



AGRICULTURAL ALTERNATIVES

Instructions for using the interactive budgets

You will need Adobe Acrobat Reader to use these forms. If you do not have this program installed on your computer, you can download a free version [here](#).

You can make changes to the interactive PDF budget files for this publication by inputting your own prices and quantities in the green-outlined cells for any item. You will need to click on and add your own estimated price and quantity information to all of the green-outlined cells to complete your customized budget.

The cells outlined in red automatically calculate your revised totals based on the changes you made to the cells outlined in green.

When you are finished, you can print the budget using the green **Print Form** button at the bottom of the form.

You can use the red **Clear Form** button to clear all the information from your budget when you are finished.

extension.psu.edu/ag-alternatives

This publication is available in alternative media on request.

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Sample Farrow-to-Feeder Swine Budget

Twenty sows weaning nine pigs per litter at 28 days and 2.3 litters per sow per year at a market weight of 50 pounds.

	Industry Average	Your Estimate
Number of sows	20	_____
Pigs sold/litter	9	_____
Litters/sow/year	2.3	_____
Sale Weight	50	_____
Feeder price (\$/cwt live)	\$130.00	_____
Cull sow price (\$/cwt live)	\$35.00	_____
Replacement gilt cost/value	\$200.00	_____
Weaning Age (days)	28	_____

Item	Quantity used/sold	Your Quantity used/sold	Unit	Price per cwt. Value	Your Price per cwt. Value	Per Herd	Calculated Estimate
Receipts							
Feeder Pigs (2% death loss) ¹	406	_____	head	\$65.00	_____	\$26,371.80	_____
Cull Sows ²	8	_____	head	\$148.75	_____	\$1,190.00	_____
<i>Total receipts</i>						\$27,561.80	_____

Variable costs	average	your average	days	your days	cost per	your cost	per	Calculated
Pigs to 50 pounds	pounds per pig	pounds per pig	fed	fed	pound	per pound	herd	Estimate
Nursery/Starter Feed (3#/hd/d)	126	_____	42	_____	\$0.13	_____	\$6,645.69	_____
Sows								
Gestation feed (5.5#/hd/d)	1,653	_____	301	_____	\$0.12	_____	\$3,967.92	_____
Lactation Feed (15#/hd/d)	966	_____	64	_____	\$0.13	_____	\$2,511.60	_____
<i>Total feed costs</i>							\$13,125.21	_____

Other variable costs	Quantity	Your quantity	Units	Cost	Your cost	Calculated Estimate
Replacement gilts	8	_____	each	\$200.00	_____	\$ 1,600.00
Vet. and medicine /sow	20	_____	sow	\$20.00	_____	\$ 400.00

Artificial insemination / sow	100		sow	\$20.00		\$4,600.00	
Electricity / month	30		month	\$12.00		\$360.00	
Heating / month	40		month	\$20.00		\$800.00	
Marketing/trucking	406		hog	\$4.00		\$1,622.88	
Truck and tractor / month	50		month	\$20.00		\$1,000.00	
Labor	500		hour	\$13.00		\$6,500.00	
Additional expenses							
Additional expenses							
Interest on operating capital ³				\$458.52		\$458.52	
Total variable costs						\$30,466.61	
Fixed costs ⁴							
Insurance, taxes, and repairs	20		sows	\$18.85		\$ 377.00	
Equipment for sows ⁵	20		sows	\$17.70		\$ 354.00	
Farrowing/nursery buildings ⁶	20		sows	\$39.60		\$ 792.00	
Gestation building ⁶	20		sows	\$19.80		\$ 396.00	
Additional expenses							
Interest on Investment				\$746.39		\$746.39	
Total fixed costs						\$ 2,665.39	
Total costs						\$ 33,132.00	

1. Number of 45 pound pigs raised minus 2% death loss.

2. Based on culling 40% of sows per year at 425 pounds.

3. Calculated at 6% of average variable costs.

4. Fixed costs are based on a 20 sow herd with a 0.5% death loss.

5. Based on the equipment needed divided by 20 sows.

6. Building costs are based on remodeling existing buildings; new construction may cost considerably more.

You should monitor local markets and contact suppliers to determine current prices for all items contained in this sample budget.

Returns over variable costs	(\$2,904.81)	
Net returns to management	(\$5,570.20)	