
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

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Cooperative Extension
College of Agricultural Sciences

Sample Farrow-to-Feeder Swine Budget

Twenty sows and marketing fifteen market pigs per sow per year.

| Item | Market Weight | Your Weight | Unit | Price | Your Price | Per Sow | Calculated Estimate |
|-----------------------------------|---------------|-------------|--------|----------|------------|-----------|---------------------|
| Receipts | | | | | | | |
| Feeder pigs (1) | 6.37 | _____ | cwt | \$ 80.00 | _____ | \$ 509.60 | _____ |
| Sows (2) | 1.49 | _____ | cwt | \$ 32.00 | _____ | \$ 47.68 | _____ |
| Non-breeders (3) | 1.2 | _____ | cwt | \$ 38.00 | _____ | \$ 45.60 | _____ |
| Boars (4) | 0.1 | _____ | cwt | \$ 20.00 | _____ | \$ 2.00 | _____ |
| <i>Total receipts</i> | | | | | | \$ 604.88 | _____ |
| Variable costs | | | | | | | |
| Pigs to 45 pound | | | | | | | |
| Pre-starter | 75 | _____ | pound | \$ 0.40 | _____ | \$ 30.00 | _____ |
| Corn | 9.75 | _____ | bushel | \$ 2.75 | _____ | \$ 26.81 | _____ |
| SBM and supplement (5) | 300 | _____ | pound | \$ 0.11 | _____ | \$ 33.00 | _____ |
| Sows, gilts, and boars | | | | | | | |
| Corn | 38.63 | _____ | bushel | \$ 2.75 | _____ | \$ 106.23 | _____ |
| SBM and supplement (5) | 547.5 | _____ | pound | \$ 0.11 | _____ | \$ 60.23 | _____ |
| <i>Total feed costs</i> | | | | | | \$ 256.27 | _____ |
| Other variable costs | | | | | | | |
| Vet. and medicine | | | | | | \$ 15.00 | _____ |
| Boar purchase | | | | | | \$ 9.00 | _____ |
| Electricity | | | | | | \$ 11.25 | _____ |
| Supplies | | | | | | \$ 7.50 | _____ |
| Heating | | | | | | \$ 18.00 | _____ |
| Marketing | | | | | | \$ 15.00 | _____ |
| Truck and tractor | | | | | | \$ 26.25 | _____ |
| Labor | 15 | _____ | hour | \$ 8.00 | _____ | \$ 120.00 | _____ |
| Miscellaneous | | | | | | \$ 11.25 | _____ |
| Interest on operating capital (6) | | | | | | \$ 24.48 | _____ |
| <i>Total variable costs</i> | | | | | | \$ 514.00 | _____ |

Fixed costs

| | | |
|-------------------------------|----|-------|
| Insurance, taxes, and repairs | \$ | 5.20 |
| Interest on sows (7) | \$ | 14.30 |
| Farrowing building (8) | \$ | 7.93 |
| Gestation building (9) | \$ | 19.03 |
| Nursery building (10) | \$ | 23.79 |
| Real estate (11) | \$ | 2.03 |
| <i>Total fixed costs</i> | \$ | 72.28 |

| | | |
|--------------------|----|--------|
| Total costs | \$ | 586.28 |
|--------------------|----|--------|

Returns

| | | |
|---------------------------------|----|-------|
| Net returns over variable costs | \$ | 90.88 |
| Net returns | \$ | 18.60 |

1. Number of 45 pound pigs raised per sow per year minus .85 gilts/sow saved for breeding.
2. Based on culling 35% of sow heard per year at 425 pounds.
3. based on selling .5 non-cycling 240 pound gilts from the .85 gilts saved for breeding.
4. Based on selling .03 500 pound boars per sow.
5. SBM and supplement costs are equal to the price of SBM and \$60 for supplement.
6. Equals $.5 \times \text{variable cost} \times 12\%$.
7. Interest on the sows is equal to the sow's value $(\$150 + \text{salvage value}/2) \times .1$.
8. Overhead cost on facilities equal to amount required to repay amount shown in price column in 10 years at 10% interest/sow inventory (.2 crates per sow).
9. Overhead cost on facilities equal to amount required to repay amount shown in price column in 10 years at 10% interest/sow inventory (.8 spaces/sow).
10. Overhead cost on facilities equal to amount required to repay amount shown in price column in 10 years at 10% interest/sow inventory (3.0 spaces/sow).
12. Overhead cost on real estate equal to amount required to repay amount shown in price column in 20 years at 10% interest/sow inventory.