



4H DAR 01

# DAIRY & DAIRY GOAT PROJECT RECORD



Name \_\_\_\_\_

Parent's Name \_\_\_\_\_

Mailing Address \_\_\_\_\_ Zip \_\_\_\_\_

Age \_\_\_\_\_ Jr. or Sr. \_\_\_\_\_ Month, Day, Year of Birth \_\_\_\_\_

Grade in School \_\_\_\_\_ Name of School \_\_\_\_\_

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

Name of 4-H Leader \_\_\_\_\_

Name of 4-H Agent \_\_\_\_\_

County \_\_\_\_\_

## Your 4-H Dairy Project

This project will help you learn about dairy animals--how to select for good type, and basic feeding, care and management techniques. You will also learn to teach other how to develop an outstanding project.

### Primary Objectives of the Dairy Project:

- Become aware of the scope and economics significance of the dairy industry.
- Acquire skills in dairy production through ownership and care of dairy animals.
- Learn marketing, processing, distribution, consumption, and use of dairy products.
- Learn and practice principles of cleanliness and sanitation as applied to the production and care of dairy products.
- Learn the nutritive value of dairy products and promote their use.
- Appreciate contributions and applications of scientific research to the dairy industry.
- Develop sportsmanship, cooperation, decision-making ability, and public speaking skills through participation in demonstrations, tours, judging, and/or exhibits.

### General Project Completion Guidelines

- Plan a project experiences using the Project Completion Guide. This should include: (A) Giving a project demonstration, (B) Performing 3 or more activities related to the member's selected dairy project, and (C) Taking part in the Dairy Advancement Program (optional).
- Have access to a dairy animal.
- Complete a project record book. **Juniors** should maintain a record of their experience within their selected dairy projects. **Seniors** should maintain a record on their project animals as well as a record of their experiences within their selected dairy projects.

Once you've completed your project, you will receive an attractive project completion certificate. Members who complete steps in the 4-H Dairy Advancement Program will receive special recognition. See the 4-H Dairy Member Advancement Program booklet for details.

DAIRY & DAIRY GOAT PROJECT RECORD

INDIVIDUAL ANIMAL IDENTIFICATION

Breed \_\_\_\_\_ Birth Date \_\_\_\_\_ Tattoo \_\_\_\_\_

Name of Animal \_\_\_\_\_ Reg. No. If Applicable \_\_\_\_\_

Ear Tag \_\_\_\_\_ Date Required \_\_\_\_\_

Name of Breeder or Previous Owner \_\_\_\_\_

Address of Breeder or Previous Owner \_\_\_\_\_

PICTURE OF DAIRY ANIMAL

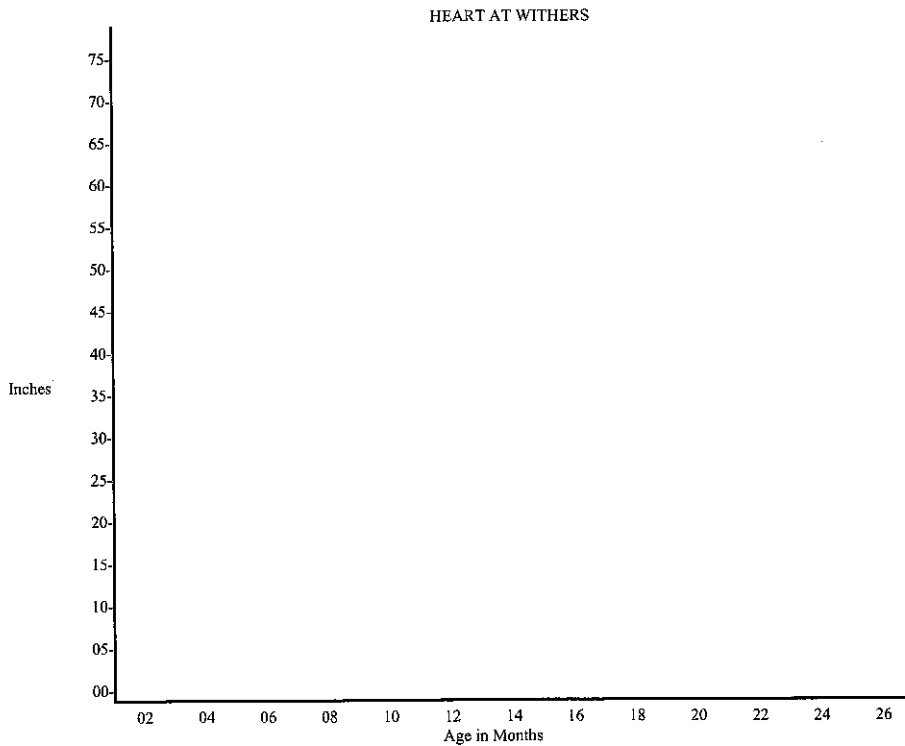
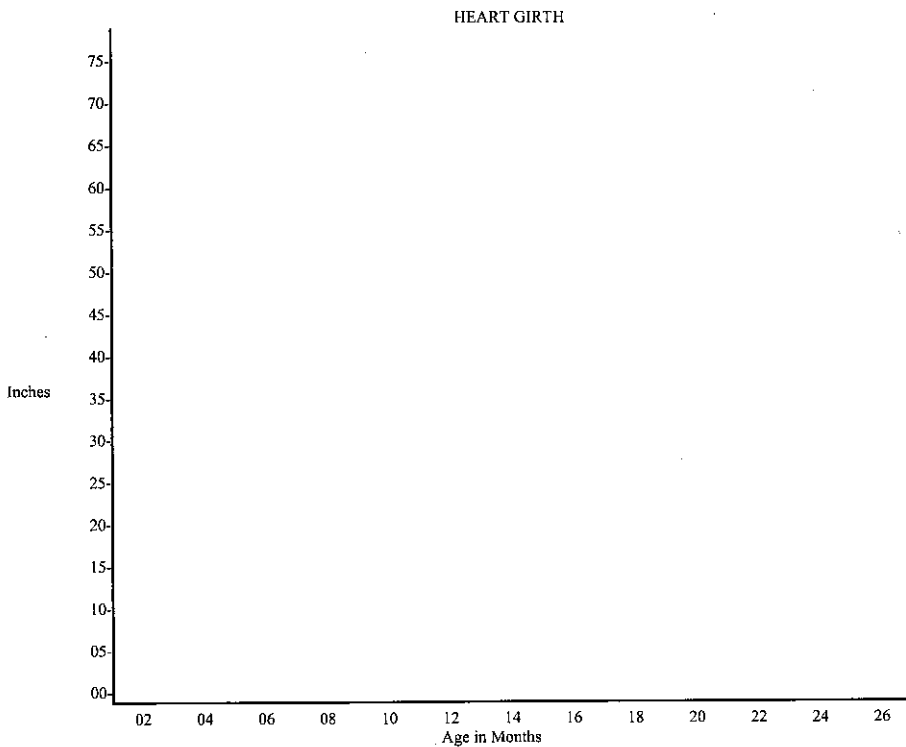
PEDIGREE

Complete as much as possible

<b>Sire</b>		Paternal Grandsire	Reg. No.
Name	Registration No. if applicable		
		Paternal Granddam	Reg. No.
<b>Dam</b>		Maternal Grandsire	Reg. No.
Name	Registration No. if applicable		
		Maternal Granddam	Reg. No.

Note: If you have more than one dairy animal, you may photocopy as many animal identification pages you need to complete your record.

### GROWTH RECORD



1) Measure heart girth and height at withers of your animal at one month intervals.

2) Plot numbers on the charts (i.e. if your animal weighs 200 lbs. at two months, and is 40 inches in the heart girth, put a dot where two months and 40 inches meet.

3) Use this same procedure through to 18 months and then join the dots using straight lines.

4) Use different colored markers when putting more than one animal on a chart.

5) This growth record does not need to be completed on every animal; but once completed a few times, will teach you how to measure growth rate.

GROWTH RECORDS SUMMARY

FIRST DAIRY ANIMAL				SECOND DAIRY ANIMAL			
Age in Months	Lbs.	Height At Withers	Heart Girth	Age in Months	Lbs.	Height At Withers	Heart Girth
1.				1.			
2.				2.			
3.				3.			
4.				4.			
5.				5.			
6.				6.			
7.				7.			
8.				8.			
9.				9.			
10.				10.			
11.				11.			
12.				12.			
13.				13.			
14.				14.			
15.				15.			
16.				16.			
17.				17.			
18.				18.			
19.				19.			
20.				20.			
21.				21.			
22.				22.			
23.				23.			
24.				24.			
25.				25.			
26.				26.			

DAIRY & DAIRY GOAT PROJECT RECORD

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**BEGINNING INVENTORY**

Beginning Inventory of Animals in the Project

NAME OR NUMBER OF ANIMALS	SEX	BIRTHDATE	BREED	BIRTH WT. OR WT. AT PURCHASE (LBS.)	VALUE AT THE START OF THIS RECORD
					\$

\*Include a summary of all the animals in your herd when the project started.

(Expenses Value 1) Total Value of  
Animals at Beginning of Project  
\$ \_\_\_\_\_

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BREEDING RECORD

SERVICE SIRE			FEMALE BRED				DESCRIPTION OF BREEDING SUPPLIES	BREEDING FEE
BREED	NAME	REG. NO.	BREED	NAME	REG. NO.	DATE BRED		
								\$

Note: The gestation length of goats is about 150 days and the gestation length of cows is about 280 days.

(Expenses Value 5)

Total \$ \_\_\_\_\_

**FEED RECORD SUMMARY**

<b>FEED</b>	<b>YEARLY COST TOTAL</b>	<b>PRICES USED PER LB. FEED</b>
Milk or replacer	\$ _____	\$ _____
Concentrate Mix	\$ _____	\$ _____
Hay	\$ _____	\$ _____
Other Feed	\$ _____	\$ _____
 TOTAL FEED COST PER YEAR (EXPENSES VALUE 6)	 \$ _____	

**DIRECTIONS FOR COMPLETING FEED RECORD**

1. **POUNDS OF FEED** - This value represents the pounds of feed consumed by one animal on the date the feed was weighed, multiplied by the number of days in the months (i.e. 5 lbs. of concentrate mix was consumed on 2-18-86)  
  
5 pounds x 28 days = ~~140~~ lbs. of concentrate consumed in February.
2. **VALUE OF FEED** - This figure represents the average total value of pounds of feed consumed per animal per month. (i.e. \$2.00 per lb. of concentrate mix)  $\implies$  2 x 140 lbs. = ~~\$280.00~~
3. **DATE FEED WEIGHED** - Select a random day each month to weigh the pounds of the different types of feed consumed by your project animal. Record this date in the appropriate column.
4. **APPEARANCE OF ANIMAL** - E = EXCELLENT, G = GOOD, F = FAIR, P = POOR
5. **YEARLY TOTAL** - This figure represents the sum of the columns of lbs. of feed consumed per month, and the value of the feed consumed per month.
6. **PRICES USED PER POUND OF FEED** - This figure should represent the price per pound of feed used when calculating the value of each feed ingredient (i.e. \$2.00 per pound was the value used in this example).







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**RECORD OF OTHER EXPENSES**

(Include all expenses not already reported in another record)  
Include animals purchased during the project year.

DATE PURCHASED	DESCRIPTION	PURCHASE PRICE
		\$

(EXPENSES VALUE 9)  
TOTAL OTHER EXPENSES \$ \_\_\_\_\_

