



NORTH DAKOTA 4-H SWINE BREEDING PROJECT RECORD

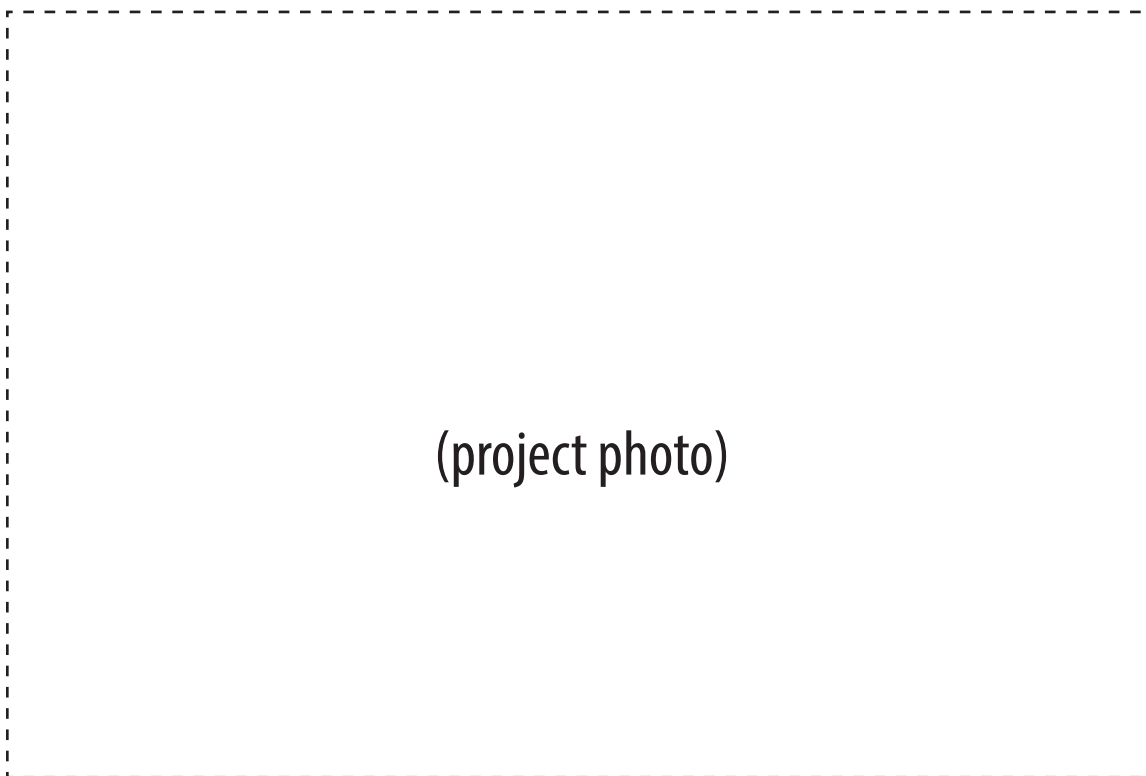
4-H member information

Name _____ Club _____

Age _____ Years in the project _____ Years in 4-H _____ Date project started ____/____/____

Parent's name _____

Address _____



Caption _____

Younger members may need help filling out the information necessary for their projects. The first line of each table is an example of how to complete that table.

Objectives

Suggested objectives to learn in your swine project.

1. To gain a knowledge and understanding of livestock production and feeding.
2. To make decisions and be responsible for the care and well-being of an animal.
3. To learn how to manage time and resources.
4. To share the information and skills learned with others.
5. To learn how to communicate with others.
6. To explore careers that work with animals.

You may not reach all of your objectives in one year.
You may develop additional objectives to fit your needs.

Breeding Project Information

Calendar Year _____

(Fill in the following information where applicable)

Years in breeding project _____ Number of animals in project this year _____

Number of sows _____ gilts _____ boars _____

My goals for this project _____

How many animals in this project will you exhibit at 4-H Achievement Days or County Fair? _____

Breeding Project Information (For the next year)

Calendar Year _____

Years in breeding project _____ Number of animals in project this year _____

Number of sows _____ gilts _____ boars _____

My goals for this project _____

How many animals in this project will you exhibit at 4-H Achievement Days or County Fair? _____

4-H Swine Breeding Project ♦ Lifetime Record

One of these summary forms is needed for each 4-H breeding swine involved in the project. It contains permanent identification, production and health records. Simply add information to this form as long as you own the animal listed below and include in your swine breeding project each year.

Identification and Animal Genetics:

Animal's name _____ Breed _____
 Date of birth ____ / ____ / ____ Tattoo/eartag/earnotch number _____
 If registered, registration number _____
 Sire's registration number _____ Sire's eartag/earnotch number _____
 Dam's registration number _____ Eartag/earnotch number _____
 Purchase date ____ / ____ / ____ Price paid \$ _____

Health Record

(Include all vaccinations, semen, processing. etc.)

Date	Description of Problem or Action	Cost	Date	Description of Problem or Action	Cost
5/10	vaccination	\$1.00			

Breeding and Farrowing Record

(Use one line for each farrowing)

Year	Date Bred	Sire Name or No.	Farrowing Date	No. of Pigs Born	Litter # & Pigs # (i.e. 40: 1-11)	Date Weaned	Total Lbs. Weaned
	10/12	10-4	2/3	9	3: 1-9	3/19	180

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Feeding Period Sheet

1. Date feeding period started ____ / ____ / ____ ended ____ / ____ / ____
2. Total days of this feeding period _____
3. Number of animals you are including in this feeding period _____
4. Animal weight at the beginning of feeding period _____
(use average weight if more than one animal)

In this section, include all feeds, minerals, vitamins and protein supplements. If you are feeding more than one animal the same ration, use one feed sheet. Do not include animals that are on different rations. Use a separate set of feeding period sheets for those animals.

Feed	(A) Lbs. Feed per Day	(B) Cost/lb. of Feed	(C) No. of Days Fed	(D) Total lbs. Fed (A x C)	(E) Total Cost (A x B x C)
grain mix	6	.12	100	600	72.00
6. Totals	_____ (A)	_____ (B)	_____ (C)	_____ (D)	\$_____ (E)

Explain why this ration was used _____

Explain why any changes in this ration were made _____

(When major changes in ration occur, please document on the next feeding period sheet. You may need extra sheets.)

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Loan Record

To determine interest paid: $A \times B \times C \div 365$

Date	Item Loan was Received For	(A) Amount of Loan	(B) % Interest	(C) Length of Loan	(D) Principle Paid	(E) Interest Paid	(F) Unpaid Balance
4/30	Gilt 12-3	100.00	8%	6 months	100.00	4.00	———
1. Totals		XXXXX	XXXXX	XXXXX	\$____(D)	\$____(E)	XXXXX

Travel Expense

Animal Identification	Event	(A) Entry Fees	(B) Trans- portation	(C) Lodging	(D) Other	(E) Totals a+b+c+d
12-3	county fair	———	15.00	———	———	15.00
2. Totals		\$__(A)	\$__(B)	\$__(C)	\$__(D)	\$__(E)

Equipment Inventory

Equipment purchases made in previous years

Date	Item	Estimated Value at Beginning of Project Year (A)	Estimated Value at End of Project Year (B)	Change in Inventory Value*
3/15	feed pans	20.00	16.00	(4.00)
1. Totals		\$ _____ (A)	\$ _____ (B)	\$ _____ (C)

Equipment purchases made in current project year

Date	Item	Price Paid	Estimated Value in End of Project Year (B)	Change in Inventory Value*
5/1	brush	10.00	9.00	(1.00)
1. Totals		\$ _____ (A)	\$ _____ (B)	\$ _____ (C)

* Change in Inventory Value = Beginning Value (column A) minus ending value (column B)

If equipment was sold, record \$0 in Column B and record amount received on Line 3 of Income Summary.

Animal Inventory

Breeding animals on hand at beginning of project year

Date	Item	Estimated Value at Beginning of Project Year (A)	Estimated Value in End of Project Year (B)	Change in Inventory Value*
1. Totals		\$ _____ (A)	\$ _____ (B)	\$ _____ (C)

Purchased this year

Value of animals purchased during this year’s project
 (Use one line per animal in project)

Animal Identification No. (A)	Beginning Weight (B)	Market Price at Time of Purchases (C)	Animal Value (D) (B x C)	Estimated Value at End of Project Year (E)
gilt 12-3	50 lbs	2.00/lbs	100.00	200.00
2. Total for purchased animals	XXXXX	XXXXX		
3. Total change in inventory (Add 1C + 2E)				

* Change in Inventory Value = Beginning Value (column A) minus ending value (column B).
 If animals were sold during the year, record \$0 in Column B and record amount received on Line 2 of Income Summary.

Expense Summary

Value of animals at beginning of this year's project (use one line per animal in project)

Animal Identification No. (A)	Weight at Beginning of Year (B)		Estimated Animal Value (D)
7-1	300		\$250.00

1. TOTAL COLUMN D \$ _____
2. Veterinary expenses (from health section);
use current project year expenses only..... \$ _____
3. Total feed bill (total of all feeding period sheets -
line 6E from feeding period sheets) \$ _____
4. Interest (from loan record section, line 1E) \$ _____
5. Travel expense (travel expense section, line 2E) \$ _____
6. Equipment purchases (from equipment inventory section, line 2A);
use current project year purchases only \$ _____
7. Other cash expenses \$ _____
Specify _____
Specify _____
8. Total cash expenses (add lines 1 -+2+3+4+5+67) \$ _____

Income Summary

Premiums from livestock shows (for current project year, use actual ribbon premiums)

Date	Show/Event	Ribbons and/or Placing	Actual Premiums
6/25	county fair	Blue	\$10.00

1. Total from livestock premiums \$ _____

Estimate of value of animals held for sale (at end of project year) or actual value of project sold

Animal ID	(A) Weight Selling Time	(B) Market Price Selling Time	(C) Sale Value* A x B

2. Total sale value of project (total of column C) \$ _____

*sale value = actual sale value or estimate of value of animals held for sale

If animal is sold by the head enter value in sale value, column C

3. Other cash income received from your project \$ _____

Specify _____

Specify _____

Specify _____

4. Total cash income (add lines 1 + 2 + 3) \$ _____

Business Summary

Cash Flow Statement

- 1. Total cash income (from income section, line 4)\$ _____
- 2. Total expense (from expense section, line 8)\$ _____
- 3. **Net income or loss** (line 1 minus line 2)\$ _____

Profit or Loss Statement

- 6. **Net income or loss** (line 3 above)\$ _____
- 7. Value of any feed left on hand for which you have paid
(this is an estimate you make)\$ _____
- 8. Change in inventory value of breeding animals
(this is an estimate you make)\$ _____
- 9. Change in inventory value of equipment
(from Equipment Inventory Section, line 1C)\$ _____
- 10. **Net profit (loss)**
(line 4 + 5 + 6 - 7).....\$ _____

Explain why you have a profit or loss _____

How will you improve this project? _____

Note to 4-H members completing this record:

Please do not let all the lines and sections in this form distract you from completing this record. Complete it step by step and follow the instructions. When you are finished you will have a true picture of what you did with your project. Please remember that if you keep up with your records as your project progresses this will be a simple process.

Ask your project leader or parent to help you complete the record so you understand the meaning of each part.

Good luck with your swine breeding project.

Suggested Companion Materials

Veterinary Science	The Normal Animal – Unit 1 Animal Diseases – Unit 2 Animal Health and Our World – Unit 3
Swine Project	Squeal Appeal – Unit 1 Hamming It Up – Unit 2 Going Whole Hog – Unit 3

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Visit North Dakota 4-H on-line at www.ndsu.edu/4h

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