

Utah State University  
 Extension Economics  
 Enterprise Budget for 300 Sow Farrow to Finish Operation, Utah, 1998

	Number	Units	Weight	Price per Unit	Total Value	Value per Sow	Value per pound of carcass	Yield Value
						.....Dollars.....		
<b>Returns:</b>								
Slaughter Hogs (carcass weight)	5,411	Pound	180	0.48	467,510.40	1,558.37	0.48	
Cull Sows	81	Pound	400	0.35	11,340.00	37.80	0.01	
Cull Boars	7	Pound	450	0.27	850.50	2.84	0.00	
Total Returns					479,700.90	1,599.00	0.49	
<b>Operating Costs:</b>								
<b>Feed</b>								
Lactation	2,115	Cwt		7.5	15,862.50	52.88	0.02	
Gestation	4,914	Cwt		7	34,398.00	114.66	0.04	
Boar Feed	438	Cwt		7.1	3,109.80	10.37	0.00	
Baby Pig	272	Cwt		25	6,800.00	22.67	0.01	
Starter	3,305	Cwt		8.5	28,092.50	93.64	0.03	
Finisher	35,472	Cwt		8.5	301,512.00	1,005.04	0.31	
Marketing/hauling	5,499	Hog		2	10,998.00	36.66	0.01	
Utilities		1per sow		45	13,500.00	45.00	0.01	
Vet & Medicine		1per sow		5	1,500.00	5.00	0.00	
Semen		1per sow		8	2,400.00	8.00	0.00	
Machinery (fuel, lube & repair)		1per sow		11	3,300.00	11.00	0.00	
Vehicles (fuel & repair)		1per sow		12	3,600.00	12.00	0.00	
Equipment repair		1per sow		13	3,900.00	13.00	0.00	
Housing repair		1per sow		75	22,500.00	75.00	0.02	
Hired Labor	4,000	Hour		9	36,000.00	120.00	0.04	
Interest on Operating Capital	33,383	per herd	@ 10%		3,338.30	11.13	0.00	
Miscellaneous		1per sow		10	3,000.00	10.00	0.00	
Total Operating Costs					493,811.10	1,646.04	0.51	
<b>Ownership Costs:</b>								
<b>Depreciation and Interest</b>								
Breeding Livestock		1per sow		6.5	1,950.00	6.50	0.00	
Housing and Improvements		1per sow		275	82,500.00	275.00	0.08	
Machinery		1per sow		15	4,500.00	15.00	0.00	
Equipment and Vehicles		1per sow		60	18,000.00	60.00	0.02	
Total Ownership Costs					106,950.00	356.50	0.11	
Total Costs					600,761.10	2,002.54	0.62	
<b>Net Returns to Owner for Labor, Management and Equity</b>								
Above Operating Expenses					(14,110.20)	(47.03)	(0.01)	
Above Total Costs					(121,060.20)	(403.53)	(0.12)	
<b>Assumptions:</b>								

		Feed	Days	Pounds/head per day
Number of Sows	300			
Pigs per litter	9	Lactation	53	13.30
Litters per year	2	Gestation	312	5.25
Death rate		Boar Feed	365	6.00
Pigs	15.00%	Baby Feed	21	0.20
Sows	3.00%	Starter	40	1.50
Boars	2.00%	Finisher	140	4.60
Replacement rate				
Sows	30.00%			
Boars	33.00%			
Number of sows per boar	15			
Slaughter hogs sold on carcass weight basis (weight and grade)				
Number of sows is stable				

Budget prepared by: E. Bruce Godfrey and Heven Hendricks with input from Utah producers. Adapted from budget prepared at Utah State University, Idaho (EBB-SW1-98).