



North Dakota 4-H Swine Breeding Project Record

4-H'er Information

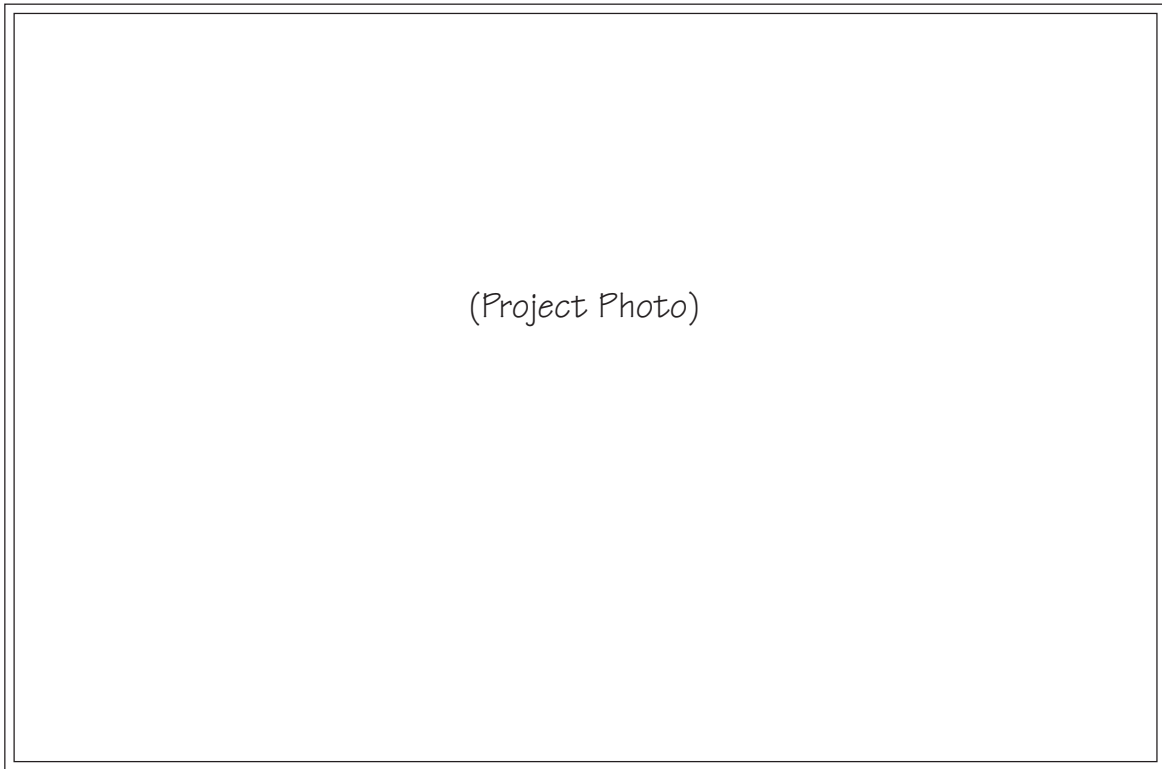
Project _____

Name _____ Club _____

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

Parent's name _____

Address _____



Caption: _____



Younger members should receive assistance filling out the information necessary for their project.

Objectives:

Suggested objectives to learn in your hog 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 which work with animals.

You may not reach all these objectives in one year. You may also want to develop your own objectives.

Breeding Project Information:

(Fill in the following where applicable)

Years in breeding project _____

Number of animals in project _____

Number of sows _____ gilts _____ boars _____

Goals of this project _____

How many animals in this project will you be exhibiting at Achievement Days or your County Fair? _____

4-H Swine Breeding Project ♦ Lifetime Record

One of these summary forms is needed for each 4-H breeding hog 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 ____/____/____ Tatoo/eartag/earnotch number _____

If registered, registration number _____

Sire's name _____ Sire's number _____

Dam's name _____ Dam's registration or eartag 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

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

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, vitamin 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)
6. Totals	_____ (A)	_____ (B)	_____ (C)	_____ (D)	_____ (E)

Explain why this ration was used _____

Explain why any changes in the ration were made _____

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

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1. Date feeding period started ____/____/____ ended ____/____/____
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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)
6. TOTALS	_____ (A)	_____ (B)	_____ (C)	_____ (D)	_____ (E)

Explain why this ration was used _____

Explain why any changes in the ration were made _____

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

Loan Record

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
1. TOTALS		xxxx	xxxxx	xxxxx	____(D)	____(E)	xxxxxxx

Travel Expense

Animal Identification	Event	(A) Entry Fees	(B) Trans- portation	(C) Lodging	(D) Other	(E) Totals A + B + C + D
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*
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
1. TOTALS		\$ _____ (A)	\$ _____ (B)	\$ _____ (C)

Equipment purchases made in current project year

Date	Item	Price Paid	Estimated Value in End of Project Year	Change in Inventory Value*
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
2. 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 at End of Project Year (B)	Change in Inventory Value*
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
1. TOTALS		\$ _____ (A)	\$ _____ (B)	\$ _____ (C)

*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.

Animal Inventory: 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 Purchase (C)	Animal Value (D) (B x C)	Estimated Value at End of Project Year (E)
2. Total for purchased animals	xxxxx	xxxxx		
3. Total change in inventory (add 1C + 2E)				

Expense Summary:

1. **Cost of animals purchased** Total Column D \$ _____
2. **Veterinary expenses**
(From lifetime record 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 _____
8. **Total expenses**
(Add lines 1 + 2 + 3 + 4 + 5 + 6 + 7) \$ _____

Income Summary:

<i>Premiums from livestock shows (for current project year, use actual ribbon premiums).</i>			
Date	Show/Event	Ribbons and/or Placing	Actual Premium

1. Total from livestock premiums \$ _____

<i>Estimate of value of animals held for sale (at end of project year) or actual sale value of project sold</i>			
Animal ID	(A) Weight at Selling Time	(B) Market Price at 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 _____

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

Business Summary:

Cash Flow Statement

1. **Total cash income**
(from Income Summary, line 4) \$ _____
2. **Total expense**
(from Expense Section, line 8) \$ _____
3. **Net income or loss**
(line 1 minus line 2) \$ _____

Profit or Loss Statement

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

Explain why you had a profit or loss _____

How will you improve this project? _____

Note to 4-H'er 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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