

MERCED COUNTY SWINE PRODUCTION COSTS INDEX  
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9: \*\*\*\*\*  
 10: INFORMATION INPUT Review each entry under "Quantity", if the entry differs from your value change it.  
 11: All values under "Quantity" will be used in the calculations.  
 12: If a value or input does not apply enter a 0 (Zero).  
 13: NOTE!! Hit the ! three times to re-calculate the worksheet.

	Quantity	Unit		Quantity	Unit
17: Sow Herd----->	100	Head	Investment Costs		
18: Litters/Sow----->	2.2	Litters	Land----->	5	Acres
19: Litters/Gilt----->	2	Litters		2500	\$/Acre
20: Pigs/Litter----->	9	Pigs	Site Preparation----->	2500	Dollars
21: Death Loss			Water System----->	10000	Dollars
22: Sows----->	2	Percent	Farrowing House----->	25	Crates
23: Birth to Weaning---->	10	Percent		1250	\$/Crate
24: Weaning to 40 lbs---->	3	Percent	Early Wean House----->	8000	Dollars
25: 40 lbs to 220 lbs---->	1.5	Percent	Growing Unit----->	12500	Dollars
26: Sow Cull Rate----->	30	Percent	Finishing Unit----->	22000	Dollars
27: Gilt Cull Rate----->	15	Percent	Sow & Boar Pens----->	10000	Dollars
Number of Boars----->	6	Head	Waste Disposal System-->	7500	Dollars
Boars Culled Per Year-->	2	Head	Breeding Stock----->	20000	Dollars
30: Cost of Repl. Boars---->	350.00	Dollars	Depreciation, ___ Yrs---->	10	Years
31: Feed Costs			Roaster/Feeder Pigs		
32: Milled Feed----->	184.00	\$/Ton	Sold----->	0	Pigs
33: Creep Feed----->	260.00	\$/Ton	Selling Weights		
34: Starter Feed----->	226.00	\$/Ton	Roaster/Feeder Pigs---->	95	Pounds
35: Daily Feed Requirements			Market Pigs----->	220	Pounds
36: Boars----->	8	Pounds	Cull Sows----->	400	Pounds
37: Adult Sows			Cull Gilts----->	300	Pounds
38: Gestation----->	7	Pounds	Cull Boars----->	400	Pounds
39: Lactation----->	11	Pounds	Selling Prices - \$/CWT		
40: 2nd Litter Gilts			Roaster/Feeder Pig		
41: Gestation----->	7	Pounds	Premium - \$/CWT----->	20.00	\$/CWT
42: Lactation----->	11	Pounds	Market Pigs----->	53.00	\$/CWT
43: Replacement Gilts			Cull Sows----->	44.00	\$/CWT
44: Growth/Gestation-->	7	Pounds	Cull Gilts----->	44.00	\$/CWT
45: Lactation----->	10.5	Pounds	Cull Boars----->	25.00	\$/CWT
46: Creep Feed/Litter---->	20	Pounds	Operator's Labor, \$ ---->	18000.00	Hours
47: Weaners- 20-40 lbs-->	2	Pounds	Hired Labor----->	0	Hours
48: .55 ADG			(Incl. Benefits)----->		\$/Hour
49: Mkt Pigs- 40-70 lbs-->	3.3	Pounds	Supplies & Repairs----->	2600.00	Dollars
50: 1.00 ADG			Veterinary Services----->	200.00	Dollars
51: Mkt Pigs- 70-100 lbs->	4.25	Pounds	Vaccine & Medicine----->	1500.00	Dollars
52: 1.25 ADG			Utilities----->	2050.00	Dollars
Mkt Pigs/Replacement			Commission----->	2	Percent
Gilts- 100-220----->	6	Pounds	Trucking----->		Dollars
55: 1.75 ADG			Pickup, Office & Misc---->	1720.00	Dollars
56:			Interest		
57:			Operating Capital----->	13.5	Percent
58:			Investment----->	11	percent
59:			Insurance----->	840.00	Dollars
60:			Taxes----->	1140.00	Dollars

ANNUAL FEED REQUIREMENTS						
Class	Number	Number Days	Milled Feed Per Hd/Day Pounds	Milled Feed Per Hd/Yr Pounds	Milled Feed Total-Class Pounds	
67: 450 Pound Boars	6	365	8	2920	17520	
68: Adult Sows--						
69: Gestation	69	287	7	2009	137817	
70: Lactation	69	78	11	858	58859	
71: 2nd Litter Gilts						
72: Gestation	31	129	7	903	27716	
73: Lactation	31	35	11	385	11817	
74: Replacement Gilts						
75: Growth/Gestation	36	166	7	1162	41960	
76: Lactation	31	35	10.5	368	11280	
77:						
78: TOTAL - Breeding Herd					306969	Pounds
79:					153	Tons
80:						
81:				Lbs/Litter	Creep Feed	
82: Nursing Litters/Year	212	28		20	4246.14	
83: Weaners - 20-40 lbs.				*****	Starter Feed	
84: Av. Daily Gain====>	.55	1729	36	2	73	127656
85: Mkt Pigs - 40-70 lbs.					*****	
86: Av. Daily Gain====>	1.00	1720	30	3.3	99	170698
87: Mkt Pigs - 70-100 lbs.						
88: Av. Daily Gain====>	1.25	1711	24	4.25	102	174991
89: Mkt Pigs/Replacement						
90: Gilts - 100-220lbs.						
91: Av. Daily Gain====>	1.75	1703	69	6	411	700556
92:						
93: TOTAL - Growing Pigs					1046245	Pounds
94:					523	Tons
95:						
96: TOTAL - Entire Herd					1353214	Pounds
97: Total Feed per Pound of Pork Sold		3.91	Pounds		677	Tons
98:						
99: INVESTMENT COSTS	Unit	Quantity	Price or Cost/Unit	Value		
100:						
101:						
102: Land	acres	5	2500	12500		
103: Site Preparation				2500		
104: Water system				10000		
105: Farrowing House	crates	25	1250	31250		
106: Early Wean House				8000		
107: Growing Unit				12500		
108: Finishing Unit				22000		
109: Sow & Boar Pens				10000		
110: Waste Disposal System				7500		
111: Breeding Stock				20000		
112:						
113: TOTAL INVESTMENT				136250		
Investment per Sow				1363		

	A	B	C	D	E	F	G	H	I	J	K
117	MERCED COUNTY SWINE PRODUCTION COSTS										
118	Jim Farley - Livestock Farm Advisor										
119	University of California Cooperative Extension										
120	Merced County - February, 1984										
121	Copyright(c) The Regents of the University of California 1984										
122	*****										
123	GROSS RECEIPTS	Wt/	Unit	Quantity	Price	Gross	% of	\$/CWT	\$/		
124		Head			Cost/Unit	Receipts	Total	Sold	SOV		
125	=====										
126	Roaster or Feeder Pigs	95	Lbs.	0	73.00	.00 *	.00	.00	0		
127	Market Pigs	220	Lbs.	1667	53.00	194329.21 *	97.02	51.17	1943		
128	Cull Sows	400	Lbs.	29	44.00	5174.40 *	2.58	1.36	52		
129	Cull Gilts	300	Lbs.	5	44.00	594.00 *	.30	.16	6		
130	Cull Boars	400	Lbs.	2	25.00	200.00 *	.10	.05	2		
131											
132	TOTAL POUNDS PORK SOLD	379769									
133	TOTAL GROSS					200297.61 *	100.00	52.74	2003		
134	=====										
135	OPERATING COSTS		Quantity	Unit	Price	Cost					
136					/Unit						
137	-----										
138	Feed Costs										
139	Milled Feed		676.61	Tons	184.00	124495.70 *	61.77	32.78	1245		
140	Creep Feed		2.12	Tons	260.00	552.00 *	.27	.15	6		
141	Starter Feed		63.83	Tons	226.00	14425.13 *	7.16	3.80	144		
142											
143	TOTAL FEED COSTS					139472.83 *	69.20	36.73	1395		
144	-----										
145	Other Operating Costs		Quantity	Unit	\$ Per	Cost					
146					Pig Mkt'd						
147	-----										
148	Operator's Labor				10.80	18000.00 *	8.93	4.74	180		
149	Labor, Hired		0	Hours	.00	.00 *	.00	.00	0		
150	Supplies & Repairs				1.56	2600.00 *	1.29	.68	26		
151	Veterinary Services				.12	200.00 *	.10	.05	2		
152	Vaccine & Medicine				.90	1500.00 *	.74	.39	15		
153	Utilities				1.23	2050.00 *	1.02	.54	21		
154	Commission		2	Percent	2.40	4005.95 *	1.99	1.05	40		
155	Trucking				.00	0 *	.00	.00	0		
156	Replacement Stock		2	Boars	350.00	700.00 *	.35	.18	7		
157	Auto, Office & Misc.				1.03	1720.00 *	.85	.45	17		
158											
159	OTHER OPERATING COSTS					30775.95 *	15.27	8.10	308		
160	TOTAL OPERATING COSTS					170248.78 *					
161	=====										
162	FIXED COSTS					Cost					
163	-----										
164	Interest on Op. Costs		13.5	Percent	170249	5223.54 *	2.59	1.38	52		
165	Interest on Investment		11	Percent	136250	14987.50 *	7.44	3.95	150		
166	Insurance					840.00 *	.42	.22	8		
167	Taxes					1140.00 *	.57	.30	11		
168	Depreciation				101250	9112.50 *	4.52	2.40	91		
169											
170	TOTAL FIXED COSTS					31303.54 *	15.53	8.24	313		
171	=====										
172	SUMMARY OF COSTS										
173	TOTAL FEED COSTS					139472.83 *	69.20	36.73	1395		
174	TOTAL OTHER OPERATING COSTS					30775.95 *	15.27	8.10	308		
175	TOTAL FIXED COSTS					31303.54 *	15.53	8.24	313		
176											
177	TOTAL COSTS					201552.32 *	100.00	53.07	2016		
178	TOTAL COST(dollars)PER POUND OF PORK					.53 *					
179	TOTAL COST(cents)PER POUND OF PORK					53.07 *					
180											
181	INCOME OVER COSTS					-1254.71 *					
182	INCOME PER POUND OF PORK					.00 *					
183	INCOME PER HEAD MARKETED					-.75 *					
184											
185	*****										
186	Copyright(c) The Regents of the University of California 1984										