

4-H LIVESTOCK RECORD BOOK



For Intermediate and Advanced Members

Name _____

Address _____

Route or Street

Town

Zip Code

4-H Club _____

Project _____

(beef, sheep, swine)

Leader _____

Record Started _____ Record Closed _____

Month/Day/Year

Month/Day/Year

Why keep records?

Keeping records on your project can be interesting and fun — not dull or boring.

Good records will:

- help you learn about animals, their rate of growth, the feed they require, the cost of the feed, and their habits.
- help you plan future projects.
- let you know if you made or lost money — and how much.
- improve your management practices.
- give you a record of your project activities.

Keep this record as a part of your *Member's Personal 4-H Record* (4-H 1192), which provides space for a complete record of your 4-H projects and activities. This information is helpful if you ever apply for 4-H awards or a 4-H scholarship.

Remember—records are no better than what you put into them!

Project Animals

Species: _____ Breed: _____ Date Record Started: _____ Date Record Ended: _____

Identification of animal ^A	Sex	Date of birth	Date purchased ^B	Purchase price or value at start of project ^C	Died	Sold	Kept	Value of animals that you still have at close of record ^D
				\$.				\$.
				\$.				\$.
				\$.				\$.
				\$.				\$.
				\$.				\$.
				\$.				\$.
				\$.				\$.
				\$.				\$.
				\$.				\$.
				\$.				\$.
				\$.				\$.
TOTAL (1)					TOTAL (2)			

NOTES

- ^AName, ear tag, ear notch, tattoo, etc.
- ^BApplies only if you purchased the animal. If you raised the animal, leave blank.
- ^CIf you purchased the animal, list the price. If you raised the animal, list the value. (For example, if you had to buy an animal of similar quality, what would it cost?)
- ^DList the value of those animals that you have at the close of record. If the animal died, it should be considered a loss. If you sold an animal, report it on the *Income for Project Year* form.

Weight Record

When it is convenient to do so, beef, sheep, and swine should be weighed monthly.

Identification of animals ^A	Beginning weight	Final weight	Total lbs. of gain ^B	Date of beginning weight	Date of final weight	Days on feed ^C	Average daily gain ^D	Remarks
TOTAL (3)				TOTAL (4)				(5) TOTAL

NOTES

^AName, ear tag, ear notch, tattoo, etc.

^BFinal weight - beginning weight = total lbs. of gain

^CNumber of days between beginning weight and final weight

^DTotal lbs. of gain ÷ days on feed = average daily gain

A

Monthly Feed Record And Expenses

(Record by months amounts of feed bought, weighed out, or fed during month.)

GRAIN AND SUPPLEMENTS														
	Amount and cost of grain including commercial mixture								Amount and cost of supplements (protein, mineral, salt, etc.)					
	Corn								Soybean Meal					
	Month	lbs.	cost	lbs.	cost	lbs.	cost	lbs.	cost	lbs.	cost	lbs.	cost	lbs.
Oct.		\$		\$		\$		\$		\$		\$		\$
Nov.														
Dec.														
Jan.														
Feb.														
Mar.														
Apr.														
May														
June														
July														
Aug.														
Sept.														
<i>Total each column</i>														

(6) Total feed cost ^B \$ _____

NOTES

- ^AHome grown feed should be figured at the price at which you could have sold it at the time you used it.
- ^BAdd together the total cost in all of the feed columns (including those of pasture costs) if it applies to your project.

ROUGHAGE (Including pasture)

Amount and cost of roughage (alfalfa hay, mixed hay, corn silage, etc.)								Animal days on pasture (native, alfalfa, stalk fields, brome, etc.)				
Alf. Hay								Native				
lbs.	cost	lbs.	cost	lbs.	cost	lbs.	cost	days	days	days	days	
	\$		\$		\$		\$					
								Total				
								days				
								Pasture				
								months ^D				
								Pasture	\$	\$	\$	\$
								cost ^E				

(7) Total lbs. of feed fed^C: _____

NOTES

^CAdd together the total lbs. of all feed fed to the animals in your project.
^DTo determine pasture months divide Total Days by 30 and record to the nearest half month.
^EPasture charges for your project should be in line with the monthly rental rates most commonly used in your locality.

Expenses Other Than Feed

<i>Expense Items</i>	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Monthly Totals
Veterinary charges													\$
Bedding													
Insecticides													
Breeding fees													
Registration fees													
Trucking													
Insurance													
Commission fees													
Shearing fees (sheep only)													
Interest paid on money borrowed													
Housing													
												TOTAL (8)	\$

Income for Project Year

(Animals or products sold or used at home)

Month	Kind (meat, milk, wool, etc.)	Amount (lbs., gals., doz., etc.)	Price per unit (lbs., hundred, gal., doz., head, etc.)	Value
				\$.
				\$.
				\$.
				\$.
				\$.
				\$.
				\$.
				\$.
				\$.
				\$.
				\$.
				\$.
TOTAL (9)				\$.

Record at Fairs and Shows

(Miscellaneous income)

Kind of exhibit	Name and place of fair or show	Date	Number of exhibits in class	Placing or award	Value of premiums won
					\$.
					\$.
					\$.
					\$.
					\$.
					\$.
					\$.
					\$.
					\$.
					\$.
TOTAL (10)					\$.

Project Efficiency Information

$$\frac{\text{Total lbs. of gain (3) (page 3)}}{\text{Days on feed (4) (page 3)}} = \text{Average Daily gain}$$

$$\frac{\$ \text{Total feed cost (6) (page 4)}}{\text{Total lbs. of gain (3) (page 3)}} = \$ \text{Feed cost per lb. of gain}$$

$$\frac{\text{Total lbs. of feed fed (7) (page 5)}}{\text{Total lbs. of gain (3) (page 3)}} = \text{Lbs. of feed fed per lb. of gain}$$

Comments

Average figures

Financial Summary

Fill in the following to determine the net income from your project (that is, money you have earned for your time, management and financial investment).

INCOME AND VALUE AT CLOSE OF RECORD

Value of animals at close of record (2) page 2	\$	_____	.
Value of animals or products sold or used at home (9) page 7	\$	_____	.
Miscellaneous income (10) page 7	\$	_____	.
<i>Total income</i> (11)	\$	_____	.

EXPENSES AND VALUE AT START OF RECORD

Value of animals at start of record (1) page 2	\$	_____	.
Feed costs (6) page 4	\$	_____	.
Other expenses (8) page 6	\$	_____	.
<i>Total expenses</i> (12)	\$	_____	.
<i>Net profit (or loss)*</i> (11) minus (12)	\$	_____	.

* Please remember that a negative figure does not necessarily mean that you did a poor job with your project. For example, if you recently expanded your project and have not owned the new animals long enough to market them or their products, you could justify a negative figure.

Management Notes

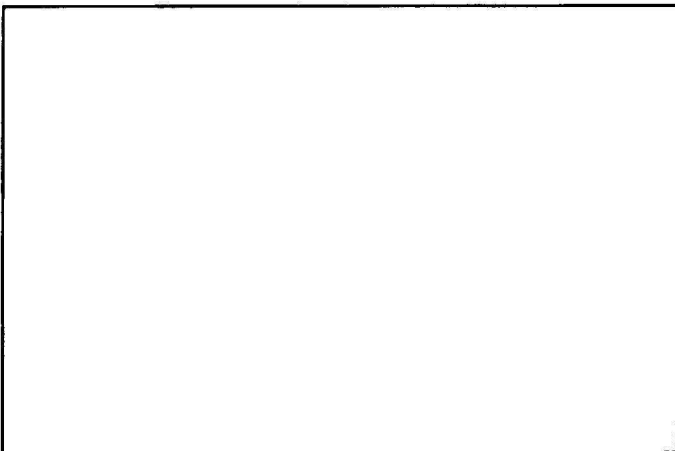
Record information here that will help you manage your project better during the next few months and next year.

Date	Notes

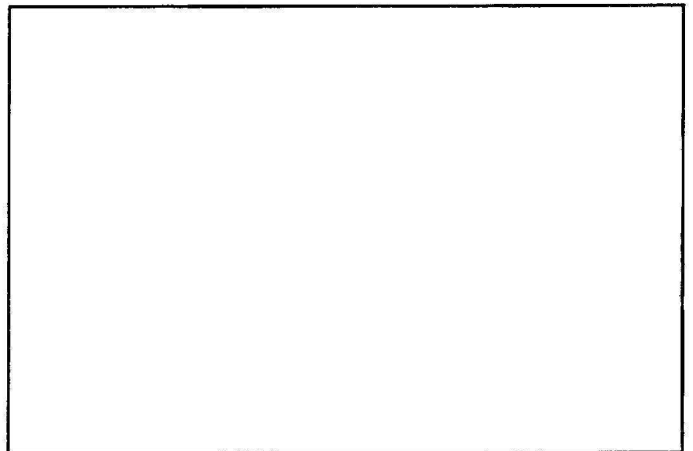
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Project Pictures

Taking a picture of your project animal or animals at the beginning and at the end of your project will indicate how your animal or animals have grown and developed.



Beginning of Project



End of Project

Project Progress and Management Record

1. What are your project goals for this year?

2. Explain how you are financing your market livestock project(s) this year.

3. Give a brief description of the housing for your animal(s) and how you determined how much space was needed.

4. Explain the rations fed your animal(s) and how you decided what diet was required.

5. Tell how you trained and prepared your animal(s) for show.

6. If you've been in the Market Livestock program more than one year, are you doing anything different with your animal(s) this year? Explain your answer.

7. What was your biggest project management problem this year? How did you deal with it?

8. What do your records tell you about improving future market livestock projects?

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9. List any other club activities in which you have participated and responsibilities you have assumed (for example, tours, judging contests, junior leader, club offices held).



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