



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-Finish Swine Budget

Weaning nine pigs per litter and 2.3 litters/sow/year.

| | Industry Average | Your Estimate |
|------------------------------|---------------------|------------------|
| Number of sows | 20 | _____ |
| Pigs sold/litter | 9 | _____ |
| Litters/sow/year | 2.3 | _____ |
| Market Weight | 260 | _____ |
| Market price (\$/cwt live) | \$60.00 | _____ |
| 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 | | | | | | | | |
| Market hogs (5% death loss) ¹ | 393 | _____ | head | \$156.00 | _____ | \$61,354.80 | _____ | |
| Cull Sows ² | 8 | _____ | head | \$255.00 | _____ | \$2,040.00 | _____ | |
| <i>Total receipts</i> | | | | | | <i>\$63,394.80</i> | _____ | |
| Variable costs | | | | | | | | |
| Pigs to 280 pounds | Average pounds per pig | Your average pounds per pig | Days fed | Your days fed | Cost per pound | Your cost per pound | Per herd | Calculated Estimate |
| Nursery/Starter Feed (3#/hd/d) | 126 | _____ | 42 | _____ | \$0.13 | _____ | \$6,442.25 | _____ |
| Grower Feed (5#/hd/d) | 285 | _____ | 57 | _____ | \$0.12 | _____ | \$13,450.86 | _____ |
| Finisher Feed (7#/hd/d) | 385 | _____ | 55 | _____ | \$0.11 | _____ | \$16,656.26 | _____ |
| 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> | | | | | | | <i>\$43,028.89</i> | _____ |
| Other variable costs | | | | | | | | |
| Replacement gilts | Quantity 8 | Your quantity _____ | Units gilts | Cost \$200.00 | Your cost _____ | Total \$1,600.00 | Calculated Estimate _____ | |

| | | | | | | | |
|--|-----|-------|-------|---------|-------|--------------------|-------|
| Vet. and medicine per sow | 20 | _____ | hog | \$20.00 | _____ | \$400.00 | _____ |
| Artificial insemination per sow | 100 | _____ | units | \$20.00 | _____ | \$4,600.00 | _____ |
| Electricity per month | 40 | _____ | sows | \$12.00 | _____ | \$480.00 | _____ |
| Heating per month | 40 | _____ | sows | \$20.00 | _____ | \$800.00 | _____ |
| Marketing/trucking | 393 | _____ | hog | \$10.00 | _____ | \$3,930.00 | _____ |
| Truck and tractor per month | 50 | _____ | hours | \$20.00 | _____ | \$1,000.00 | _____ |
| Labor | 500 | _____ | hour | \$13.00 | _____ | \$6,500.00 | _____ |
| Additional Expenses | | _____ | | | _____ | | _____ |
| Additional Expenses | | _____ | | | _____ | | _____ |
| Interest on operating capital ³ | | | | | | \$531.30 | _____ |
| Total variable costs | | | | | | \$62,873.19 | _____ |
| <hr/> | | | | | | | |
| Fixed costs ⁴ | | | | | | | |
| Insurance, taxes, and repairs | 20 | _____ | sows | \$24.85 | _____ | \$497.00 | _____ |
| Equipment ⁵ | 20 | _____ | sows | \$17.69 | _____ | \$353.80 | _____ |
| Farrowing building ⁶ | 20 | _____ | sows | \$14.85 | _____ | \$297.00 | _____ |
| Gestation building ⁶ | 20 | _____ | sows | \$26.40 | _____ | \$528.00 | _____ |
| Nursery building ⁶ | 20 | _____ | sows | \$39.60 | _____ | \$792.00 | _____ |
| Finisher building ⁶ | 20 | _____ | sows | \$19.80 | _____ | \$396.00 | _____ |
| Additional Expenses | | _____ | | | _____ | | _____ |
| Interest on Investment | | | | | | \$983.99 | _____ |
| Total fixed costs | | | | | | \$3,847.79 | _____ |
| <hr/> | | | | | | | |
| Total costs | | | | | | \$66,720.98 | _____ |

1. Number of 280 pound pigs raised per sow per year.

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 and a 1% 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 | \$521.61 | _____ |
| Net returns to management | (\$3,326.18) | _____ |