

Wood County Livestock Project Record Insert

This Record Insert is a requirement of 4-H Livestock Judgings

You will need one Livestock Project Record for each species you are raising.

MARKET PROJECTS

117M – Market Beef	117BF – Beef Feeder	117DF – Dairy Beef Feeder	139 – Market Hog
135M – Market Goat (includes Dairy, Meat, Cross Goats)	150CM – Market Chicken	150DM – Market Duck	150GM – Market Goose
150TM – Market Turkey	198- Market Lamb	228MA – Market Rabbit	

FOR MEMBERS TAKING THE SAME MARKET PROJECT FOR A 2ND YEAR OR MORE
this Livestock Record Insert is a **SUPPLEMENT** to your project book.

Expectations:

_____ Choose a project helper(s) _____

_____ Determine your project level and check here

_____ Beginner age 8-10; _____ Intermediate age 11-13; _____ Advanced age 14+

_____ Reference project guidelines in project book and complete activities according to your project level

_____ Create a 3-ring binder (to organize project records throughout the years) to include the following contents:

_____ Project Book _____ Completed Livestock Project Record Insert

_____ At least 2 NEW Leadership and Citizenship Activities

_____ 5 NEW Learning Activities _____ Quality Assurance Training Documents



THE OHIO STATE UNIVERSITY
EXTENSION



wood.osu.edu

CFAES provides research and related educational programs to clientele on a nondiscriminatory basis. For more information, visit cfaesdiversity.osu.edu.

2024 Wood County

Livestock Project Record Insert

Horse Projects should use the Equine Record Book, not this Livestock Record Insert

Name: _____

Age (as of January 1, current year): _____ Grade: _____

Club: _____

Project(s): _____

Years in this animal project: _____ Date project started: _____

I 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.

Signature: _____

I have reviewed this record and found it to be complete and accurate.

Parent/Guardian Signature: _____



Why Keep Records on Your Project Animal?

Records help you...

- Learn about animals, their rate of growth, the feed they require, the cost of the feed, and your animals' habits
- Plan and budget future projects
- Follow drug withdrawal times and keep a record of all medications or treatments given
- Know if you made or lost money and how much
- Improve your management practices
- Keep a record of your project activities
- Understand the business aspects and economics of purchasing animals, feed, facilities, and equipment for an animal project

Remember...records are only as good as the information that you put into them.

Credit: Christy Leeds, 4-H Extension Educator & Assistant Professor – Union County, Ohio

Youth Agreement

The terms of this agreement shall begin on _____ and terminate
on _____ or when the animal(s) are sold.
(date – beginning of project)
(date – end of project)

Who will provide the following (4-H'er, parent(s), breeder, project helper, etc.): *Write in the names*

Labor:	Financing:
Housing:	Transportation:
Feed:	Livestock:

Youth Livestock Program Commitment to Excellence

*Place your initials beside each statement

- _____ I believe that participation in the 4-H Livestock/Animal Program should demonstrate my own knowledge, ability and skill as a producer and exhibitor of livestock.
- _____ I will do my own work to the fullest extent that I am capable and otherwise will only accept advice and support from others.
- _____ I will not use abusive, fraudulent, illegal, deceptive, or questionable practices in the feeding, fitting and showing of my animal(s), nor will I allow my parents, supervisor, or any other individual to employ such practices with my animal(s).
- _____ I will read, understand, and follow the rules without exception, of all livestock shows in which I am a participant, and ask that my parents and/or the supervisor of my project do the same.
- _____ I wish for my livestock/animal project to be an example of how to accept what life has to offer, both good and bad, and how to live with the outcome.
- _____ I realize that I am responsible for:
- The proper care and safe humane treatment of my animals
 - The production of a high quality, safe and wholesome food
 - Demonstrating strong moral character as an example to others

I (the 4-H member) will be responsible for the primary care of my livestock project. I will keep accurate records throughout the project year and agree to finish this record to complete my livestock project.

Member Signature _____ Date _____

Parent/Guardian Signature _____ Date _____

The Care That You Provide Your Animals

(Complete Entire Checklist – mark N/A if not applicable for your animals.)

Task	I am already doing	I want to improve
Prepare the facilities before I purchase my project animal.		
Provide adequate housing and bedding.		
Provide access to clean, fresh feed and water.		
Control internal and external parasites.		
Dehorn animals when they are young.		
Castrate animals when they are young.		
Train animals to be handled at a young age.		
Develop a health program to prevent disease.		
Observe animals daily and immediately treat those who need care.		
Identify animals (ear tag, tattoo, etc.)		
Keep records on vaccines, medication, and medicated feed.		
Be aware of animal comfort at all stages of production.		
Use proper techniques for vaccination and treatment.		
Observe and follow drug residue avoidance rules.		
Observe label directions including withdrawal times on medications and feed tags.		
Sort and load animals safely and with concern for them.		

A. Goals and Accomplishments for this Project

Choose at least five (5) goals for your project. Goals should be established at the beginning of the project. They should be challenging, yet attainable. They should be stated in terms of definite outcomes. At the close of the project, the accomplishments should be compared with the goals. Check off what you plan to do or write your own goals in the space provided. Then, have an adult initial and date the goals you complete.

Goals:	Date Achieved	Adult's Initials
Achieve a target rate of gain for my market animal(s)	_____	_____
Observe and care for my animal daily	_____	_____
Learn a new livestock management skill. Describe: _____	_____	_____
Complete required tag-in or identification of animal(s)	_____	_____
Do a demonstration on an aspect of livestock production or mgt.	_____	_____
Complete my record book and have it reviewed by an adult	_____	_____
Raise my animal(s) to completion	_____	_____
Take full responsibility for the fitting and showing of my animal(s)	_____	_____
Learn how to prepare my project animal(s)	_____	_____
Participate in a Youth Livestock Quality Assurance Program	_____	_____
Implement routine health care (vaccinations, deworming, etc.)	_____	_____
Weigh or estimate wt. of animal regularly, so as to make wt. goal	_____	_____
Practice training/handling my animal at home for at least 5 weeks	_____	_____
Know the veterinarian I would call for animal health care (VCPR)	_____	_____
Attend a show prior to my own to observe and learn	_____	_____
Participate in a Project Clinic for my specie	_____	_____
Complete my own Fair Entry and DUNF accurately	_____	_____
Exhibit my animal(s) at a county or independent fair	_____	_____
Exhibit my animal(s) at The Ohio State Fair	_____	_____
Participate in project evaluation with a judge or my advisor	_____	_____
Participate in a skill-a-thon	_____	_____
Other: _____	_____	_____

B. Youth Livestock Quality Assurance

(This section should be completed by all market projects. Dairy Beef Feeders and Beef Feeders are not required to attend Quality Assurance and therefore, do not need to complete this portion of this section.)

Date I attended Quality Assurance Education: _____

Location: _____

List the 3 Good Production Practices for this year:

#___ Title: _____

#___ Title: _____

#___ Title: _____

Information for each member to consider:

1. Which veterinarian will you contact if your animal needs medical care?

Name: _____

Phone: _____ Email: _____

2. Who will you contact if you have questions about feeding your animal?

Name: _____

Phone: _____ Email: _____

3. Who will you contact if you have questions about handling your animal?

Name: _____

Phone: _____ Email: _____

Project Plan

Enrolling in a market livestock project will mean making decisions that must be made by you with the help of your parents and/or project supervisor. Some of these decisions need to be made before the project 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. Please refer to the average daily gain and market weight to help you as your project progresses. **Include your written project plan in your 3-ring binder.**

Average Daily Gain (typical range)

Lambs - .5 lbs.	(.2 – 1.0)
Hogs – 1.75 lbs.	(1.5 – 2.2)
Steers – 2.75 lbs.	(1.5 – 4.0)
Goats - .3 lbs.	(.15 - .45)

Average Market Weight (typical range)

Lambs - 125 lbs.	(85 – 160)
Hogs - 250 lbs.	(235 – 285)
Steers - 1250 lbs.	(1100 – 1400)
Goats - 75 lbs.	(50 – 115)

How to Determine Average Daily Gain (this will be used on page 11)

To find the required average daily gain, you must first determine what the required gain for your animal is. This is done by taking the proper finished weight and subtracting the beginning weight of your animal.

$$\text{Proper finished weight} - \text{beginning weight} = \text{Total Required Gain}$$

Next you will take the Total Required Gain (you just found) and divide this number by the number of days in the feeding period [the number of days between the date you acquired your livestock (or completed weigh-in) and the weigh-in date of the Wood County Fair.] This will give you the Required Average Daily Gain.

$$\text{Total Required Gain} \div \text{Days in Feeding Period} = \text{Required Average Daily Gain}$$

C. Beginning Photo of Project Animal(s)

Attach a photo of your animal(s) here, taken at the beginning of your project (when you first obtained) your project animal. *No drawings. **Date:** _____

Current Photo of Project Animal(s)

Attach a photo of your animal(s) here, taken in July (prior to Livestock Interview Judging).

*No drawings.

Date: _____

D. Project Animal Information (Beginning Animal Roster)

Identification of animal (a)	Sex	Breed	Date Purchased (or born)	Purchase price or value at start
				\$
				\$
				\$
				\$
				\$
				\$

(a) Ear tag number, ear notch, tattoo, etc.

**Total value of animals started with or
purchased**

\$ _____

E. Expenses

Date	Type (Bedding, equipment, veterinary, transportation, health care products, show supplies, etc.) If none, write none and <u>explain why</u> . Include all expenses here except Cost of Animal(s) (D) & Feed (F) Note: It is not realistic to raise animals and have no expenses.	Cost
		\$

Total Expenses

\$ _____

F. Feed Record Summary

Start your record whenever you began feeding your animal. For Market Steers, begin on January 1 of this year. It is not possible to raise an animal and have no feed costs. **Do not leave this section blank.** If you have an agreement to use feed from your parent's farm, or some other arrangement, calculate the pounds and value of the feed as if you had purchased it.

	Complete Pelleted Feed		Hay, Silage or Pasture		Grain		Supplements/ Additives		Other ex. Salt Blocks	
Date	Lbs.	Value	Lbs.	Value	Lbs.	Value	Lbs.	Value	Lbs.	Value
		\$		\$		\$		\$		\$
Total		\$		\$		\$		\$		\$

(Add the total of the 5 feed columns)

Total Feed Cost

\$ _____

G. Rate of Gain (Calculating Average Daily Gain)

This section (G) should be completed by all market animal projects.

Average Daily Gain (ADG)

Animal ID	$\frac{\text{Estimated Final Weight} - \text{Beginning Weight}}{\text{Days in Feeding}} = \frac{\text{Total Gain}}{\text{Average Daily Gain}}$
1 st Animal _____	$\frac{\text{_____ (lbs)} - \text{_____ (lbs)}}{\text{_____ days}} = \text{_____ lbs/day}$ <div style="display: flex; justify-content: space-around; font-size: small;"> Est. Final Weight Beginning Weight Total Required Gain Feeding period Average Daily Gain </div>
2 nd Animal _____	$\text{_____ (lbs)} - \text{_____ (lbs)} = \text{_____ (lbs)} \div \text{_____ days} = \text{_____ lbs/day}$
3 rd Animal _____	$\text{_____ (lbs)} - \text{_____ (lbs)} = \text{_____ (lbs)} \div \text{_____ days} = \text{_____ lbs/day}$

What is the typical Average Daily Gain (ADG) for your animal specie? _____

How does your animal's ADG compare to this? _____

Attach Tag(s) Here

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 one feed tag or feed mix receipt (i.e. list of ingredients and amounts) to this page from ration fed during your project.

H. Treatment Record

Include any and all types of health care treatment, for example: medicated feeds, worming, vaccinations, prescription, and non-prescription drugs. **If no treatments were given, write “none”.** Note: It is rare to have no health care treatments. If you write none here, you may not be caring for your animals properly.

TREATMENT RECORD								
Treatment Date and Time	Animal ID -Name -Species -ID Number -Description	Condition Being Treated	Estimated Weight (lbs)	Treatment Given (Medication dispensed, Amount & Route)	Instructed Meat/Milk/Egg Withdrawal	Name of Person Giving Treatment	Date & Time Withdrawal Complete	If this is an extra label or Rx drug, list the name, address, and phone number of the licensed veterinarian who prescribed or directed the treatment

I. Income

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

Source of Income:	Value \$
	\$
	\$

Total Income

\$ _____

J. Closing Animal Roster

If you plan to sell your animal through the Junior Fair Livestock Sale, or your extra animals through a livestock market (like Producers), use an average market price and complete the summary below **prior to your interview judging**. Check for average price at a location **where you would sell your animal(s) if you were not going to market it at a fair**.

Examples of places you can find market prices: <https://www.uproducers.com/local-markets/> or <https://www.farmanddairy.com/markets/ohio>

Identification of Animal	Value at close of project or Estimated Sale Value
Animal(s) used at home ID: _____	Value \$ _____
ID: _____	Value \$ _____
Animal to be sold at Junior Fair Sale ID: _____	_____ wt. x Avg. Market Price _____ = \$ _____ Est. sale value
Animal(s) to be sold at other Livestock Market ID: _____	_____ wt. x Avg. Market Price _____ = \$ _____ Est. sale value
Animal(s) to be sold at other Livestock Market ID: _____	_____ wt. x Avg. Market Price _____ = \$ _____ Est. sale value

K. Profit or Loss Statement *

*Do not leave this section blank, complete as if animal(s) were sold at market price. See note above "Closing Animal Roster" on page 13.

Income

- | | |
|---|--------------|
| 1. Value of animals <u>used at home</u> (Section J) | \$ _____ |
| 2. Value of animals <u>sold</u> (Section J) | \$ _____ |
| 3. Other income (Section I) | \$ _____ |
|
Total Income (add 1, 2, and 3) |
\$ _____ |

Expenses

- | | |
|--|--------------|
| 4. Value at the start of project or purchase price (Section D) | \$ _____ |
| 5. Expenses (Section E) | \$ _____ |
| 6. Feed costs (Section F) | \$ _____ |
|
Total Expenses (add 4, 5, and 6) |
\$ _____ |

Total Profit or Loss (Total Income - Total Expenses)	\$ _____
---	-----------------

Project Summary

1. What was your favorite part of this project? Why?

2. What was your least favorite part of this project? Why?

3. What was the most important or interesting thing you learned? Explain.

Marketing Your Project

You are responsible for marketing your project animal/work to potential buyers/premium supporters of the live auction and online giving portal. By completing this portion of your record insert you are well on your way to making the important contacts for selling your animal(s) and/or encourage supporters to give on the online giving portal long before sale day.

- List potential buyers that you can contact (consider businesses that your parents support...feed supplier, plumber, mechanic, etc.)
- Write a sample letter to a buyer/supporter
- Be personal with your letter, include your project accomplishments, future educational career goals, your favorite part of 4-H, etc. Photos of you and/or your animal are encouraged
- Do not use "To Whom It May Concern" to address the letter. Spend the time to ensure correct name/spelling for whom the letter is being addressed
- Don't forget to mail the letters in early – mid July to promote the livestock sale.

List three potential buyers

Business Name	
Contact Name	
Address	
City, State, Zip	

Business Name	
Contact Name	
Address	
City, State, Zip	

Business Name	
Contact Name	
Address	
City, State, Zip	

Buyer Thank You Letter

Please provide a sample letter that you have sent (or will be sending) to one of your potential buyers. You may hand write the letter below or print off an electronic copy and add it to your project binder.

Date _____

Dear _____

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

Sincerely,
