



Central Texas Youth Fair Official Record Book

Exhibitor: _____

Mailing Address: _____

Grade as of May 1, 2024: _____

Level: **Junior** _____ **Senior** _____

Class: _____

Validation #: _____

Due at exam check-in, Tuesday, June 4, 2024

Record Book Tips

This tip sheet is intended for help only. It is not part of the record book.

1. Be neat, accurate, and complete.
2. Cover Sheet: The line for class refers to Swine, Lamb, Steer, Goat, Rabbit or Poultry.
3. The project plan page is simply to help you plan for your project. All answers to these questions are estimates and you will not be judged on whether or not you met your projections.
4. You are encouraged to weigh your animal at the beginning and near the end of the project. Accurate weights will make your data more accurate. If you are not able to weigh your animal on a scale, then you may need help from your parents or project advisor to get an accurate estimate.
5. While your project will not be completed until your animal is sold after the fair, for the purpose of the record book competition, you must close out your record book when you take your quiz. It will probably be necessary for you to weigh your animal a few days before then or make as accurate an estimated weight as possible. Use this estimated weight to complete Section VIII Project Summary.
6. If you have two animals that are being fed together, use this record book for only one animal. Enter only the expenses of one animal in this book.
7. Record books will be returned during the fair.
8. Proper completion and understanding of the record book will help prepare the exhibitor for some of the quiz questions.
9. The quiz portion of this competition will be given at the time set by the Fair Board. Exhibitors can expect general questions on breed characteristics, feeding and management practices, health care, reproduction, and carcass characteristics. There will be a different quiz for each class. The exhibitor will only take the quiz for the class he/she is entered in. The quiz may be multiple choice, fill in the blank, or true/false. Part of the quiz will always be a problem to determine factors such as feed conversion, average weight gain and profit/loss on a project.
10. Do the book yourself in your own handwriting.
11. Computer or simulated versions are not acceptable.
12. Use only the Central Texas Fair Official Fair Record Book.
13. For pen entry animals (poultry and rabbits), complete this book based on 1 pen of animals (3).

RECORD/QUIZ CLASS TIPS

The majority of the quiz questions will be taken from the following publications:

TEXAS 4-H SWINE PROJECT GUIDE
4-H MEAT GOAT GUIDE
4-H SHOW LAMB GUIDE
MANAGING BEEF CATTLE FOR SHOW
RABBIT PROJECT REFERENCE MANUAL

Other helpful publications include:

EVALUATING MARKET SWINE
REASONS TERMINOLOGY FOR MARKET LAMBS
REASONS TERMINOLOGY FOR MARKET STEERS
GETTING STARTED WITH SHOW BROILERS
NUTRITION AND FEEDING OF SHOW POULTRY
HOW TO PRODUCE BROILERS AND ROASTERS FOR SHOW

You can find these and other helpful publications at:

<http://animalscience.tamu.edu/youth-projects/index.htm>

<http://texasyouthlivestock.com/poultry/>

Helpful resources for finding commercial livestock market value for record book

Broilers (just use the most recent figures) https://www.nass.usda.gov/Statistics_by_Subject/result.php?C05A64E0-C099-30CA-85F7-062B7C3EDCF9§or=ANIMALS%20%26%20PRODUCTS&group=POULTRY&comm=CHICKENS

Rabbits: (use the latest report) <https://mymarketnews.ams.usda.gov/viewReport/3645>

Hogs: (just use the most recent figures *note these are represented in \$/ctw [\$ per 100lbs])

https://www.nass.usda.gov/Statistics_by_Subject/result.php?62EEAB9D-3FDF-3194-A3CD-26A6BBD64F17§or=ANIMALS%20%26%20PRODUCTS&group=LIVESTOCK&comm=HOGS

Cattle, sheep, and goats: use recent reports from local sales in our area

SOME QUESTIONS WILL BE BASED ON THE RULES FOR THE CENTRAL TEXAS YOUTH FAIR.

SENIOR QUIZZES WILL ALSO ASK QUESTIONS ABOUT COMMERCIAL LIVESTOCK PRODUCTION PRACTICES.

RECORD BOOK

DO THE OFFICIAL FAIR RECORD BOOK IN YOUR HANDWRITING. DO NOT LET ANYONE ELSE WRITE IN YOUR BOOK. COMPUTER SIMULATION IS NOT ALLOWED.

1. Be neat from front cover to back cover.
2. Project plan page all figures are estimates only.
3. Put dollar sign (\$) on all figures where applicable.
4. Make sure your calculations are correct.
5. Include your CTYF entry fee and validation fee as a miscellaneous expense.
6. Make sure you know how to do all calculations in the project summary section. This will help you on the problem portion of the quiz.
7. Write detailed essays. Essay portions left blank will receive no credit.
8. Write in complete sentences.
9. Under variables do not just write "none." Write "there were no unusual circumstances that affected the outcome of my project."
10. Columns of numbers should all be lined up in a straight line.
11. 1st place in Junior and Senior category in all 6 livestock divisions is eligible for the sale, however they must make a 70% combined score to make the sale Record book is worth 100 points, quiz is worth 100 points, and market readiness is worth 50 points. You must have a combined total of 175 points or more in order to make the sale. You must participate in all 3 portions.
12. Market readiness score is determined by the judge in the ring during your species record quiz class
13. Tie breakers will be taken from record book in regards to completeness, legibility, and attention to detail.
14. Accommodations for students requiring help reading the quiz is available and will be provided by a volunteer who cannot be the students' family member, coach, or advisor. Please notify the Superintendent prior to the quiz so that sufficient volunteers can be provided.

DO YOUR RECORD BOOK AHEAD OF TIME INSTEAD OF TRYING TO DO IT ALL THE NIGHT BEFORE THE QUIZ.

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 what is your potential profit or loss. For pen animals, use

1. Approximate date your project will start. _____
2. Approximate date your project will end. _____
3. Expected beginning weight of animal. _____
4. Expected finished weight of animal _____
5. Anticipated purchase price of animal. \$ _____
6. Anticipated cost to feed & maintain animal. \$ _____
7. Anticipated other miscellaneous costs. _____
8. Anticipated total cost of project.
Total of lines 5, 6 & 7. \$ _____
9. Anticipated income if animal sells through Central Texas Fair Sale. \$ _____
10. Anticipated income if animal sells on commercial livestock market. \$ _____
11. Anticipated profit/loss if animal sells through Central Texas Fair Sale.
Difference between lines 8 and 9. \$ _____
12. Anticipated profit/loss if animal sells on commercial livestock market.
Difference between lines 8 and 10 \$ _____

Record of Expenses

I. Purchase Cost

Date Purchased: _____

Weight of animal: _____

(For pen animals
multiply by 3)

Price per lb: _____

Total Cost: _____

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: _____

Total Cost: _____

Weight at county validation: _____

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

Date	Veterinary Services or Products Purchased	Cost
	Total Cost:	

III. Miscellaneous (Feet trimming, feed buckets, supplements, etc.): List any expenses that don't belong in the other major categories.

Date	Description	Cost
	Total Cost:	

IV. Feed: (list when you purchased feed, include hay and supplements) (for pen animals, calculate the cost to feed 3 animals)

Date	Pounds	Type of Feed	Cost
Total Lbs:		Total Cost:	

IV. Feed Continued...

Date	Pounds	Type of Feed	Cost
Total Lbs this page:		Total cost this page:	
Total Lbs previous page:		Total cost previous page:	
Grand Total Lbs:		Grand Total cost:	

VII. Expense Summary

While your project is not finished yet, most of your expenses have been incurred. For the purpose of this record book competition, you must total your expenses as of May 31st, 2024. This is the Friday before the fair and when this record book is due to be turned in. Enter your expenses in each category and add it up to determine the total cost of your project.

1. Purchase cost of animal(s):	\$ _____
2. Feed:	\$ _____
3. Veterinary Care:	\$ _____
4. Miscellaneous:	\$ _____
5. Total Cost of Project:	\$ _____

VIII. Project Summary

While your project is not finished yet, it is close enough to being completed for you to do some calculations to see how your animal performed. It will be necessary for you to estimate your animal's weight on the Friday before the fair. Your project advisor or parents can help you make this estimate. For pen animals, calculate figures for just your best 3 animals not the entire flock/herd. For weight related questions show data as an average x 3. Example: average 3 pounds x 3 animals = 9 lbs total.

1. Estimated weight as of the Friday before the fair. _____
2. Date you started feeding your animal. _____
3. Date of the Friday before the fair. _____
4. Number of days your animal was on feed. _____
5. Beginning weight of animal. _____
6. Weight gain during feeding period.(Line 1 minus line 5) _____
7. Calculate the average daily gain. _____

(ADG-Weight gained divided by number of days on feed. Divide line 6 by line 4.)

8. What was the total of your feed costs from section IV only? _____
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.)

10. What was the total amount of feed in pounds that you fed your animal? _____
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.)

Grooming and Fitting: Describe your grooming and fitting plan, this can include how you maintained the space where you housed your animal(s).

Feeding: Describe your feeding plan and schedule. Specifically, what type of feed (grower, finisher), and when and how you decided to make changes.

Training: Describe how you trained your animal for the fair. This can also include how did you prepare and practice to be in the show ring.

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.

Industry Questions

As a food producing animal, what are some common cuts of meat from your chosen livestock species? Are they widely consumed in the United States?

More Industry Questions.

Give a brief explanation of how your chosen species is raised on the commercial scale in the United States.

Tell me something you learned about livestock that you did not know before this year's project. This can be specific to your animal and its care, OR the industry information that you learned about in order to answer the previous two questions.

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