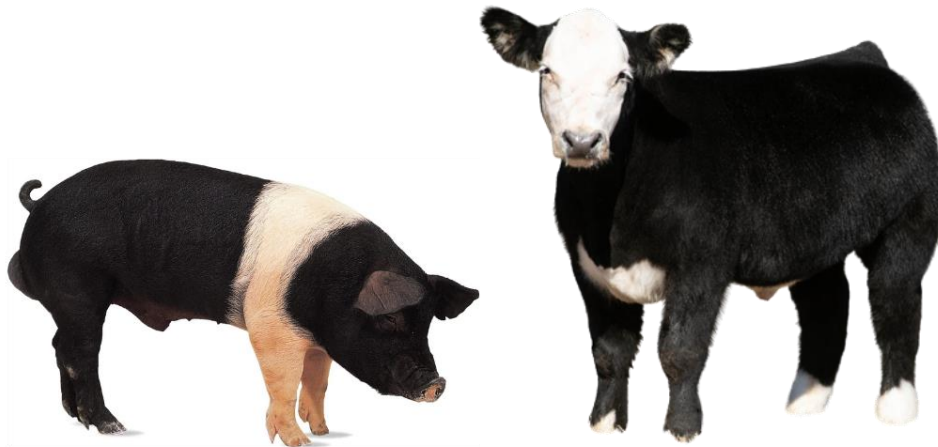




Martin County 4-H LIVESTOCK MARKET ANIMAL Record Book



4-H Member Name: _____

4-H Club Name: _____

Age as of September 1: _____

Check one: Cloverbud (5-7) Junior (8-10) Intermediate (11-13) Senior (14-18)

Number of years in 4-H: _____

Member's Parent/Guardian Name: _____

Member's Contact Phone Number: _____

Member's Contact Email Address: _____

Ethics Certificate Number: _____

Circle one: Steer Swine

I hereby certify as the exhibitor of this project that I have personally kept records on this project and have personally completed this record book.

Member's Signature

Date

This youth is an active member of the _____ 4-H Club.
This record book has been completed by the youth and is an accurate record of the project.

4-H Club Leader's Signature

Date

Livestock Market Animal Project Agreement

Complete this page before beginning your project.

I, the 4-H member, am responsible for caring for my project animal. This includes providing food and water, health care, a living area, washing and grooming, and any other needs my project animal may have. I will use this project as an educational tool to learn skills used in the livestock industry. This project will also help me accept successes and failures through this learning experience. I will keep accurate records on my project animal and the processes I use.

Member's Signature

Date

I/We, the parent(s)/guardian(s), will provide encouragement, assistance, and financial help while my/our child is raising the 4-H project animal and completing his/her 4-H project.

Parent/Guardian Signature

Date

I, the 4-H Club Leader, acknowledge _____
is partaking in this 4-H project and I will provide resources, support, and direction to him/her.

4-H Club Leader Signature

Date

Drug Statement

I hereby certify that any drug or antibiotic which may be administered by me or any other person will be done so in strict compliance with the manufacturer's label requirements or as prescribed by a veterinarian and I will adhere to all withdrawal periods.

Member's Signature

Date

Purpose of a 4-H Livestock Market Animal Project

The purpose of a 4-H market animal project is to achieve the following:

- To acquire an understanding of the market livestock industry by preparing for, purchasing, caring for, and keeping records on one or more head of animals.
- To correctly identify the types and breeds of market livestock, livestock anatomy, diseases, and ailments and know how to treat them.
- To employ efficient methods of marketing and exhibiting livestock.
- To understand the business aspects and economics of purchasing livestock, feed, facilities, and equipment as an animal science project.
- To develop integrity, sportsmanship, and cooperation.
- To develop leadership abilities, build character, and assimilate skills needed to become a responsible citizen.

4-H Club Requirement for Your 4-H Livestock Market Animal Project

- Uphold the 4-H Pledge.
- Maintain records throughout the project and complete this record book.
- Remain in good standing as a 4-H club member.
- Assist with any additional activities set by your Club Leader (such as fundraisers).

GOALS AND ACHIEVEMENTS FOR YOUR PROJECT

Talk with your club leader to set some goals at the beginning of your project. Your 4-H Club Leader will help you select goals which are appropriate for your age, your experience, and your interests. Goals should include all aspects of your project or 4-H activity. Choose goals which will be challenging, yet attainable. As you achieve certain goals ask your leader to initial and date those goals. At the end of your project, compare your goals with your achievements.

Some suggested goals have been added. Feel free to remove or edit them and replace with your own goals.

What I plan to do ✓	GOAL	Date Achieved	Leader's Initials	Comments
	Raise my animal(s) to a marketable age and size.			
	Exhibit my animal(s).			
	Market and sell my animal(s).			
	Learn how to groom and care for the health of my animal.			
	Complete my record book to the best of my ability.			
	Give a demonstration or illustrated talk about my project.			

PROJECT QUESTIONS

Please answer these questions about your project.

1. What breed of animal are you raising? _____
2. What is the purpose of this breed? _____
3. How much did your animal weigh at the beginning of your project? _____
4. On what date did you get your animal? _____
5. How much did your animal cost? _____
6. Is your animal castrated? _____ What does castrated mean? _____

7. Why are market animals castrated? _____

8. What did you feed your animal at the beginning of the project? Is this a medicated feed? How much protein is in it? _____

9. What did you feed your animal at the end of the project? Is this a medicated feed? How much protein is in it? When/why did you switch feeds? _____

10. What type of housing does your animal have? Explain why you chose this housing method. _____

11. What is your animal's average daily weight gain? _____
12. Would you choose this species/breed of market animal again? Why or why not? _____

PROJECT QUESTIONS

Please answer these general questions about market livestock.

1. Is a heifer a male or female? _____
2. At what age is a pig no longer a piglet? _____
3. Define Steer: _____
4. Define Barrow: _____
5. At what age does a steer reach full marketable size? _____

6. Define Loin: _____
7. Define Marbling: _____
8. What is the typical weight of a market swine? _____
9. List three byproducts that come from your market animal: _____

10. What is USDA Prime? _____

11. The gestation period of a swine is: _____
12. The purpose of an ear tag is: _____

13. Livestock market prices are affected by these three things: _____

14. Bloat is: _____

15. What is the difference between grain-fed and grass-fed? _____

SHOW RECORD AND PREMIUMS

List any winnings from fairs or exhibitions. Include awards, premiums, and add-ons.

Date	Animal ID Number, Lot, or Name	Name of Fair, Show, or Event	Name of Class	Award or Placing	Award or Premium Won
				Total Show Earnings:	\$

OTHER INCOME

List any income from your project outside of show earnings. Include donations, sponsorships, gifts from friends or relatives, money received from manure or equipment sold, etc.

Date	Sponsor or Buyer Name	Type of Income (from list above)	Total \$
		If none, enter zero.	

HEALTH RECORDS

This should include a record of any health-related activities including well-animal care, such as dewormer, vaccinations, or use of veterinarian services for any other reason. Indicate what was used, how much was used, and for what it was used. Include items such as a health certificate.

Date	Animal ID Number, Lot or Name	Symptoms/Condition (include prevention care)	Treatment Given/ Action Taken	Dosage	Withdrawal Time

PROJECT ACTIVITY RECORD

Check all the following that apply to your project:

- I taught another person in my family, club, or community about market animals.
- My family and I worked together to raise my animal.
- I participated in additional 4-H activities, such as livestock judging, demonstrations or public speaking, or community service that incorporated my project animal.
- I researched information so I could market and sell my animal.
- I learned about diseases and health issues that can affect livestock and how to better care for my animal.

WEIGHT RECORDS

Keep track of the weight gains of your project animal. If you do not have access to scales, use a weight tape. Be sure to include the final weight. *Rate of Gain is calculated by taking the pounds gained since last weighing and dividing it by the number of days since last weighing. ** Average Daily Weight Gain is calculated by dividing total weight gain by total days on feed.

Date	Weight	Pounds Gained Since Last Weighing	Number of Days Since Last Weighing	Rate of Gain

TOTAL WEIGHT GAIN = _____

TOTAL DAYS ON FEED = _____

AVERAGE DAILY WEIGHT GAIN = _____

PROJECT SUMMARY
INCOME

A. Show earnings (page 12) \$ _____

B. Other income (page 12) \$ _____

TOTAL INCOME (A+B) =

\$

EXPENSES

C. Value of supplies & equipment (page 8) \$ _____

D. Cost of Livestock (page 9) \$ _____

E. Total non-feed expenses (page 10) \$ _____

F. Total feed expenses (page 11) \$ _____

TOTAL EXPENSES (C+D+E+F) =

\$

Expenses – Income = Total Expense \$ _____

Total Expense ÷ Final Animal Weight = Price per Pound Needed to Break Even

Break Even Price Per Pound

\$

PROJECT PHOTOS OR DIAGRAMS

Show photos from the beginning to the end of your project. You should include photos of different skills or activities you have learned from participating in this project. Include between 4-8 pictures and please include a caption with each one. These captions should explain what you are doing and why you are doing the things in the photo. Spelling and grammar count. If you are unable to take and print photos, you may sketch or draw scenes from your project from the beginning to the end.

PROJECT PHOTOS OR DIAGRAMS (continued)

PROJECT RECEIPTS

PROJECT RECEIPTS (continued)

PROJECT STORY OUTLINE

Use this template to make an outline for your project story. The story outline will include an introduction, what you have learned about your animal, what safety practices you used, and what you could do to improve your project, what goals you achieved, and a summary of your project.

- I. Introduction
 - A. What animal(s) did you raise, breed, color, markings, etc.
 - B. Where did you keep your animal, type of pen/housing, living area, etc.
 - C. Why did you choose to do this project for 4-H?

- II. What did you learn?
 - A.
 - B.
 - C.

- III. What safety practices did you use?
 - A.
 - B.
 - C.

- IV. What improvements could you have made?
 - A.
 - B.
 - C.

- V. What goals did you achieve that you had set out from the beginning?
 - A.
 - B.
 - C.

- VI. Summary – Leave the reader with an overall idea or ending thought about your project. This is the conclusion to your story.

Martin County 4-H Record Book Score Sheet



Name: _____ Project: _____

Check one: Cloverbud (5-7) Junior (8-10) Intermediate (11-13) Senior (14-18)

SECTION	Points Possible	Points Scored
1. Forms Signed (pages 2 and 3)	5	
2. Goals and Achievements (page 5)	5	
3. Project Questions (pages 6 & 7)	15	
4. Project Inventory Supplies & Equipment (page 8)	3	
5. Project Inventory Livestock (page 9)	3	
6. Non-Feed Expenses (page 10)	3	
7. Feed Expenses (page 11)	2	
8. Show Record and Other Income (12)	5	
9. Health & Project Activity Records (page 13)	5	
10. Weight Records (page 14)	5	
11. Project Summary (page 15)	15	
12. Pictures & Receipts (pages 16 - 19)	10	
13. Project Outline & Story (pages 20 - 22)	20	
14. Neatness	4	
TOTAL POINTS	100	

Comments:

Record Book Awards
 Blue: 90-100
 Red: 80-89
 White: 70-70

SKILLS LEARNED – PARENTS, PLEASE ASSIST

Put a check mark by each of the life skills that you have learned or improved upon during this project.

4-H LIFE SKILLS

	HEAD		HANDS
	Learning to Learn		Community Service & Volunteering
	Decision Making		Leadership
	Problem Solving		Responsible Citizenship
	Critical Thinking		Contributions to Group Effort
	Service Learning		Marketable Skills
	Goal Setting		Teamwork
	Planning/Organizing		Self-Motivation
	Wise Use of Resources		
	Keeping Records		
	Resiliency		
	HEART		HEALTH
	Communication		Self-Esteem
	Cooperation		Self-Responsibility
	Social Skills		Character
	Conflict Resolution		Managing Feelings
	Accepting Differences		Self-Discipline
	Concern for Others		Healthy Lifestyle Choices
	Empathy		Stress Management
	Sharing		Disease Prevention
	Nurturing Relationships		Personal Safety



I pledge:



...for my Club, my Community, my Country and my World.

I pledge my **HEAD** to clearer thinking,

My **HEART** to greater loyalty,

My **HANDS** to larger service,

And my **HEALTH** to better living,

For my club, my community, my country and my world.



For more information about the Martin County 4-H Youth Development Program, please visit our website:

<https://sfyl.ifas.ufl.edu/martin/4-h-youth-development---martin/>

or on Facebook [@Martin.ifas.ufl.edu](https://www.facebook.com/Martin.ifas.ufl.edu)

or Instagram [@MartinCounty4H](https://www.instagram.com/MartinCounty4H)

UF/IFAS Extension Martin County | 2614 SE Dixie Highway, Stuart, FL 34996 | 772-288-5654

Rev. 8/2024