Intermediate Livestock Record

4-H | COLORADO STATE UNIVERSITY EXTENSION

For Use by Members 11-13 Years Old

2023-2024

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.

Projects 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 ONE SMART goal that is Specific, Measureable, Attainable, Realistic and Timely. Record two "To Do's" that will help you complete your goal.** Use complete sentences.

Goal	
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:

If you are unsure what to do, who can you go to for help about your project(s)?

EQUIPMENT/SUPPLIES INVENTORY

Record equipment, tack, tools, trailers, fencing, and any other items used for your project this 4-H year and a value (make your best guess) of what that item is worth. <u>Items may be owned or borrowed</u>. **Remember to include any items you have listed in Other Expense Record (pg. 10). Record <u>all animals</u> in Animal Inventory, Animal Purchase Record, or Breeding Supplement as appropriate (pg. 4 - 6).**

Start this list at the beginning of the 4-H year and add to it anything you use for your project throughout the year.

Item	Value		Item	Value
Ex. Ten Livestock Panels	$150.00		Ex. Show Goat Collar	$10.00
Ex. Blue Show Shirt	$25.00		Ex. 14 ft Bumper Stock Trailer	$1,000.00
Sub-Total			**Grand Total**	

ANIMAL INVENTORY

At the start of your project, record the animals you own in START Animal Inventory. Record the value of your animal under the correct project column even if you only have one project. 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 enrolled 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?	Project:	Project:	Project:	Project:	Total Animal Value	During the 4-H year, Was Animal Sold? Did Animal Die?
Animal ID (tag/sex/name)	Value	Value	Value	Value		
Ex. Jamie, ewe	(Mkt Beef) --	(Brd Beef) --	(Dairy Goat) $300.00	(Poultry Egg) --	$300.00	No
Ex. Heifer #356	--	$1,500.00	--	--	$1,500.00	Sold
TOTAL START VALUE						

What animals do I own at the END of my project?	Project:	Project:	Project:	Project:	Total Animal Value
Animal ID (tag/sex/name)	Value	Value	Value	Value	
Ex. Jamie, ewe	(Mkt Beef) --	(Brd Beef) --	(Dairy Goat) $350.00	(Poultry Egg) --	$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/Dairy 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). <u>Keep supplement pages from year to year if relevant to your current projects.</u>

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 "<u>did not breed</u>" on your breeding records so others who view your Record Book will know that you chose not to breed this year.

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ANIMAL PURCHASE RECORD

Record animals that you purchase during this 4-H year. Record the cost of the animal under the correct project column and under total cost. Remember to label the project columns and record if animal died this 4-H year. **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) $1,000.00	(Brd Beef) $0.00	(Dairy Goat) 0.00	(Poultry Egg) $0.00	$1,000.00	No
TOTAL ANIMAL PURCHASE:								

HEALTH RECORD

Enrolling in an animal project requires you to take responsibility for the health of your animal. Record all health care for your animal(s). This includes 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 supplements 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 blank. Record N/A where applicable.

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	Gilt #122	Bacterial Infection	Aquacillin - 4cc, IM, Neck	Lot:123456 Exp: 2013	Dr. Smith	7 days	7/8
6/12	Gilt #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	Gilt #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 medical care and treatment costs. **Remember to include veterinarian/service fees and any items you purchase listed on your Health Record (pg. 7). Record supplements and medicated feeds in Feed Expenses Record (pg. 9).** Label and fill out project columns even if you only have one project. Add more lines/pages as

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, or pasture rent you purchase during this 4-H year. Charge the appropriate amount to the specific project column(s) for which you purchased the feed. Then record the total amount and cost. <u>Remember to include units.</u> **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. Record board costs 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 lbs	(Mkt Beef) $20.00	25 lbs	(Brd Beef) $20.00	0	(D Goat) $0.00	0	(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:												

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OTHER EXPENSE RECORD

Record all other expenses such as show supplies, equipment, tack, pen or barn rent, entry fees, clinic/lesson fees, fuel for transportation, tagging fees, brand inspections, farm utilities (except water), and other non-feed, non-health costs. Label and fill out project columns even if you have just 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	(Mt Beef) $0.00	(Brd Beef) $0.00	(D Goat) $70.00	(Pltry Eggs) $0.00	$70.00
TOTAL OTHER EXPENSE:							

Intermediate Livestock

INCOME RECORD

Record all the income you earned this year. Income may be from selling animals, equipment, tack, or from show premiums, barn work, jackpot winnings, 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 year.

Date	Item/Animal ID (tag/sex/name)	Income From	Project: $	Project: $	Project: $	Project: $	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 prices. **Do not list non-market projects.**

Record N/A on chart if it is a market project and 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)					

Intermediate Livestock

FINANCIAL SUMMARY

Record your income and expenses for each project and the total of all projects to see if you made or lost money on your projects this year. **Question P should be completed ONLY on Market Projects where an animal was sold at the county fair. This part shows how much you would have made/loss in the open market.** Record N/A on Question P 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.	*How much are your animal(s) worth at the END of the year?*					$0.00	*Total End Value (pg. 4)*
G.	*How much money did you earn?*					$0.00	*Income Total (pg. 11)*
H.	*What is your total income?*					$0.00	*F + G*

Expenses							
I.	*How much were your animal(s) worth at the START of the year?*					$0.00	*Total Start Value (pg. 4)*
J.	*How much did you spend on animals?*					$0.00	*Total Animal Purchase (pg. 6)*
K.	*How much did you spend on health?*					$0.00	*Total Health Expense (pg. 8)*
L.	*How much did you spend for feed?*					$0.00	*Total Feed Expense (pg. 9)*
M.	*How much did you spend on other expenses?*					$0.00	*Total Other Expense (pg. 10)*
N.	*What is your total expense?*					$0.00	*I+J+K+L+M*

Profit/Loss							
O.	*How much did you make/lose from your project(s)?*					$0.00	*H – N*
P.	*What would you have made without the county fair price?*					$0.00	*O – E (E from pg. 11)*

Intermediate Livestock

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.

Record your market animal weights and track your animal's performance during the project by determining Average Daily Gain (ADG) regularly. This will help you to assess your feeding so you can reach market weights for fair. At the end of the year, calculate your Total Average Daily Gain and reflect on how well your feeding program helped your animal prepare for market.

Complete a market animal performance page for <u>EACH MARKET ANIMAL OR GROUP OF ANIMALS FED ALIKE</u>

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)
		Beginning weight, you do not need to fill out the rest of this line		
D) TOTAL WEIGHT GAINED			**E) TOTAL DAYS**	

Enter the beginning weight (tagging weight) of your market animal(s) in the first row. Each time you weigh your animal(s), enter this in the next row and determine the ADG. More lines can be added as needed. At the end of your project, calculate a total ADG at the bottom. Complete a self evaluation on your market project based on these results to determine whether you want to feed your animal(s) the same next year. **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

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

D / E   pounds per day

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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/pages 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.

Leadership and Citizenship

* Share what leadership and citizenship means 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, and your school.

4-H Project and Activities

* Describe your projects and 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 you have 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 who were especially helpful to you. Share how they were helpful.

4-H's Impact on You

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

* 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 <u>END</u> 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, after your story and pictures.

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