NYS 4-H Dairy Project Record



Member's Name		·····
Address		
Number of years enrolled in 4-H Dairy Project _		Age
County	Club	
Project Year		
My goals this year		

Acknowledgements

This project record was developed by members of the New York State 4-H Dairy Committee. Special thanks go to the Cornell Cooperative Extension Associations of Ostego, Orange, Cortland and Seneca for providing volunteer editors and contributors. The intent of this record book is to supply New York youth with a uniform project record format that can be adapted to fit local needs and situations. Whether children choose to raise dairy animals for replacements or production they will gain skills in record keeping and time management. In addition to caring for animals, encourage youth to participate in public presentations or community service activities. All youth can help others learn how to care for new animals. Each year, encourage children to set their own new goals.

If you have questions, comments, additions or suggestions, please contact Cornell University Department of Animal Science, Youth Extension Dairy Specialist, Debbie Clute in Morrison Hall. Phone: 607-255-0656, Fax: 607-255-9829 or e-mail: <u>djc27@cornell.edu</u>. Also look for new ideas on the Animal Science Department website at <u>www.ansci.cornell.edu</u>

Please make additional copies as needed. You may also request an original via e-mail.

September 2002

4-H CALF & HEIFER PROJECT STORY

Name:		
Address:		
4-H Club Name:	County:	
Your year in Dairy Project	et: Breed of Cattle:	
Name of animal report is	on:	
Registration Number:	Birth Date:	
Bred By:	Town & State:	
Farm Size:	Size of heard in which your animal is kept:	

1) Describe how and from whom, you've obtained your calf, or heifer. Explain why you chose this particular animal.

2) What are your plans, for the future, with Dairy Cows?

3) What have you done, with your animal, or just you in the dairy industry, in the past year?

4) What non-dairy activities have you been involved in?

5) Attache a page with pictures of your animal, and yourself working with her. Also include pictures of yourself involved in dairy activities. Under each picture, write under it what it shows.

4-H CALF/HEIFER GENETICS RECORD

Name:		_
Address:		
4-H Club Name:	County:	
Your year in Dairy Project:	Breed of Cattle:	
Name of animal report is on:		
Registration Number:	Birth Date:	
Bred By:	Town & State:	
Farm Size:	Size of heard in which your animal is kept:	

4-H CALF & HEIFER GENERAL MANAGEMENT RECORD

Name:		
Address:		
4-H Club Name:	County:	
Your year in Dairy Proje	ct:Breed of Cattle:	
Name of animal report is	on:	
Registration Number:	Birth Date:	
Bred By:	Town & State:	
Farm Size:	Size of heard in which your animal is kept:	

1) **DEHORNING**

At what age was your calf dehorned?_____ What method of dehorning?_____ Describe problems, if you had any.

2) EXTRA TEAT REMOVAL

At what age were extra teats removed from your heifer calf?_____ How was this done?

3) **IDENTIFICATION**

At what age was your calf was given permanent identification? How was your calf permanently identified? (e.g. ear tatoos, eartags, freeze branding, neck straps)

4) HOUSING

Describe the kind of housing your animal has been kept in,(hutches, heifer barn, group housing.) List all kinds of housing your calf has been in. The age of the animal when entered and left each type of housing. For animals kept in a group, show the approximate number of individuals in the group.

5) HOOF TRIMMING

List all the times you've had to trim your animals hoofs, if there was a problem with her feet, and her age.

Month/Day/Year	Purpose	Cost	Comments

6) ROUTINE VACCINATIONS, & HEALTH RECORDS

Whenever your animal is given a vaccination, or had a health problem, write this in the lines. Be sure to you write the date, vaccination/ health problem, how long it took for your animal to get over the disease, the treatment, and cost.

Date	Illness, Vaccination, Problem	Treatment	Time Period	Cost

7) HEAT DETECTION AND BREEDING

Did you use natural service with a farm bull, or artificial insemination (AI) to breed your heifer?_____

If A! was used, you had to detect your heifer in heat, to breed her. 'What age was you heifer, when first detected her in heat? ______ months.

How many times was you heifer observed in heat, before she was bred? ________times.

At what age will your heifer have her first calf? (You need to have her diagnosed pregnant to answer this.) ______ months.

BRE	EDINC	G & CAL	VING	RECC	RD			ECORD
Year	Date	Bull or	Date	Date	Remarks	Sex of	Ear	Remarks
	Bred	AI code	Due	Calved	(Difficulties)	Calf	Tag#	
		#						
								1

4-H CALF & HEIFER FEED RECORD

Name:		
Address:		_
4-H Club Name:	County:	
Your year in Dairy Project	et:Breed of Cattle:	
Name of animal report is	on:	
Registration Number:	Birth Date:	
Bred By:	Town & State:	
Farm Size:	Size of heard in which your animal is kept:	

1) CALF FEED RECORD

Did your calf receive Colostrum in the first 12 hours after birth?_____ Have you had your calf on pasture?_____ At what age did the calf go on pasture?_____ Describe the quality of the pasture:_____

Age of calf (in month	s)												For each	feed:
													Total	Total
Feed use	1	2	3	4	5	6	7	8	9	10	11	12	used	Cost
													(lbs)	or value
Whole milk (lbs)														
Milk replacers (dry														
weight in lbs)														
Calf starter (lbs)														
Grain Mixture (lbs)														
Hay (bales)														
Silage (lbs)														
Special feeds (lbs):														
Mineral/Vitamins														
OVERALL TOTAL to 12 months								1						

Age of calf (in months)										For each	feed:			
												Total	Total	
Feed use	13	14	15	16	17	18	19	20	21	22	23	24	used	Cost
													(lbs)	or value
Hay (lbs)														
Silage (lbs)														
Grain mixture														
(lbs)														
Check square for														
when heifer was														
on pasture, and														
indicate quality.														
Special feeds														
(lbs)														
	1													
OVERALL														
TOTAL for 13-														
24 months														

1) What kinds of hay was your heifer fed?

2) Describe the contents of the grain mixture fed:

3) if you used vitamins or minerals, explain them:

3) OVERALL

How much did it cost to raise your animal from a baby calf, to 24 months of age?

What feeds have you used, that were produced on your farm? (e.g. whole milk, alfalfa hay.) (If you can, include both calf and heifer.)

What feeds had to be brought in?

4-H CALF & HEIFER GROWTH CHART

Chart the height of your heifer, from birth to 24 months. Make sure to write in weaning height, if a sickness -has happened, and when she was bred.

SHOW RING ACHIEVEMENTS

Date	Age of animal	Show	Placing