120	\$ -
Well & Pressure System	2,000	60	200
16-Stall Farrowing House	9,000	270	450
20-Pen Nursery Unit	6,000	180	300
16-Pen Fattening Unit	7,000	210	350
Dry Sow & Boar Pens	2,500	75	250
Feeders & Waterers	1,500	45	300
Feed Storage	1,000	30	50
Breeding Stock	<u>7,000</u>	<u>420</u>	<u>-</u>
Total	\$38,000	\$1,410	\$1,900

	<u>100 Sows</u>	<u>Per Sow</u>	<u>Per CWT Pork</u>
Total Depreciation	\$ 1,900	\$ 19.00	\$.67
Total Interest	1,410	14.10	.50
Total Cash & Labor	<u>48,676</u>	<u>486.76</u>	<u>17.23</u>
Total Cost	\$51,986	\$519.86	\$18.40

<u>Total Sales</u>	<u>Total Pounds</u>
1347 Fat Hogs at 200#/each	269,400#
1.9 Boars at 500#/each	950#
28 Sows at 450#/each	<u>12,600#</u>
	282,950
Less 2 Boars Purchased @ 250#	<u>- 500</u>
Net Pork Production	282,450 = 2825 lbs. per sow

<u>Per 100 Lbs. Pork</u>		<u>Total</u>	<u>Per Sow</u>		<u>Total</u>
<u>Grain</u>	<u>Supplement</u>		<u>Grain</u>	<u>Supplement</u>	
356#	76#	432#	10,065#	2,134#	12,199#

These sample costs were prepared by B. B. Burlingame,
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Tulare County Farm Advisor.

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mch