Senior Livestock Record

COLORADO STATE UNIVERSITY EXTENSION

For Use by Members 14-18 Years Old

2025-2026

Please check all the projects you are in this year and fill out name, etc. Then print and sign this form at the <u>start</u> of your project.

Project Species	Market	Years in Project	Breeding/Egg Production	Years in Project
Beef				
Poultry - Chicken				
Rabbit				
Sheep				
Swine				
Turkey				
Market (Meat) Goats				

Project Species	Other Livestock	Years in Project
Dairy Cattle		
Dairy Goats		
Fiber Goats		
Pygmy Goats		
Utility Goats		
Chicken - Show Birds		
Ducks		
Geese		
Pigeons & Game Birds		

Records must be printed in landscape format. Records may be completed on the computer or neatly handwritten.

Name
_____

4-H Club
_____

4-H County
_____

Birth Date
_____

Age as of December 31
_____

PROJECT AGREEMENT

To be signed at the beginning of your 4-H project year

I will be responsible for feed, care, and management of my animals. I will keep good records and finish my record book to complete my project. I will be responsible for management decisions concerning the health, welfare, profitability, and product quality of my project.

_____
Member Signature   Date

As a parent or supporter, I realize that animal projects require a considerable amount of expense and labor. I will support this youth in his/her efforts and allow him/her to learn as much as possible from the experience. The youth is expected to be responsible for labor, care, and management decisions affecting the project. I will help where needed by giving guidance and instruction.

_____
Parent Signature   Date

GOALS

Identifying goals and how you are going to reach those goals is important to help you become more skilled and knowledgeable about your project and other parts of your life. Goals may be personal or specific to your project. Ask yourself, "what do I want to accomplish this year?" **Record TWO SMART goals that are Specific, Measureable, Attainable, Realistic and Timely each with two "To Do's" that will help you complete your goal.** Use complete sentences.

Goal A	
"To Do" Plan	1
	2

Goal B	
"To Do" Plan	1
	2

Knowing the contact for your local veterinarian is important for all animal owners in case an animal gets sick or hurt.

Name & Phone Number of Veterinarian:

EQUIPMENT/SUPPLIES INVENTORY

At the start of the project year, list all the equipment you own (item). Then record under BEGINNING how many you have of each item (Quantity) and how much they are currently worth (Value). At the end of your project year, add any new items you own to the list. Then record under ENDING how many you now have and how much they are now worth. **Record all animals in Animal Inventory, Animal Purchase Record, or Breeding Supplement as appropriate (pg. 4 - 6). If an item is given to you at no cost (i.e. donation, gift), still include a value amount in your inventory as that item still has monetary value for your project.** Remember if you have used up, sold, or purchased items, your Ending Inventory (Quantity, Value) will be different from your Beginning Inventory.

Record a Beginning and Ending date. **For first year members, the project START is the first day you enroll in 4-H. For returning members, the project START is the last day of last year's Record Book or October 1. The project END is the date you turn in your Record Book or Sept 30.**

Item	Beginning		Ending	
	Date		**Date**	
	Quantity	**Value**	**Quantity**	**Value**
Ex. Livestock Panels	10	$150.00	14	$210.00
14 ft. Bumper Trailer	1	$1,000.00	1	$900.00
Goat Show Collar	2	$30.00	1	$13.50
	TOTAL BEGINNING:		**TOTAL ENDING:**	

ANIMAL INVENTORY

At the start of your project, record all the animals own in START Animal Inventory. Record the value of your animal under the correct project column (even if you only have one project) and under the Animal Value Column. Remember to label the project columns. **Record any animals you buy in Animal Purchase (pg. 6) and NOT in START Animal Inventory.** If any time during the year you sell one of these animals or one dies, record "sold or died" in the last column for that animal. **Remember to record any animals you sell in Income Record (pg. 11).** At the end of your project, record all the animals you still have in END Animal Inventory. Do not leave blank. Record "no animals owned" where applicable. Add more lines/pages as needed.

For first year members, the project START is the first day you enroll in 4-H. For returning members, the project START is the last day of last year's Record Book or October 1. The project END is the date you turn in your Record Book or Sept 30.

What animals do I own at the START of my project? Animal ID (tag/sex/name)	Project: Value	Project: Value	Project: Value	Project: Value	Total Animal Value	During the 4-H year, Was this Animal Sold? Did this Animal Die?
Ex. Dairy Ewe, Jamie	(Mkt Beef) $0.00	(Brd Beef) $0.00	(Dairy Goat) $300.00	(Poultry Egg) $0.00	$300.00	--
Ex. Heifer #356	$0.00	$1,500.00	$0.00	$0.00	$1,500.00	Sold
TOTAL START VALUE:						

What animals do I own at the END of my project? Animal ID (tag/sex/name)	Project: Value	Project: Value	Project: Value	Project: Value	Total Animal Value
Ex. Dairy Ewe, Jamie	(Mkt Beef) $0.00	(Brd Beef) $0.00	(Dairy Goat) $350.00	(Poultry Egg) $0.00	$350.00
TOTAL END VALUE:					

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REQUIRED SUPPLEMENTS

The following projects require a supplement page:

PROJECT	SUPPLEMENT NAME
Breeding Beef	Breeding Beef Record
Breeding Goats	Breeding Goat Record
Breeding Rabbits	Individual Buck, Individual Doe and Individual Litter Rabbit Records
Breeding Sheep	Breeding Sheep Record
Breeding Swine	Breeding Swine Record
Dairy Cattle	Dairy Cow Record
Fiber Goats	Angora Goats or Cashmere Goats
Poultry Chicken - Egg Production	Poultry Breeding Record

Download each supplement page you need and include it in your Record Book between Animal Inventory (pg. 4) and Animal Purchase Record (pg. 6). Keep supplement pages from year to year if relevant to your current projects.

All supplement pages can be found on the following webpage.

http://co4h.colostate.edu/program-areas/animals/

NOTE: If you are in a breeding project, but you did not breed your animals this year, write "did not breed" on your breeding records so others who view your record book will know that you choose not to breed this year.

ANIMAL PURCHASE RECORD

Record animals you buy during this 4-H year. Record the cost of the animal under the correct project column and under total cost. Remember to label project columns. **If you <u>own</u> an animal at the beginning of the 4-H year, it should be listed in START Animal Inventory (pg. 4) and NOT in Animal Purchase Record.**

<u>Record "no animals purchased" if you did not buy any animals for your project this 4-H year.</u>

Date	Animal ID (tag/sex/name)	Seller	Project: $	Project: $	Project: $	Project: $	Total Cost	Did Animal Die?
Ex: 2/15	Steer #245	Mr. Smith	(Mkt Beef) $3,000.00	(Brd Beef) $0.00	(Dairy Goat) $0.00	(Poultry Egg) $0.00	$3,000.00	No
TOTAL ANIMAL PURCHASE:								

HEALTH RECORD

Enrolling in an animal project requires you to take responsibility for the health and treatment of your animal(s). Record all health care for your animal(s) including medications, immunizations (shots), dewormers, as well as management care such as fly prevention, nail/hoof trimming, shearing, clipping, cleaning pens, feed tubs, and water tanks, etc. **Also include supplement and medicated feeds (check the feed tag). Remember to record the cost of health care services and supplies in Health Expense Record (pg. 8) and Medicated Feeds in Feed Expenses (pg. 9).** Do not leave any blanks. Record N/A where

Date	Animal ID (tag/sex/name)	Reason for Treatment	Treated With, How Much (dosage), Method of Administration	Lot Number Expiration Date	Person Who Administered Treatment	Withdrawal Time	Date of Completed Withdrawal
Ex. 5/1	Pig #122	Bacterial Infection	Aquacillin - 4cc, IM, Neck	Lot:123456 Exp: 2013	Dr. Smith	7 days	7/8
6/12	Pig #122, 123	Dirty Water tank	Baking Soda - 1/2 cup, scrubbed with brush	N/A	Joe Kelly	N/A	N/A
6/7 - 6/30	Pig #122, 123	Pig Grower with medication	Carbadox - 50g/ton, in feed	F#150 07/13	Johnny Whitman	42 days	8/11

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HEALTH EXPENSE RECORD

Record health expenses such as veterinary and health care costs. **Remember to include veterinarian/service fees and any items you purchase for care listed on your Health Record (pg. 7). Record supplements and medicated feeds in Feed Expense Record (pg. 9).** Label and fill out the project column even if you only have one project. Add more lines/pages as needed.

Record "no expenses" if there were no health expenses this 4-H year.

Date	Health Item	Paid To	Project: $	Project: $	Project: $	Project: $	Total Cost
Ex: 5/15	CDT Vaccine	ABC Vet Clinic	(Mkt Beef) $60.00	(Brd Beef) $20.00	(Dairy Goat) $20.00	(Pltry Egg) $0.00	$100.00
		TOTAL HEALTH EXPENSE:					

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FEED EXPENSE RECORD

Record all feed, grain, hay, water, and pasture you purchase during this 4-H year. Charge the appropriate amount to the specific project column(s) for which you purchased the feed. Then enter the total amount and cost. Remember to include units. **If animal is boarded, feed costs should be calculated separately from board cost and included on this page in order to calculate Average Daily Gain. Board costs should be recorded in Other Expense Record (pg. 10).** Add more lines/pages as needed.

Date	Item	Paid To	Project: Amt:	$	Project: Amt:	$	Project: Amt:	$	Project: Amt:	$	Total Amt.	Total Cost
Ex: 5/15	Mixed Grain	XYZ Feed	25	(Mkt Beef) $20.00	25	(Brd Beef) $20.00	$0.00	(D Goat) $0.00	$0.00	(Pltry Egg) $0.00	50 lbs	$40.00
7/10	Pasture	EFG Farm	0	$0.00	0	$0.00	30 days	$50.00	0	$0.00	30 days	$50.00
TOTAL FEED EXPENSE:												

OTHER EXPENSE RECORD

Record all other expenses such as show supplies, equipment, tack, pen or barn rent, clinic/lesson fees, entry fees, fuel for transportation, tagging fees, brand inspections, farm utilities (except water) and other non-feed, non-health costs. **Label and fill out the project column even if you only have one project.** Add more lines/pages as needed.

Record "no expenses" if there were none this 4-H year.

Date	Item	Paid To	Project: $	Project: $	Project: $	Project: $	Total Cost
Ex: 5/15	4 Livestock Panels	RST Ranch Supply	(Mkt Beef) $0.00	(Brd Beef) $0.00	(Dairy Goat) $70.00	(Pltry Egg) $0.00	$70.00
TOTAL OTHER EXPENSE:							

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INCOME RECORD

Record all income you earned this 4-H year. Income may be from selling animals, equipment or tack, and from show winnings, barn work, etc. **If an animal is owned at the end of the 4-H year, the animal should be listed in END Animal Inventory (pg. 4).**

Record "no income" below if you did not receive any money this 4-H year.

Date	Item/Animal ID (tag/sex/name)	Income From	Project: $	Project: $	Project: $	Project: $	Total Income
Ex: 8/15	Fair Premiums	County Fair	(Mkt Beef) $20.00	(Brd Beef) $20.00	(Dairy Goat) $5.00	(Poultry Egg) $10.00	$55.00
8/15	Steer #245	County Fair Jr Mkt Sale	$2,000.00	$0.00	$0.00	$0.00	$2,000.00
		TOTAL INCOME:					

COMPARISON OF MARKET VS. FAIR SALE PRICES

Record market projects ONLY to evaluate your project(s) based upon actual market animal prices. **Do not list non-market projects.**

Record N/A if it is a market project but you did not sell a market animal in that project at county fair.

	Project:	Project:	Project:	Project:	Total All Projects
A. How much did you sell your animal for at county fair?					
B. What is the floor-price/market-price per lb. for your project species?					
C. How much does your animal weigh?					
D. What is the market value of your project? (B x C)					
E. What is the difference between the market value of your project and the price received at county fair? (A – D)					

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FINANCIAL SUMMARY

Record your total income and expense for each project and the total for all projects to see if you made or lost money on your projects this year. **Question R should be completed ONLY on Market Projects where an animal was sold at county fair. This part shows how much you would have made/loss in the open market.** Record N/A on Question R for projects not sold at county fair. *Note: Formulas have been entered into the chart to help with entering totals and making calculations. If you wish to print and handwrite your totals and the calculations, you can delete the formulas out of the cells in column H before you print the page.*

Income	Project:	Project:	Project:	Project:	Total All Projects	Directions
F. What is the value of the equipment you still own at the end of the year?	▓	▓	▓	▓	$0.00	*Total End Value (pg. 3)*
G. What is the value of animals you still own at the end of the year?					$0.00	*Total End Value (pg. 4)*
H. How much money did you earn?					$0.00	*Total Income (pg. 11)*
I. What is your total income?					$0.00	*F + G + H*
Expenses						
J. What was the value of the equipment you owned at the start of the year?	▓	▓	▓	▓	$0.00	*Total Start Value (pg. 3)*
K. What was the value of the animals you owned at the start of the year?					$0.00	*Total Start Value (pg. 4)*
L. How much did you spend on animals?					$0.00	*Total Animal Purchase (pg. 6)*
M. How much did you spend on health expenses?					$0.00	*Total Health Expense (pg. 8)*
N. How much did you spend for feed?					$0.00	*Total Feed Expense (pg. 9)*
O. How much did you spend on other expenses?					$0.00	*Total Other Expense (pg. 10)*
P. What are your total expenses?					$0.00	*J+K+L+M+N+O*
Profit/Loss						
Q. What is your overall balance?					$0.00	*I – P*
R. What would your profit/loss be without the county fair price?					$0.00	*Q – E (E from pg. 11)*

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MARKET ANIMAL PERFORMANCE

This page is ONLY for Market Animal projects (Beef, Goat, Poultry, Rabbit, Sheep, Swine & Turkey)
Record N/A in the Project box if you are not in one of these market projects.

It is important to evaluate your market animal's progress during the project by determining Average Daily Gain (ADG) regularly. This will help you to assess your feeding so you can meet market weights for fair. Add more lines as needed.

Complete a market animal performance page for EACH MARKET ANIMAL OR GROUP OF ANIMALS FED ALIKE. Record weights in pounds. Rabbits and poultry weights can be in ounces.

See Record Book Guide for help with Market Animal Performance.

Project:		Animal(s) ID:				
Weigh Date	**A) Weight**	**B) Weight Gained** (current A - previous A)	**C) Number of Days Since Last Weight**	**Average Daily Gain (ADG)** (B / C)	**Amt of Feed** for this animal or group	**Cost of Feed** for this animal or group
		Beginning weight, you do not need to fill out the rest of this line				
TOTALS:						
		D) TOTAL WEIGHT GAINED	**E) TOTAL DAYS**		**F) TOTAL FEED**	**G) TOTAL COST**

Enter the beginning weight (tag-in weight) of your market animal(s) in the first row. Each time you weight your animal(s), enter this in the next row and determine the ADG. At the end of the year, calculate your overall ADG, Feed Efficiency, and Feed Cost of Gain to help you assess how well your feeding program helped your animal prepare for market. **For directions on how to get weights without a scale, click on this link below:**

https://cals.arizona.edu/backyards/sites/cals.arizona.edu.backyards/files/p11-12.pdf

Average Daily Gain
How rapidly did your animal(s) gain weight?

D / E

pounds per day

Feed Efficiency
How much feed did your animal(s) need to gain one lb.?

F / D

pounds of feed per pound gained

Feed Cost of Gain
How much did feed cost to produce a pound of gain?

G / D

dollars per pound gained

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INVOLVEMENT RECORDS

4-H Members must complete a community service activity and a demonstration in order to complete their project. The 4-H program also provides additional opportunities for leadership, exhibition, and judging. **Record your involvement in these areas which may be within or outside of 4-H.** Record "none" or N/A where it applies. Add more lines as needed.

What did you do for your community? How did you practice citizenship?	Date, Hours	What did you learn?

What did you demonstrate? What speech(es) did you give?	Date	What did you learn?

How were you a leader or helpful to others? What leadership events did you attend?	Date	What did you learn?

Where did you exhibit/show? What judging activity(ies) did you do?	Date	What did you learn?

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STORY AND PICTURES

It is suggested that you complete the following other requirements in a separate document such as in Microsoft Word and attach pictures on another page. <u>Insert story and pictures before Project Completion (pg. 16).</u>

Project Pictures

Include a <u>minimum of four</u> pictures with a descriptive caption for each are expected. **Include pictures that demonstrate the progress of your project.** Additional photos may be added.

4-H Story

Tell us about your 4-H experience in a story. The following may be used as a guide to help you in compose a story related to your project(s).

About Me

* Tell how old you are and when you joined 4-H

* Tell why you joined 4-H

* Share about your interests or hobbies

* Tell about future and career plans

4-H Project and Activities

* Describe your projects. Tell how they were successful or challenging

* Explain your goals and which ones you reached

* Share what you would do differently if you were to try it again

* Describe what skills have you learned this year

* Tell how your projects have grown in size and scope?

* Explain how you have arranged for financing (if needed)

* Tell about any adults or other 4-H members that were especially helpful to you. Share how they were helpful.

Leadership and Citizenship

* Share what leadership and citizenship mean to you

  Tell how 4-H has helped you become a better leader and citizen.

* Describe what types of citizenship or leadership projects have you been involved in

* Tell how you have contributed to 4-H, your community & your school

* Describe the most important offices you have held and the committee assignments you have accepted.

* Share what you have learned from working with other 4-H'ers as a junior or teen leader

4-H's Impact on You

* Tell how your 4-H participation changed how you feel about yourself

* Tell how your participation influenced your school and career goals

* Describe what being a 4-H member means to you

Story may be typed or hand-written with 1 inch margins. Handwritten stories should be written on lined, white notebook paper and be legible. Typed stories should be on plain, white paper and no smaller than 12-point font. **Limit your story to a maximum of three (3) pages. Remember that good grammar, correct spelling, and complete sentences are important.**

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GOAL REFLECTION

Goals help you achieve more when you review them each year. At the END of the year, answer the following questions in <u>complete sentences</u>.

Did you meet your goal this year (pg. 2)? Why or why not?	
Which 'To Do's did you complete?	
What helped you complete your goal? What challenges kept you from reaching your goals?	

PROJECT COMPLETION

I declare that the information in this book is correct and all 4-H requirements, including Meat Quality Assurance training, have been completed to the best of my knowledge. (This should be signed at the end of the project.)

Last Meat Quality Assurance training attended:

_____

Date   Location

_____

Member Signature   Date

_____

Leader Signature   Date

_____

Parent/Guardian Signature   Date

NOTE: Include this as the <u>last page</u> of your Record Book, <u>after</u> your story and pictures.

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