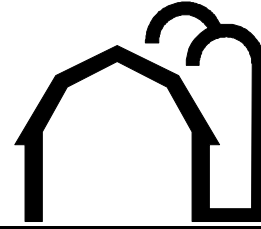


CLEMSON UNIVERSITY COOPERATIVE EXTENSION SERVICE

Department of Agricultural and Applied Economics

# ENTERPRISE BUDGET



CLEMSON UNIVERSITY FARROW-FINISH SYSTEM, COMPLETE CONFINEMENT BUDGET.  
SC Swine Farrow-Finish Early Wean System; 1996 ASSUMPTIONS.

\*\* INPUT BUDGET INFORMATION AND GENERAL ASSUMPTIONS \*\*

No. Of Sow Groups:	4	:	Gest Feed/Head/Day:	5.0
Days Farrow Interval	1	:	Lact Feed/Head/Day:	12.0
Total No Farr Crates	20	:	Fin. Lb Feed/Lb Gn:	3.14
Total Sows/Gilts:	115	:	Avg Feed Cost/Ton :	\$174.73
Producing Sows:	80	:	Grain- \$/Bu.:	\$3.65
Boars:	6	:	Prot Supp-\$/Lb.:	\$0.12
Annual Repl. Gilts:	15	:	Premix- \$/Lb.:	\$0.32
Avg Sows Farr/Month:	16.9	:	Creepfeed-\$/Lb.:	\$0.20
Pct Concept. Rate:	80.0	:	Lb Feed/Lb Pork:	3.21
Pigs Sold/Litter:	8.5	:	Bldg/Equip Invest:	\$112,750
Total Pigs Produced:	1724	:	Avg New Invest/Sow:	\$1,409
Yr Market Hogs Sold:	1508	:	Avg New Inv/Crate:	\$5,638
Market Hog Weight:	230	:	Litters/Sow/Year:	2.03
Yr Cwt Hogs Sold:	3468.4	:	Pigs Prod/Sow/Year:	17.2
Yr Head Sows Sold:	14	:	Total Litters/Yr:	203
Yr Head Boars Sold:	3	:	Pigs Prod/Crate/Yr:	86.2
Yr Head BBQ's Sold:	34	:	Value Prod./Sow:	\$1,555
Yr Hd Fdr Pigs Sold:	167	:	Hr Labor/Cwt Prod.:	0.76

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**BUDGET INFORMATION**	OUR	YOUR	/HEAD	/CWT	TOTAL	SECTION
ITEM	ESTIMATE	ESTIMATE	SOLD	SOLD	AMOUNT	PERCENT
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GROSS RECEIPTS FROM PRODUCTION:						
Market Hogs ;\$/Cwt:	\$42.00	_____	\$96.60	\$42.00	\$145,673	93.7%
Feeder Pigs ;\$/Hd.:	\$33.75	_____	---	---	\$5,636	3.6%
Sows ;\$/Cwt:	\$27.00	_____	---	---	\$1,701	1.1%
Boars ;\$/Cwt:	\$25.00	_____	---	---	\$338	0.2%
BBQ's ;\$/Hd.:	\$63.00	_____	---	---	\$2,142	1.4%
TOTAL RECEIPTS:	_____	_____	\$103.11	\$44.83	\$155,490	100.0%
=====						
VARIABLE COSTS:						
Vet/Medicine ;\$/hd:	\$1.300	_____	\$1.30	\$0.57	\$1,960	1.5%
Utilities/fuel ;\$/hd:	\$2.870	_____	\$2.87	\$1.25	\$4,328	3.4%
Transportation ;\$/hd:	\$0.550	_____	\$0.55	\$0.24	\$829	0.6%
Supplies/Misc ;\$/hd:	\$1.040	_____	\$1.04	\$0.45	\$1,568	1.2%
Labor ;hrs/sow:	32.9	_____	\$7.59	\$3.30	\$11,449	8.9%
Repairs;% Bldg/Equip:	3.0	_____	\$2.24	\$0.98	\$3,383	2.6%
TOTAL NON-FEED VAR. COSTS:	_____	_____	\$15.60	\$6.78	\$23,518	18.3%
Feed:						
Grain (bu.):	15365	_____	\$37.19	\$16.17	\$56,083	43.7%
Protein Suppl(lb.):	204000	_____	\$16.23	\$7.06	\$24,480	19.1%
Premix (lb.):	36111	_____	\$7.66	\$3.33	\$11,555	9.0%
Creepfeed (lb.):	45240	_____	\$6.00	\$2.61	\$9,048	7.1%
Total Feed (lb.):	1157971	_____	\$67.09	\$29.17	\$101,166	78.9%
Int Op Cap(1/2 8 mon):	8.5%	_____	\$2.34	\$1.02	\$3,533	2.8%
TOTAL VARIABLE COSTS:	_____	_____	\$85.02	\$36.97	\$128,217	100.0%
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INCOME ABOVE VARIABLE COSTS:			_____	_____	\$27,273	
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FIXED COSTS:						
Ann Bld/Eqp/Lvstk Dep:	\$7,376	_____	\$4.89	\$2.13	\$7,376	57.9%
Ann Interest on Invst:	\$4,792	_____	\$3.18	\$1.38	\$4,792	37.6%
Ann Insurance, Taxes :	\$564	_____	\$0.37	\$0.16	\$564	4.4%
TOTAL FIXED COSTS :	_____	_____	\$8.44	\$3.67	\$12,731	100.0%
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TOTAL OF ABOVE COSTS:			_____	_____	\$140,948	
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RETURNS TO LAND, MGT, RISK			_____	_____	\$14,542	
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OTHER COSTS:						
Farm Ovhd, % Var Cost:	3.0	_____	\$2.55	\$1.11	\$3,847	29.3%
Mgt Charge,% Var Cost:	7.0	_____	\$5.95	\$2.59	\$8,975	68.4%
Land Cost; (Total \$):	10000	_____	\$0.20	\$0.09	\$300	2.3%
TOTAL OTHER COSTS :	_____	_____	\$8.70	\$3.78	\$13,122	100.0%
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RETURNS TO RISK			_____	_____	\$1,420	
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BREAKEVEN PRICE, ALL COSTS:			_____	_____	\$102.17	\$44.42
BREAKEVEN PRICE, VAR. COSTS:			_____	_____	\$85.02	\$36.97

FEED ASSUMPTIONS:	GRAIN-BU	SUPP-LB	PREMIX	CREEPFD	HERD FEED
BOAR, GILT, GESTATION	1.88	25.90	4.10	0.00	141270
LACTATION, MONTH 1	5.41	51.94	10.97	0.00	74190
LACTATION, MONTH 2	2.47	30.24	5.25	0.00	35245
PIGS, MONTH 1	0.00	0.00	0.00	15.00	25854
PIGS, MONTH 2	0.69	13.60	2.80	15.00	120722
PIGS, MONTH 3	1.54	22.71	4.54	0.00	176424
PIGS, MONTH 4	1.80	26.49	5.30	0.00	205828
PIGS, MONTH 5	2.55	23.77	3.41	0.00	263767
PIGS, MONTH 6 (PART)	0.99	16.20	2.32	0.00	114670
TOTALS	15365	204000	36111	45240	1157971

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INVESTMENT AND FIXED COST ESTIMATES

Item	Units/ Number	Per Unit Value	New Invest.	Salvage Value	Years Of Life	Annual Deprec.
Land:	20	500	10000	---	--	--
Sows:	80	225	18000	18000	0	0
Repl. Gilts:	15	165	2475	2475	0	0
Boars:	6	400	2400	1608	4	198
Buildings:	1	68800	68800	6880	15	4128
Feeding Equip.:	1	6040	6040	604	5	1087
Mill and Auger:	1	9590	9590	959	10	863
Grain Bins:	1	11820	11820	1182	15	709
Lagoon:	1	4860	4860	486	15	292
Fence, Water:	1	1640	1640	164	15	98
Total Investment & Depreciation:		\$	135625	22083		\$ 7376
Interest on Investment : (Avg. Investment times Int. Rate) .....						\$ 4792
Taxes and Insurance : (Avg. Investment times 0.001 ).....						\$ 564
Total Annual Fixed Cost : .....						\$ 12731
Total Annual Fixed Cost Per Sow Farrowed : .....						\$ 127

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