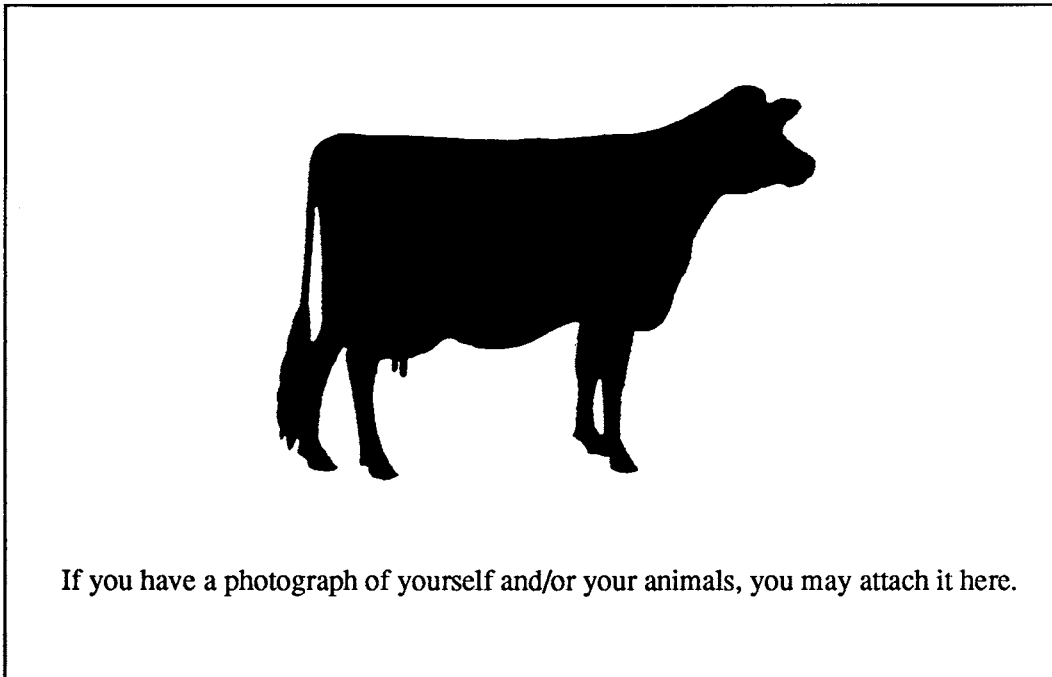




Protected Under
18 U.S.C. 707

4-H Dairy Record

20 _____



Name of member _____ Club _____

Age (as of Jan. 1) _____ County _____

Date of birth _____ Club leader _____

Years in 4-H _____ Project leader _____

Address _____ Project level (1, 2, 3, or 4) _____

_____ Date record started _____

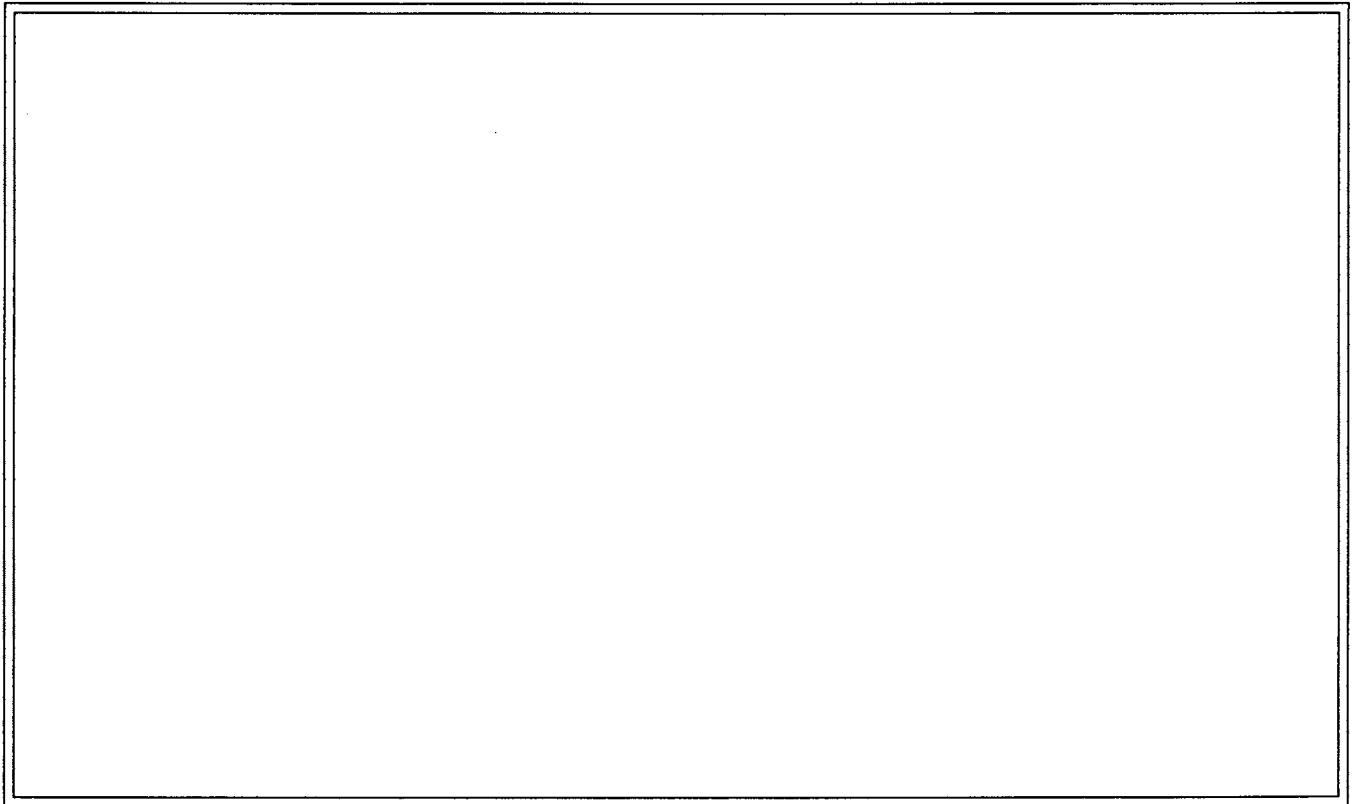
_____ Date record closed _____

How to Use This Record

1. Use this record if you are enrolled in an intermediate or advanced 4-H dairy project. It is a summary of what you do with your dairy animals this year and what you learn from the project.
2. Write down your project plans and accomplishments in this record. When you spend money or do something for your project, write it down. Save sales receipts to prove what you spent. It's impossible to keep good records from memory.
3. When filling out this record for this year, you should:
 - start and end your year on the project completion date for your county
 - keep records of things you do for the whole year, even if you have animals for only part of the year
 - keep records on all of your animals, not just the ones you show
4. Also fill out an Individual Dairy Animal Lifetime Record for each of your animals. Add new information to the lifetime records each year. Use DHIA records, if you have them, to help fill out the lifetime records.
5. If the member's guide for your project unit has a checklist of recommended activities, use it to check off what you do. Have your leader or parent sign the list when you do an activity. Turn in your checklist with this record. It usually takes more than one year to complete all the activities recommended for advancement to the next project unit, so plan to use the checklist for more than one year.
6. Turn these things in to your leader at the end of the year:
 - this record
 - Individual Dairy Animal Lifetime Records for each of your animals
 - your checklist of project activities

Photographs and drawings

Attach photographs and drawings of you and your animals here.



My Project Plans

Complete this section at the beginning of the project year.

Numbers, kinds, and breeds of cattle I will care for: *(Example: 2 Holstein heifers and 1 cow)*

What I will do to take care of them: *(Example: I'll feed and water my calf each day.)*

Goals I want to reach: *(Example: I want to increase my herd's milk production.)*

Skills I want to learn: *(Example: I want to learn to clip my calf.)*

Activities I want to try: *(Examples: camp, presentation night, judging clinic, dairy bowl, roundup)*

What I Fed My Animals—Needs of dairy cattle change as the cows grow and produce milk. List the kinds of feeds you fed your cattle at different times during your project. Add another page if you need room for more feeds.

Mixed Feeds Purchased			
Name or kind of feed bought (calf starter, 16% dairy feed, etc.)	Percent protein	Animals that ate it (yearling heifers, dry cows, etc.)	Additional feeds fed (hay, haylage, silage, pasture, etc.)
<i>Example: Calf starter</i>	<i>18</i>	<i>Calves aged 0 to 4 months</i>	<i>Alfalfa hay</i>

Formulas of Home-mixed Feeds					
Ingredient	Cattle to be fed (dry cows, yearling heifers, etc.)				
Amount per batch (pounds)					
Energy ingredients (corn, oats, barley, beet pulp, molasses, etc.)					
Protein ingredients (soybean meal, cottonseeds, brewers grains, 40% supplement, urea)					
Vitamins and minerals (salt, limestone, magnesium oxide, vitamin premix, etc.)					
Additives (medications, growth promotants, etc.)					
Total weight of mixture					

Amounts Fed to Cattle (average pounds per animal per day)					
Grain mixture					
Hay					
Haylage					
Corn silage					
Other					
Total					

Calculation of Total Costs and Income for the Project Year

For the months covered by your 4-H Dairy Record, add amounts from your monthly DHIA reports or individual animal lifetime records for health costs, breeding costs, value of milk sold, and show premiums to calculate total costs or income from these sources for one year. Then record the sums here. (Add another page if you need room for more animals.)

Animal name and/or identification number	Health costs (\$)	Breeding costs (\$)	Value of milk sold (\$)*	Show premiums (\$)
Total for year (\$)				

*Pounds milk x dollars per pound = value of milk sold. Divide dollars per 100 pounds (cwt) by 100 to calculate price per pound.

Other Costs					
List costs of supplies, equipment, bedding, hauling, marketing, production testing, registration, photography, entry fees, etc. Do not include costs of cattle.					
Date	Item	Cost (\$)	Date	Item	Cost (\$)
			Total (\$)		

Other Income					
Include transportation allowances, income from sale of manure, etc. Do not include income from sales of animals.					
Date	Item	Received (\$)	Date	Item	Received (\$)
Total (\$)					

Financial Summary

Income

Value of milk sold (from page 8) (a) _____

Income from sales of animals (from page 4) (b) _____

Show premiums (from page 8) (c) _____

Other income (from page 9) (d) _____

Total income (a + b + c + d = e) (e) _____

Expenses

Cost of feed bought or used (from page 7) (f) _____

Cost of animals bought or added (from page 4) (g) _____

Breeding costs (from page 8) (h) _____

Health costs (from page 8) (i) _____

Other costs (from page 8) (j) _____

Total costs (f + g + h + i + j = k) (k) _____

Enter total income from project during year (e) _____

Enter and subtract total costs (k) _____

Subtotal (e - k = m) (m) _____

Enter and add estimated value of animals you had on date year ended (n) _____

Subtotal (m + n = o) (o) _____

Enter and subtract the value of animals you had on date year started (p) _____

(may be more or less than value at end of year)

Project return or loss (o - p = q) (q) _____

Project Experiences

Things I did to feed and care for my animals:

Things I learned this year:

Goals I met:

What I plan to do for this project next year:

Total Project Score

	Highest score	Score yourself	Score from your leader
CARE AND MANAGEMENT OF ANIMALS			
Do animals have clean and suitable housing?	3	_____	_____
Are feeders and equipment clean and well-kept?	3	_____	_____
Are animals fed recommended kinds and amounts of feeds?	4	_____	_____
Is fresh water available?	3	_____	_____
Do animals show normal growth and condition?	4	_____	_____
Are appropriate procedures being followed to control parasites and maintain health?	4	_____	_____
Is safe and appropriate equipment in use?	4	_____	_____
Subtotal	25	_____	_____
ANNUAL PROJECT AND LIFETIME ANIMAL RECORDS			
Are the records neat?	2	_____	_____
Are plans clearly stated?	3	_____	_____
Are all the member's animals and their values listed and accompanied by lifetime records?	3	_____	_____
Are amounts, kinds, and costs of feeds correct and complete?	3	_____	_____
Are expense and income records correct and complete?	3	_____	_____
Are project experiences described adequately in member's story and in answers to questions?	3	_____	_____
Is the 4-H activities report complete?	2	_____	_____
Are lifetime lactation, breeding, and calving records correct and complete?	3	_____	_____
Are animal health, pedigree, and event records complete?	3	_____	_____
Subtotal	25	_____	_____
PERFORMANCE OF MEMBER			
Did member do what was planned to meet his or her goals?	10	_____	_____
Did the member care for his or her own animals when possible?	5	_____	_____
Did the member attend 4-H meetings regularly?	5	_____	_____
Did the member participate in normal club and county 4-H activities?	10	_____	_____
Subtotal	30	_____	_____
PROGRESS TOWARD PROJECT UNIT COMPLETION			
Did member do six or more dairy knowledge and skills activities?	10	_____	_____
Did member do six or more life skills activities?	10	_____	_____
Subtotal	20	_____	_____
Total	100	_____	_____

Project scored by _____ Date _____

4-H ACTIVITIES REPORT

This report will help you keep a better record of your club activities. Fill it in as you complete each assignment. Refer to this record when you are entering county, state, and national programs. Ask your local leader to explain these programs to you.

My 4-H Activities Report for the 19__ Club Year

Projects taken _____

Number of new members you encouraged to join 4-H _____

Number of boys and girls you helped with projects _____

In what way? _____

TV member yes no

Program title _____

Check those attended and tell how you helped

Offices held

3- or 4-day camp _____

Club _____

1-day camp _____

County _____

Club or county tours _____

“Show-and-tells” given to:

Club picnic _____

Family _____

Countywide picnic _____

Friends _____

4-H Sunday _____

Local club _____

County fair _____

County _____

Achievement programs _____

Regional _____

Roundup _____

State _____

Teen Leader Retreat _____

News articles _____

State 4-H Capital Days _____

Radio _____

Camp Leadership Training _____

TV _____

Penn State 4-H Achievement Days _____

Things done to improve your health

Pennsylvania Farm Show _____

National 4-H Week _____

Community service or citizenship work done

State Ambassador Conference _____

By myself _____

Others _____

With club _____

Number of meetings your club(s) held this year _____

Number you attended _____

PENNSTATE



College of Agricultural Sciences • Cooperative Extension

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