

# Youth Livestock Project Record Book

Name: \_\_\_\_\_

Animal ID: \_\_\_\_\_

Year: \_\_\_\_\_

## **Information and Tips**

1. The record book is an *extra* resource to help you learn and understand your project. This is NOT the Texas 4-H Recordbook. Use this to learn about your project(s)!!
2. This was designed as an additional show entry and serves as another opportunity for a sale slot for the Central Texas Youth Fair (CTYF). You are receiving a modified version for general use. In case of oversight, any mention of CTYF or records/quiz class is not applicable to your utilization of this resource.
3. You are encouraged to weigh your animal at regular intervals throughout the project. Accurate weights will ensure accurate data. If you do not have your own set of scales, please contact the Extension Office at (940) 574-4914 and we will assist you in finding available scales.
4. If you have two animals on feed together, it is recommended to have a separate record book for each project. \*One animal may have different costs, feeding and/or exercise programs, and destinations from the other(s)!\*
5. Be neat from front cover to back cover and write in complete sentences. You will want to be able to read this a few years from now!
6. Project plan page: all figures are estimates only.
7. On facilities lease & interest, if you did not pay any, put in a \$0.
8. Write detailed essays on “feeding, grooming & fitting, training.”
9. Columns of numbers should all be lined up in a straight line. (i.e. center align or left align each column)

## **Other Educational Resources**

- TEXAS 4-H SWINE PROJECT GUIDE
- 4-H MEAT GOAT GUIDE
- 4-H SHOW LAMB GUIDE
- MANAGING BEEF CATTLE FOR SHOW
- EVALUATING MARKET SWINE
- REASONS TERMINOLOGY FOR MARKET STEERS

You can find these and other publications at <http://animalscience.tamu.edu/youth-projects/> or you may come by the Extension Office to pick up a copy!

## Project Plan

This section should be completed before your project is started. This should help you prepare for your project as you **estimate** how much time and money it will take and the potential profit or loss.

1. Approximate date your project will start: \_\_\_\_\_
2. Approximate date your project will end: \_\_\_\_\_
3. Expected beginning weight of animal: \_\_\_\_\_ lbs.
4. Expected finished weight of animal: \_\_\_\_\_ lbs.
5. Anticipated purchase price of animal: \$ \_\_\_\_\_
6. Anticipated cost to feed & maintain animal \$ \_\_\_\_\_
7. Facilities: Where will you keep your animal? \_\_\_\_\_
8. Estimated cost of lease/rent of a place to keep your animal: \$ \_\_\_\_\_
9. Interest: Will you need to borrow money to pay for your project? \_\_\_\_\_
10. Estimated cost of interest: \$ \_\_\_\_\_
11. Anticipated total cost of project:
  - Total of lines 5, 6, 8 & 10 \$ \_\_\_\_\_
12. Anticipated income if animal sells through \_\_\_\_\_ livestock show: \$ \_\_\_\_\_
13. Anticipated income if animal sells on commercial livestock market: \$ \_\_\_\_\_
14. Anticipated profit/loss if animal sells through \_\_\_\_\_ livestock show:
  - Difference between lines 12 & 11 \_\_\_\_\_
15. Anticipated profit/loss if animal sells on commercial livestock market:
  - Difference between lines 13 & 11 \$ \_\_\_\_\_

## Record of Expenses

### I. Purchase Cost

Date Purchased: \_\_\_\_\_ Weight of animal: \_\_\_\_\_ lbs.

Price per lb: \$ \_\_\_\_\_ lbs. Total Cost: \$ \_\_\_\_\_

Date of county validation: \_\_\_\_\_

Weight at county validation: \_\_\_\_\_ lbs.

What was the average cost of a number one quality commercial feeder animal of the same size on the same date you bought your animal?

Price per lb: \$ \_\_\_\_\_ lbs. Total Cost: \$ \_\_\_\_\_

### II. Facilities Lease (if applicable): List all expenses relating to leasing or renting a livestock facility

Date	Paid To	Cost
		\$
		\$
		\$
		\$
	<b>Total Cost:</b>	<b>\$</b>

### III. Interest: If you borrowed money to pay for your project, list the amount you paid or will pay when your project is complete

Date	Paid To	Cost
		\$
		\$
		\$
		\$
	<b>Total Cost:</b>	<b>\$</b>

**IV. Feed:** including hay and supplements

<b>Date</b>	<b>Pounds</b>	<b>Type of Feed</b>	<b>Cost</b>
	lbs.		\$
	lbs.		\$
	lbs.		\$
	lbs.		\$
	lbs.		\$
	lbs.		\$
	lbs.		\$
	lbs.		\$
	lbs.		\$
	lbs.		\$
	lbs.		\$
	lbs.		\$
	lbs.		\$
	lbs.		\$
	lbs.		\$
	lbs.		\$
	lbs.		\$
	lbs.		\$
	lbs.		\$
	lbs.		\$
	lbs.		\$
<b>Total lbs.:</b>	<b>lbs.</b>	<b>Total Cost:</b>	<b>\$</b>

**IV. Feed Continued...**

<b>Date</b>	<b>Pounds</b>	<b>Type of Feed</b>	<b>Cost</b>
	lbs.		\$
	lbs.		\$
	lbs.		\$
	lbs.		\$
	lbs.		\$
	lbs.		\$
	lbs.		\$
	lbs.		\$
	lbs.		\$
	lbs.		\$
	lbs.		\$
	lbs.		\$
	lbs.		\$
	lbs.		\$
	lbs.		\$
	lbs.		\$
	lbs.		\$
	lbs.		\$
	lbs.		\$
	lbs.		\$
	lbs.		\$
	lbs.		\$
	lbs.		\$
Total lbs. this page:	lbs.	Total cost this page:	\$
Total lbs. previous page:	lbs.	Total cost previous page:	\$
<b>Grand Total lbs.:</b>	lbs.	<b>Grand Total cost:</b>	\$

**V. Veterinary Care:** List and describe all expenses relating to maintaining the health of your animal

Date	Veterinary Services or Products Purchased	Cost
		\$
		\$
		\$
		\$
		\$
		\$
		\$
		\$
		\$
	<b>Total Cost:</b>	\$

**VI. Miscellaneous** (Feet trimming, feed buckets, supplements, entry fees, etc.): List any expenses that do not belong in the other major categories

Date	Description	Cost
		\$
		\$
		\$
		\$
		\$
		\$
		\$
		\$
		\$
	<b>Total Cost:</b>	\$

## VII. Expense Summary

Throughout the duration of your project, enter your expenses in each category. When your project is completed, add it up to determine the total cost of your project.

1. Purchase cost of animal:	\$	_____
2. Facility lease (if applicable):	\$	_____
3. Interest (if applicable):	\$	_____
4. Feed:	\$	_____
5. Veterinary Care:	\$	_____
6. Miscellaneous:	\$	_____
<b>Total Cost of Project:</b>	<b>\$</b>	_____

## VIII. Project Summary

1. Estimated weight at show day – OR – official weight as submitted on weight card/weight in:	_____	lbs.
2. Date you started feeding your animal:	_____	
3. Date of show day:	_____	
4. Number of days your animal was on feed:	_____	
5. Beginning weight of animal:	_____	lbs.
6. Weight gain during feeding period: • Line 1 minus line 5	_____	lbs.
7. Calculate the average daily gain: • ADG – Weight gained divided by the number of days on feed. Divide line 6 by line 4	_____	lbs.
8. What was the total of your feed costs from section IV?	\$	_____
9. Calculate the feed cost of gain per pound: • Divide your feed cost by the weight gain of the animal. Divide line 8 by line 6.	\$	_____ /lbs.



10. What was the total amount of feed in pounds that you fed your animal? \_\_\_\_\_ lbs.

11. Calculate the feed conversion ratio, which is the amount of feed necessary to produce a pound of gain

- Divide the total pounds of feed used by the weight gain. Divide line 10 by line 6 \_\_\_\_\_ lbs.

**Variables**

Did you have any unusual or unexpected events that may have affected the outcome or performance of your project? If so, please describe the circumstances and how it affected your animal.

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---





