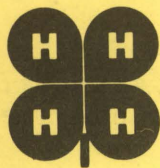


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# BREEDING GILT PROJECT RECORD



Extension Division • Virginia Polytechnic Institute and State University • June 1973

Name \_\_\_\_\_ Age \_\_\_\_\_ Club Year \_\_\_\_\_

Address \_\_\_\_\_ County \_\_\_\_\_ Zip Code \_\_\_\_\_

Name of Club \_\_\_\_\_ Years in 4-H \_\_\_\_\_

Name of Leader \_\_\_\_\_ Record Book 94



## Who Uses This Project Record?

You must complete this record if you are enrolled in the *4-H Breeding Gilt Project*. After your gilt has had her first litter, you may enroll in the *4-H Feeder Pig Project*. On the other hand, you may, if you wish, obtain another gilt and continue with the *4-H Breeding Gilt Project*.

You should have a copy of Publication 562, *4-H Swine Breeding Guide*. To obtain a copy, contact your project leader or Extension Agent.



# 4-H Breeding Gilt Project Record

Prepared by

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## Planning Your Project

Use this section to list the livestock and equipment for your project and to work out a budget of expected costs and returns.

**Table A. Beginning Livestock Inventory**

Name or Number of Animal	Sex	Birthdate	Date Obtained	Weight	Value at Start
				(lb.)	(\$)
Total Value of Animals at Beginning of Project					\$

**Table B. Facilities and Equipment Inventory**

Suggested	Available	Cost To Buy, Rent, or Repair	
		Estimated (\$)	Actual (\$)
Small pasture lot (2000 sq. ft. per gilt)			
Adequate shelter (10 sq. ft. per gilt)			
OR			
Pen and shelter with wood or concrete floor (20 sq. ft. minimum per gilt)			
Farrowing pen (8' x 8' minimum with guard rails)			
OR			
Adequate farrowing stall			
Adequate facilities for boar (1/4 acre lot, 50-sq. ft. shelter)			
Feeder, watering facilities			
Heat lamps for baby pigs			
Small tools, brushes, etc.			
Total Cost of Needed Equipment		Estimated \$	Actual \$



## 4-H BREEDING GILT BUDGET

Using the form below, determine your expected costs and receipts for the *4-H Breeding Gilt Project*. It is important to note that your costs and prices may vary from the values given in the table because:

- The figures shown are estimates of average values over a several-year period and market prices for hogs, feed, and other items do fluctuate.
- The feed estimates were based upon corn-soybean rations and may be lower than the cost of commercial rations purchased in small quantities.

Use the best estimates you can obtain to arrive at your expected costs and returns. Compare your beginning estimate with the final results when your project is completed.

	Budgeted Example				Beginning Estimate		
	Unit Weight	Unit Cost	Total Cost		Unit Weight	Unit Cost	Total Cost
<i>Receipts</i>	(lb.)	(¢)	(\$)	No.	(lb.)	(¢)	(\$)
1 sow	350	18	63.00				
8 40-lb. pigs	320	45	<u>144.00</u>				
<b>Total Receipts</b>			<b>207.00</b>				
<i>Expenses</i>							
Purchased gilt	45	50	22.50				
Feed costs							
Growing gilt, 45 to 220 lb.	700	5	35.00				
Gestation, 5 lb. per day, 115 days	575	5	28.75				
Lactation, 10 lb. per day, 60 days	600	5	30.00				
Creep feed for pigs	300	7	<u>21.00</u>				
<b>Total Feed Costs</b>			<b>114.75</b>				
Marketing costs							
Pigs (35 ¢ per head plus 1%)			4.24				
Sow (50 ¢ per head plus 1%)			1.13				
Breeding fee*			5.00				
Facilities and equipment costs**			10.00				
Miscellaneous expenses (Hauling, medicine, etc.)			<u>5.00</u>				
<b>Total Expenses</b>			<b>162.62</b>				
<i>Return to Member's Labor and Management (Receipts minus Expenses)</i>			<b>44.38</b>				

\*Actual charge or cost of owning a boar for 1 year divided by the number of litters sired.

\*\*Estimate from Table B.



## Keeping Records of Your Project

Use this section to keep a record of the jobs performed, feed used, items purchased, exhibits made, and pigs produced and sold.

Pictures of Animal(s)

A large area of horizontal lines for drawing pictures of animals.

Picture at Beginning of Project  
Date Picture Taken \_\_\_\_\_

Picture at End of Project  
Date Picture Taken \_\_\_\_\_

## Monthly Management and Activities Schedule

For each month, record not only the activities you undertook and completed in the *4-H Breeding Gilt Project*, but also any other 4-H activities in which you participated.

1st month (            )

---

---

2nd month (            )

---

---

3rd month (            )

---

---

4th month (            )

---

---

5th month (            )

---

---

6th month (            )

---

---

7th month (            )

---

---

8th month (            )

---

---

9th month (            )

---

---

10th month (            )

---

---

11th month (            )

---

---

12th month (            )

---

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Use this section to record all expenses other than feed, livestock, and equipment.

**Table D. Record of Other Expenses**

Date	Kind of Item	Number or Weight	Price per Lb. or Item	Total Amount
<i>EXAMPLE</i>	Needle teeth pliers	One	\$3.00	\$3.00
Total				\$

Record breeding dates so you will know when to expect your gilt(s) to farrow. Consult a gestation table to determine the expected farrowing date(s).

**Table E. Breeding Record**

SIRE			FEMALE				
Breed	Name	Regis. No.	Breed	Name	Regis. No.	Date Bred	Date Due

Use this section to record information about the pigs your gilt(s) farrowed.

**Table F. Production Record**

Name and Number of Dam	Date Off-spring Born	No. Born	No. Weaned	X Check One			Other Production Information
				Kept	Sold	Died	



Use the table immediately following to record any income obtained from sales.

**Table G. Receipts**

Date	Item Sold	Number Sold	Weight (lb.)	Price per Lb. or Head	Total Value (\$)
Total Receipts					\$

**Table H. Final Livestock Inventory**

Kind	Number	Weight (lb.)	Value (\$)
Sows			
Boars			
Pigs			
Others			
Total Value			\$

**Table I. Exhibit Record and Awards**

Date	Where Shown	Placing	Premium



## Project Summary

Use this section to report what you learned and what you accomplished in the *4-H Breeding Gilt Project*.

### PROFIT OR LOSS

Use this table to determine whether you made or lost money on your project. Compare the results with your beginning estimate.

Income	
1.	Value of livestock sold (Table G) <span style="float: right;">\$ _____</span>
2.	Value of livestock on hand (Table H) <span style="float: right;">\$ _____</span>
3.	Receipts from exhibits and awards (Table I) <span style="float: right;">\$ _____</span>
4.	Total income (add lines 1, 2, and 3) <span style="float: right;">\$ _____</span>
Expenses	
5.	Feed cost (Table C) <span style="float: right;">\$ _____</span>
6.	Beginning value of livestock (Table A) <span style="float: right;">\$ _____</span>
7.	Cost of equipment and facilities (Table B) <span style="float: right;">\$ _____</span>
8.	Breeding fees (if any) <span style="float: right;">\$ _____</span>
9.	Other expenses (Table D) <span style="float: right;">\$ _____</span>
10.	Total expenses (add lines 5 through 9) <span style="float: right;">\$ _____</span>
11.	PROFIT OR LOSS (subtract line 10 from line 4) <span style="float: right;">\$ _____</span>

### QUESTIONS YOU CAN ANSWER!

1. How many gilts did you have for this project? \_\_\_\_\_.
2. What breed did you select? \_\_\_\_\_. Why did you select this breed? \_\_\_\_\_  
\_\_\_\_\_.
3. How many pigs did your gilt(s) farrow? \_\_\_\_\_. How many pigs were weaned? \_\_\_\_\_.  
If any were lost, what could have been done to save more pigs? \_\_\_\_\_.
4. Corn is a major part of most swine feeds. What nutrient does corn supply in large amounts? \_\_\_\_\_.
5. Soybean meal is used in swine feed to supply what nutrient? \_\_\_\_\_  
\_\_\_\_\_.
6. Why should minerals and vitamins be added to swine feeds? \_\_\_\_\_  
\_\_\_\_\_.
7. Why is it important to examine the underline of a gilt before buying her to use as a brood sow? \_\_\_\_\_  
\_\_\_\_\_.
8. What are two important things to know when selecting a gilt? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_.







# 4-H Activities Record

## I. Club Responsibilities

Number of meetings your club held this year. \_\_\_\_\_

Number you attended. \_\_\_\_\_

Offices held in 4-H club work this year.

\_\_\_\_\_

Committees you served on. \_\_\_\_\_

\_\_\_\_\_

Did you serve as a 4-H member leader?  
yes \_\_\_\_\_ no \_\_\_\_\_

## II. Project Activities

Projects you completed this year.

\_\_\_\_\_

Give location for each activity below (Local, L; County, C; District, D; State, S; Regional, R; National, N).

Talks. Give title. \_\_\_\_\_

\_\_\_\_\_

Demonstrations. Give title.

\_\_\_\_\_

Exhibits. Give name of project.

\_\_\_\_\_

Judging Contests. Give type.

\_\_\_\_\_

Showmanship Contests. Give type.

\_\_\_\_\_

Public Speaking Contests. Give title.

\_\_\_\_\_

## III. Other Activities

Place a check (✓) beside the following activities and events in which you participated.

- ( ) Project tour
- ( ) Project workshop
- ( ) Judging school
- ( ) Fitting and Showing school
- ( ) Officer training
- ( ) Leadership training
- ( ) Community service project
- ( ) 4-H Church Sunday
- ( ) National 4-H Club Week
- ( ) County Camp
- ( ) Conservation Camp
- ( ) TV Camp
- ( ) Electric Congress
- ( ) State 4-H Congress
- ( ) National 4-H Congress
- ( ) 4-H Citizenship Short Course
- ( ) 4-H Citizenship Conference
- ( ) Achievement Day
- ( ) Health Check-up by Doctor
- ( ) Dental Check-up by Dentist
- ( ) News articles written, No. \_\_\_\_\_
- ( ) Radio programs, No. \_\_\_\_\_
- ( ) TV programs, No. \_\_\_\_\_
- ( ) Others \_\_\_\_\_

## IV. 4-H Awards and Honors

List those received this year.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Date project completed. \_\_\_\_\_