

Henry County 4-H Livestock Supplemental Pages

2024

It is your responsibility to obtain and complete this insert each year this project is taken. Be sure to bring your original project book + these pages to your livestock skillathon judging. One packet per species.

Name: _____

Club: _____

Age: _____ (as of 1/1/2024) Years in 4-H: _____ (including current year)

Years in this animal project: _____ (including current year) Date project started: ___/___/___

I hereby certify that as the 4-H member of this project, I have personally kept records on this animal project and have personally completed this record book.

Signed: _____ Date: _____

Complete 1 book for one of the following: (circle one)

Poultry Dairy Sheep Swine Rabbit Beef Goat

What is the current project book you are taking associated with these pages? (circle one)

Beef Breeding	Breeding Meat Goats	Harness Goats	Breeding Rabbit	Market Sheep
Market Beef Steer	Breeding Dairy Goats	Fiber Goats	Market Rabbit	Chicken Exhibition
Market Dairy Steer	Companion Goats	Dairy Cow	Breeding Hog	Market Chickens
Beef Feeder Calf	Pygmy Goats	Dairy Yearling/Heifer	Market Hog	Egg Production
Dairy Feeder Calf	Pack Goats	Dairy Calf	Breeding Sheep	Exhibition Duck
Market Duck	Exhibition Goose	Market Goose	Exhibition Turkey	Market Turkey
*All Other 'Exotic' Poultry				



A. Project Animal Information (Beginning Animal Roster)

Identification of animal – Ear Tag, ear notch, tattoo	Sex	Breed	Date of Purchase	Value at Start
				\$.
				\$.
				\$.
				\$.
				\$.

Market Poultry animals can be identified as a group

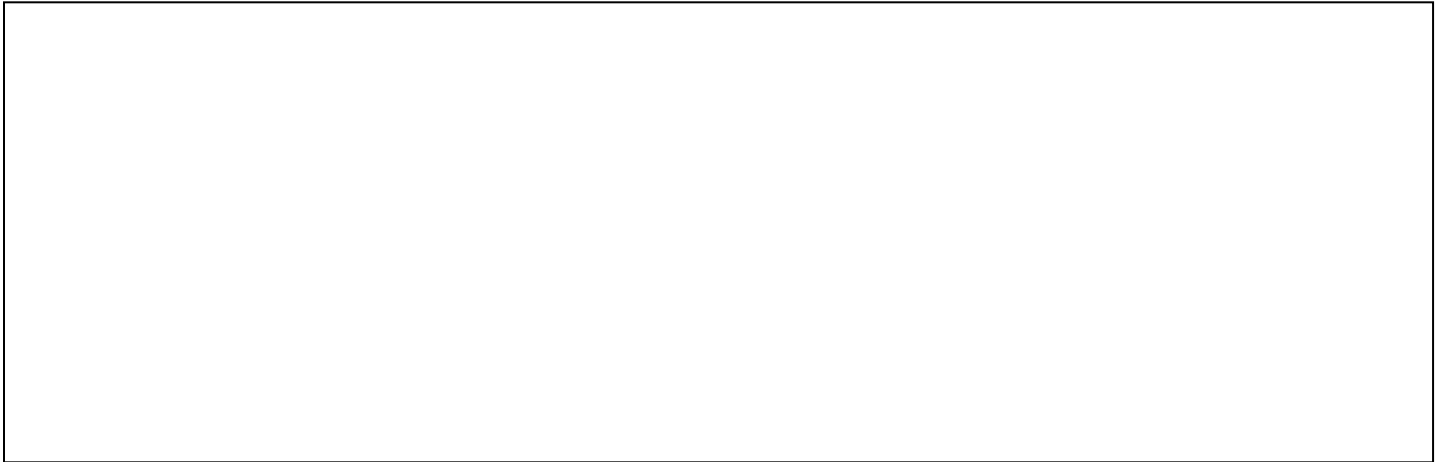
Total value of animals: \$ _____

This is how much your project is valued at time of purchase. If you buy your project, you will know this amount. If the animal is born on your farm, loaned, or gifted to you, it still has a value. Determine the purchase value of each animal for this exercise.

B. Photograph of Project Animal/s

Attach a photograph below. This is intended to be a permanent record of your project work for official and future records. Exhibitors are encouraged to attach a photo upon purchase of your animal and the “end result” prior to fair.

Before



Project Judging



Supplemental Market Animal Information

***For MARKET exhibitors only**

Project Plan - Select one of your animals to complete the chart below

Enrolling in a 4-H livestock project will mean many decisions must be made by you with the help of your parents, 4-H advisors or project helper. Some of these decisions should be made before the project even begins. This becomes your project plan. Even though your plan may change during the year, it is important to have thought about what you want to do and what you want to learn. Your project plan should be made before your project animals are selected and started on feed.

How can you help your market animal make weight?

Animal ID: _____ **Feed Conversion:** _____

(See chart below)

Beginning Weight: _____ **Starting Date:** _____

Target Finish Weight: _____ **# of days to fair:** _____

_____ **MINUS** _____ = _____
Target Finish Weight **Beginning Weight** **Total Pounds to Gain**

_____ **DIVIDED BY** _____ = _____
Total Pounds to Gain **# of days to fair** **Average Daily Gain**

_____ **MULTIPLIED** _____ = _____
Average Daily Gain **Feed Conversion** **Pounds to Feed per Day**

FEED CONVERSION CHART TO MAKE WEIGHT

Species	Feed Conversion – Pound of Feed to Pounds of Gain	Average Daily Gain
Market Hogs	2.7 to 3.5 lbs (#) of feed to 1# of gain	1.75 per day
Market Lambs	7# of feed to 1# of gain	0.75 to 1.0 per day
Market Goats	6# of feed to 1# of gain	0.30 to 0.50/day
Market Steers	6-10# of feed to 1# of gain	3.0 to 4.5/day
Feeder Calves	4# of feed to 1# of gain	
Market Broilers	2# of feed to 1# of gain	*Target Finish Wt: 7.0#/bird
Market Turkeys	Conversion Chart	*Target Finish Wt: 35#
Market Ducks	3# of feed to 1# of gain	*Target Finish Wt: 13#
Market Rabbits	4 to 8oz. of feed/day/rabbit to 1.2oz-1.5oz./day of gain	7-8oz./week

Average Daily Gain & Actual Growth

Fill in the following information based on the previous page.

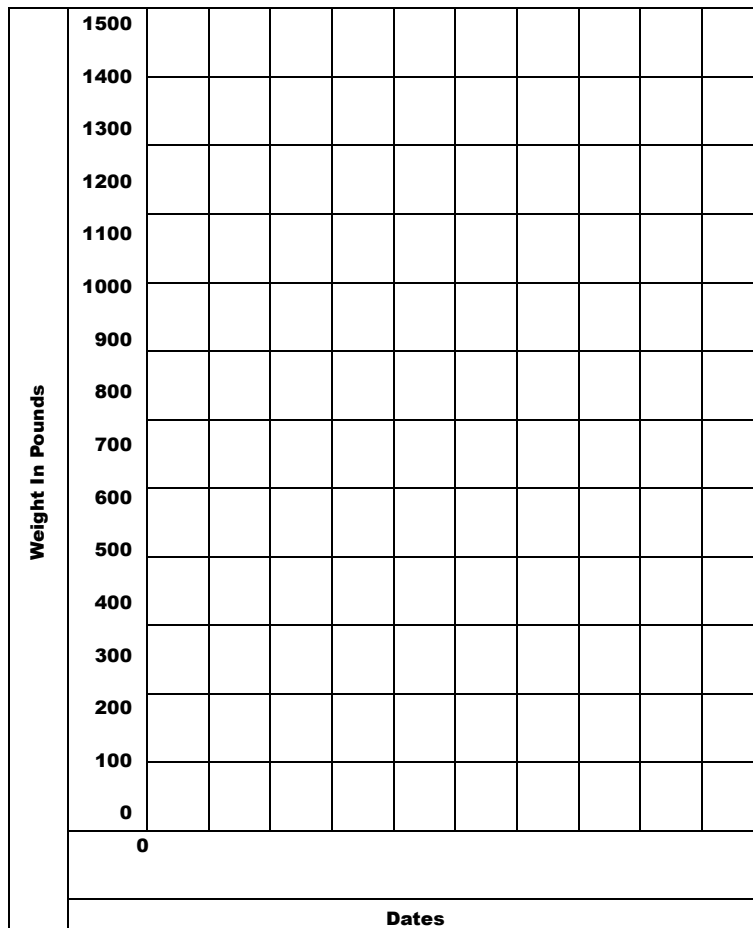
Estimated Ending Weight	-	Starting Weight	=	Total Required Gain	÷	Total days in feeding period	=	Required ADG (#/day)

Average Daily Gain and Actual Growth Table

For 1 of your project animals, indicate beginning and ending weight on the growth chart. Each time your animal is weighed (use regular intervals), calculate ADG and plot the new weight on the growth chart.

Date	Weight (#)	-	Previous Weight	=	Total Gain (#)	÷	Days since last weight	=	Actual ADG (#/day)

GROWTH CHART



C. Goals and Accomplishments

Write THREE project goals at the start of your project. Write a minimum of 3 sentence paragraph outlining your progress and or accomplishments on the goal by skillathon. Update at the end of your project if applicable. You can write on the back or add additional pages if necessary.

If you need some inspirations, visit <https://u.osu.edu/henry4h/resources/livestock-resources/> for some "Livestock Goal Idea Starters."

Goal 1:

Progress:

Goal 2:

Progress:

Goal 3:

Progress:

D. Non-Feed Expenses

Examples: Veterinary/Medication fees, wormer, bedding, show supplies and equipment, housing equipment, hoof trimming, buyer recognition supplies, transportation costs, show registration fees, etc.

Date	Expense	Amount spent from Start of Project to Skillathon	Amount Spent from Skillathon to Fair
6/6/2024	Ivermectin Injection	\$20.63	-

Non-Feed Expenses \$ _____ + \$ _____ =

Total Non-Feed Expenses \$ _____

E. Feed/Nutrition Expenses

Examples: Each bag of feed, supplements, minerals, hay, electrolytes, etc.

Date	Expense	Amount spent from Start of Project to Skillathon	Amount Spent from Skillathon to Fair
5/12/2024	Kalmbach – Pig Starter – 1 50#bag	\$44.99	-

Feed/Nutrition Expenses \$ _____ + \$ _____ =

Total Feed/Nutrition Expenses \$ _____

TOTAL COST OF ALL EXPENSES / # OF ANIMALS

= _____/per animal

F. Income

Include sources of income other than sale of animals here. Examples include: Sale of milk, eggs, breeding stock, show awards, etc. If you had no income, write "None" and indicate \$0.00.

Source of Income	Value \$

G. Feed/Nutrition Record

Write down what products/amount/when you are feeding your animal/s throughout your project. Be prepared to discuss why you make those choices at Skillathon. (If you change amounts or feed types, be sure to make a note!)

*Market poultry animals can be identified as a group.

**Consider under/overweight or light/heavy weight.

Date Range	Animal ID*	Product	Form	Amount	Frequency	Protein %
3/11/2024-4/1/2024	HC544	Kalmbach Start Right Lamb Feed	Pellet	½ sm. Coffee can = ½#	AM & PM Daily	16%

FEED TAG – It is important for every producer to know what they are feeding and to understand how to read a feed tag. Tape or staple feed tag/s/supplements/feed mix receipts to the **BACK** of the livestock record.

I. Closing Animal Roster

If you plan to sell your animal through the Jr. Fair Livestock Sale or sell your extra animals through a livestock market (like united or Producers), use an average market price during the month or week of fair and complete the summary below before turning it in to your advisor. ***We understand some of this information may not be completed at time of judging. We encourage you to spend time to appropriately close your animal roster.**

Identification of Animal	Value (at close of project or sale)
1. Animal/s kept at home/not sold	
ID/Head Count _____	Estimated \$ _____
ID/Head Count _____	Estimated \$ _____
	Total: \$ _____
2. Animal/s sold at Jr. Fair Sale Packer	
ID/Head Count _____	_____ wt. x \$ _____ Packer Price = \$ _____
ID/Head Count _____	_____ wt. x \$ _____ Packer Price = \$ _____
	Total: \$ _____
3. Animal sold at Jr. Fair Sale Buyers	
	Premium (Buyer Bid): \$ _____
	Add-Ons: \$ _____
	Total: \$ _____
4. Animal/s sold at other Livestock Market	
ID/Head Count _____	_____ wt. x \$ _____ Packer Price = \$ _____
ID/Head Count _____	_____ wt. x \$ _____ Packer Price = \$ _____
	Total: \$ _____

J. Profit or Loss Statement

Income	Section F Total	\$ _____
Value of animals kept at home/not sold	Section I-1 Total	\$ _____
Value of animals sold at Jr. Fair Packer	Section I-2 Total	\$ _____
Value of animals sold Jr. Fair Buyers	Section I-3 Total	\$ _____
Value of animals sold at other Livestock Market	Section I-4 Total	\$ _____
	Total Income =	\$ _____
Expenses <i>*SEE SECTION D NOTE</i>		
Value at the start of the project	Section B Total	\$ _____
Non-Feed Expenses	Section D Total	\$ _____
Feed/Nutrition Expenses	Section E Total	\$ _____
	Total Expenses =	\$ _____
Profit/Loss		
	Total Income	\$ _____
	Total Expenses	\$ _____
	Total Profit or Loss =	\$ _____