

# Hawai`i 4-H Livestock Project Book

Form 319 ( 11/04)

Name

Project Title

Yrs. in this Project

I have been advised that the presence of any drug, antibiotic or biological residue in my project animal at slaughter will result in the condemnation of the carcass and forfeiture of all sale proceeds and premiums. I certify that any drug, antibiotic or biological which may have been administered by me, or any other person, was done so in strict compliance with the manufacturer's label requirements.

Signature of 4-H Youth

Date

Signature of Parent or Guardian

Date

## THE COMMITMENT OF 4-H ANIMAL STEWARDS

I WILL:

1. Provide comfortable and sufficient quarters for my animal(s).
2. Feed my animal(s) on time each day.
3. Provide my animal(s) with clean water at all times.
4. Keep my animal(s) free from parasites.
5. Strive to keep my animal(s) in good health.
6. Learn as much as possible about the best methods of feeding and caring for animals.
7. Be kind to animals.
8. Always show good sportsmanship in competition.
9. Keep an accurate record of my projects.
10. Complete my project and take part in the activities of my 4-H Club each year.

## PROJECT PLAN

Before you purchase your animal, begin your project by completing a plan. Review your plan with your 4-H project leader.

### Learning Goals

What do you hope to learn about and what skills do you want to practice while doing this project?

### Planning Notes or Questions You Would Like Answered

#### Production Plan and Performance

	Expected	County	State
Date each Column was Completed			
Starting Date of Project			
Ending Date of Project			
Days on Feed			
Starting Weight, lb			
Final Weight, lb			
Total Weight Gain, lb = Final Wt. - Starting Wt.			
Average Daily Gain, lb/da = Total Wt. Gain/Days on Feed			
Feed Efficiency = Feed Needed/Total Weight Gain Expected Feed Efficiency, lb feed/lb gain Market Hog = 3.0 Steers and Lambs = 7.5 Dairy (birth to 12 months) = 7.5 Dairy (birth to 2 years) = 9.0 Dairy (birth to 3 years) = 10.0			
Feed Needed, lb Expected Feed Needed = Total Wt. Gain x Expected Feed Efficiency			

Financial Plan

	Expected	Actual
Expenses		
Animal Purchase		
Treatment Expenses		
Management Expenses		
Other Expenses		
Exhibit Expenses		
Feed		
Total Expenses		
Income		
Animal Sales Income Needed to Break Even		
Price Needed = Sales Income/Final Weight		

Project Finances

Describe the financial agreements you have made with financial institutions, your parents or other persons regarding this project.

PROJECT ANIMAL

Record this information at the time(s) you purchase your animal and start the project. If you are raising a dairy heifer, fill in "The Dairy Page" and put it after this page.

Name of Animal		Breed	Birthdate of Animal
Starting Date	Starting Weight	Ear Tag Number	Tattoo Number
Purchased From	Purchase Date	Purchase Weight	Total Purchase Price

THE DAIRY PAGE

Your heifer  
Pedigree Information

Sire

Dam

Dam's Production Record

Breeding Record

Record all heat periods.

Gestation length for cattle is 283 days.

Observed in Heat		Bred		Sire Used	Date Due	Pregnancy Test	Cost
Date	Time	Date	Time				
Total Cost							

## MANAGEMENT RECORD

Treatments: Vaccinations, Medications (including in-feed medications), Internal and External Parasite Control

Dates	Product Used	How Given	Amount	Withdrawal Time	Cost
Total Cost					

Other Management Activities: Dehorning, Grooming, Shearing, Veterinary Visit, etc.

Dates	Activity	Observations	Cost
Total Cost			

Other Expenses: Rope, Cane, Halter, Pen Fees, Other Supplies

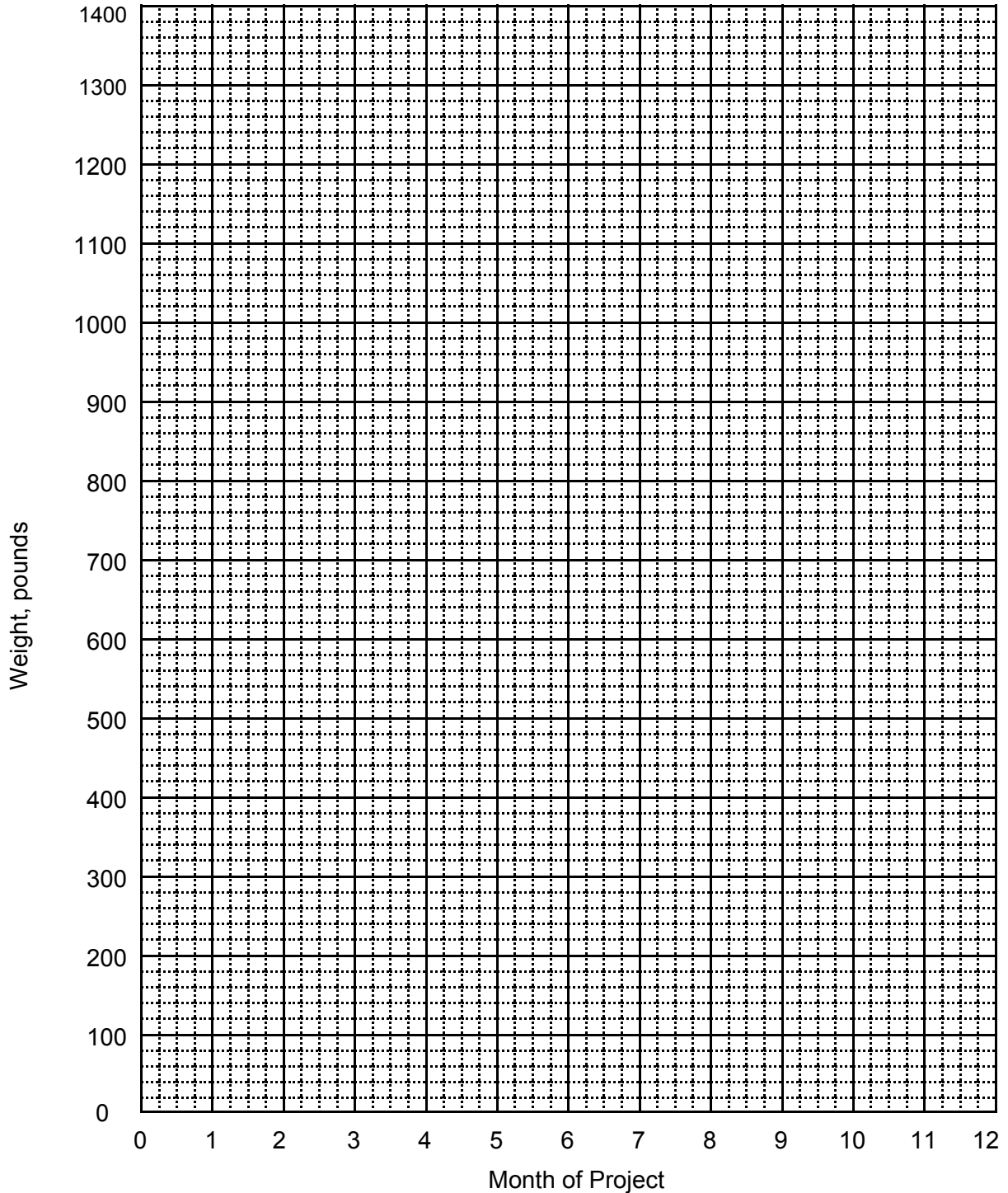
Date	Item	Quantity	Cost
Total Cost			





## BEEF AND DAIRY WEIGHT GAIN

Chart the estimated weight of your animal on this graph each month. Use a tape to estimate weight if a scale is not available. If you have more than one animal, use a different color ink or pencil to show the growth of each one.



## LAMB AND SWINE WEIGHT GAIN

Chart the estimated weight of your animal on this graph each month. Use a tape to estimate weight if a scale is not available. If you have more than one animal, use a different color ink or pencil to show the growth of each one.

