



Michigan 4-H Animal Market Project Record Book 2024 U.P. State Fair Version

Advanced (14-19 YRS)

				(14	l-19 T	rrs)				
	SPECIES:	SHEEP []	BEEF	[]	SWI	NE []	MEAT GOAT []	
are req	cords have te fair.	submit a co minimu been judged Books not col	omple m scc , they s lected s SE TYP	eted more of should at this PRI	nark 40 i be pi time NT, 0	et live n the s cked up will be l OR WR	stoci scori at the eft at t	k rec ng ru e beef he sp LEAR	f show arena at 1:00 p.n ecies superintendent of LLY.	eve a
MARK	ET RECO	RD LIVESTO	CK BC	OKS A	ARE	DUE by	/ 1:00	PM E	EDT: Monday, August 1	2, 2
_		EXHIBITOR COVER OF	THE M	ARKE	T LIV	ESTOC	KRE	CORI	BLY ON THE FRONT D BOOK.	_
U.I		Fair Exh								
		R CELL								
Clu	ub Name	e			-			_	u during fair week)	
Clu	ub Lead	er								
								Pro	oject	

(Fair age is the exhibitor's age on January 1 of the year of the fair)

Official Fair Age

Name:	
Date of Birth:	
I hereby certify that, as the exhibitor of this project, I have for the care of this animal, record keeping, and have com aware that this record book may be on display during the all content will be appropriate.	pleted this record book. I am
Youth Signature:	Date:
I, the parent/guardian, certify that my son/daughter has completed this record book and will comply with all rules a permission for this record book to be displayed to the public content is appropriate.	and regulations. Í give
Parent/Guardian Signature:	Date:

RECORDS START WITH POSSESSION OF YOUR ANIMAL(S) AND END WITH FAIR WEEK ESTIMATES!



Michigan State University Extension programs and materials are open to all without to race, color, national origin, gender, gender identity, religion, age, height, weight, disability, political beliefs, sexual orientation, marital status, family status or veteran status.

Why Keep Records?

By keeping records, you will be able to see how much progress you make this year and over the course of your 4-H career as you set goals and work to accomplish them.

Good records will:

- Help you learn about animals, their rate of growth, the feed they require, the cost of the feed they require and their habits.
- Increase understanding of your project's financial outcome.
- Assist you in gathering information to market your animal.
- Improve your management practices.
- Keep track of your project activities and learning experiences.
- Allow you to better plan for future livestock projects.

If you have questions or need help on this record book, please contact your leader, parent/guardian, or County MSU Extension Office.

PLEASE PRINT OR WRITE CLEARLY.

Animal Information

(Submit one completed record book for each market species)

Name	and/or description of animal(s):
Breed	l(s):
	fication of animal(s) (Tattoo/Ear tag/Fair tag number):
Estir	mated Birth date of animal(s):
Date	of ownership or purchase date:
	nated beginning value of animal(s): fer this number to page 12-a. If more than one animal, divide by the number of animals)
	Please tell us about your project animal (check all that apply):
	Purchased my project animal(s) cost
	Project animal(s) are bred & owned (from an animal on my family farm)
	Other (please explain):
Comn	nents by Leader/Parent (optional):

This Year's Project Goals Complete this portion of the record book pre-project or once animals are purchased. Date this page completed: Please explain three goals that you have for your animal(s) project: Please list three potential buyers you plan to approach this year: Please list three communication strategies you plan to utilize this year: Please list three marketing strategies you plan to utilize this year:

Marketing Materials

Please attach any marketing materials you utilized during your project (buyers letters, social media posts, elevator pitches, flyers, etc.)

Anticipated Income from animal(s):

Pro	Project Owner Information		Physical Address where animal is housed				
Nar	ne						
Pho	one						
		purchase price or estima	ted value of the animal				
Bre	eder						
Vet	erinarian Contact In	formation					
Naı	ne						
Pho	one						
Add	dress						
What is th	ne target weight for y	our animal?					
Describe	your animal housing	//barn/facility					
List 5 bios	security protocols yo	ou have implemented in yo	our plan.				
Mhat did	vou de te keep vour	animal haalthy?					
	you do to keep your the Five Freedoms						

Herd Health Plan

Please use additional sheet if needed.

Herd Health Plan: Production Calendar- Complete this calendar **before** you take possession of your animal to plan how you will manage and care for your animal. Focus on animal care. Include information regarding animal housing, biosecurity protocols, treatment protocols and any notes of feed types you may use. This is a projection. Project your estimated cost.

January	General Management	Feeding	Health
February	General Management	Feeding	Health
Tebluary	General Management	i ecung	Ticalui
March	General Management	Feeding	Health
April	General Management	Feeding	Health
April	General Management	i ceding	i icaitii

Herd Health Plan: Production Calendar

May	General Management	Feeding	Health
June	General Management	Feeding	Health
Julic	General Management	1 coung	Ticaliti
July	General Management	Feeding	Health
5 35	- Constant management	, recaming	7.00.00
August	General Management	Feeding	Health
	<u> </u>	<u> </u>	

Inventory of Supplies and Equipment

This is a record of what you have before you start your project, borrow, or utilize from your club. It can include items listed under equipment and supplies in your expenses record.

item description	quantity	borrowed or club equipment Y/N

Expense Record

Record all expenses, including date of purchase, description of the expense, and cost.

Health costs-include vaccinations, medications, treatment for parasite control, and hoof trimming, ,vet fees, cost of any required health tests

Equipment-include blowers, trimming chute, clippers, show sticks, halters, brushes, combs, hoses, feeders, pitchforks, wheelbarrow, stalls, show boxes, fences

Facility costs-include estimated cost of utilities to house your animal, bedding, repairs, housing rent/lease fees

Advertising/Marketing- include cost of buyer's letters, printing, postage, promotion, and buyer gifts **Transportation-**include costs to transport the animal to and from weigh-ins, buyer visits, and to the fair **Supplies-** include costs for show shampoos, grooming products, clipping/shearing fees, show clothes, stall decorations

Registration/certification fees- include fair fees, fair pass, DNA testing, YQCA certification costs, lost tag fees

date purchased	item description		cost
			(add column)
		TOTAL EXPENSES*	
		Transfer this number to page 12-c	

Feed Record -record grain or complete feed purchased. (Add additional pages if needed)

- Record the date feed was purchased.
- Record the commercial name of feed purchased as it appears on the label and record the percentage of crude protein in the feed
- Record the amount (lbs.) and cost
- Determine the price per pound of purchased feed for (cost ÷ lbs.)
- If using home-grown feed, the estimated value needs to be included as the cost.

date purchased	feed name	% crude protein	lbs.	price per pound	cost
			(add column)		(add column)
		AL LBS CHASED		TOTAL COST	

PURCHASED

Feed Record-record any protein supplements or roughage purchased (Add additional pages if needed) Record the commercial name of the supplement as it appears on the label or the type of roughage. Record the date feed was purchased, weight (lbs.), and cost Determine the price per pound of purchased feed for the "price per pound" column. (cost ÷ pounds) If using home-grown feed, the estimated value of needs to be included as the cost. date supplement/roughage lbs. price per cost purchased pound (add column) (add column) TOTAL LBS **PURCHASED** TOTAL **Feed Expense Calculations** COST Total cost of feed purchased (add total of grain/complete and Total pounds of feed purchased protein supplements /roughage charts) (add total of grain/complete and protein supplements/roughage charts) (Box 1) (Box 3) **VALUE ENDING INVENTORY-**calculate the amount lbs. left (lbs. left X price per pound) of feed left at the end of your project (Box 2) (Box 4) **TOTAL POUNDS FED-**Subtract the feed left Transfer this to (Box 2) from Total lbs. purchased (Box 3) number to page (Box 5) 12-b **TOTAL AMOUNT SPENT-** subtract the value of feed left (Box 4) from total cost of feed purchased (Box 1) (Box 6)

Weight Record (Add additional pages if needed)

Animal ID):		Animal I	D:
Date	Weight	Use one charts for each	7 1111116111	
(Beginning)		market animal.	Date	Weight
			(Beginning)	
(Final)			(Final)	

It is recommended to weigh or tape your animal(s) at least once each month or more as appropriate for your species.

My Project Animal:

(Please complete page 7 for each market animal - make additional copies of this form as needed)

Ear Tag Number	Sex	Breed	Date Acquired	Beginning Weight	Final Weight (A)
NOTE: The final weight a	on he det	rmined by weight tone socie	at hama ar at ti	f -:-	

NOTE: The final weight can be determined by weight tape, scale at home or at the fair. This can allow the exhibitor to complete record book prior to the fair.

My Estimated Project Income:

Market Price* Final Weight (A)

*Market Price - is the price you would receive

under normal sale conditions (such as an auction sale yard). These prices are published in agriculture newspapers, magazines, or TV and

= \$ EXPECTED MARKET INCOME

Total Expected Income

(Add expected market income and other income)

My Project Expenses:

radio farm reports and online.

VALUE

a \$	
b \$	
c \$	
\$	<u></u> └───
	b \$ c \$

Total Expenses

Formula to Calculate Your Breakeven Price:

\$	÷	=	\$
Total	Final Weight		Breakeven Price
Expenses	of Animal (A)		(Price per pound needed to cover expenses

^{**}OTHER INCOME could include premiums from another show, sale of by-products (wool, eggs, manure, etc.), etc., generated prior to the fair.

My Project Efficiency InformationComplete the information below based on one of your market animal(s) raised.

1÷ Total lbs. of Gain (a) (Page 11) final weight – beginning weight)	Days on Feed (Date of purchase - estimated sale date)	Average Daily Gain (Amount of weight animal gained each day)
2. ÷ Total Feed Cost (Box 6 Page 10 total divided per animal)	Total lbs. of Gain (a)	= Feed Cost per lbs. of Gain
3. ÷ Total lbs. of Feed Fed (Box 5 Page 10 total divided per animal)	Total lbs. of Gain (a)	Lbs. of Feed Fed per lbs. of Gain
Why is it important to calculate each of the control of the contro		- , ,
2. Feed Cost per lbs. of Grain		
3. Lbs. of Feed Fed per lbs. of Ga	in	

Beginning Project Picture Take a photo of your project animal(s). Date of photo:
Ending Project Pictures Take a photo of your project animal(s) at the end of your project. This will help indicate how your animal(s) have grown and developed.
Date of ending photo:

Project Reflection:

Please respond to the following questions (additional pages can be added).

1. What does quality animal care involve?

2. What are the six pillars of character? Give an example of how each can be applied to raising or showing livestock.

. List and desc animals?	ribe two steps	ง you can pเ	ut into place	to improve	the biosecu	rity of your	4-H proj

Project Reflection Bonus Questions:

Please respond to the following bonus questions to increase your final score. (additional pages can be added)

1. What did you learn in the project this year? Where or how?					
2. Describe three ways to administer medication to your animal.					
3. Describe conformation and why it is important to a market animal.					

Scoring

Advanced

PAGE	CONTENT	POINTS POSSIBLE	SCORE
Cover	Exhibitor Information	2	
2	Animal Information	2	
3	Goals	6	
3	Potential Buyers	3	
3	Communication Strategies	3	
3	Marketing Strategies	3	
3	Marketing Materials	8	
4	Herd Health Plan	10	
5-6	Herd Health Plan Production Record	9	
7	Inventory of Supplies	4	
8	Expenses Record	5	
9- 10	Feed Record	5	
10	Feed Expense Calculations	4	
11	Weight Record	5	
12	Break Even Calculations	6	
13	Project Efficiency Information	6	
14	Project Photos	4	
15	Question 1	5	
15	Question 2	5	
15	Question 3	5	
	TOTAL POINTS	100	





Name				
Club	1 1 1			

BONUS POINTS						
PAGE	CONTENT	POINTS POSSIBLE	SCORE			
16	Question 1	5				
16	Question 2	5				
16	Question 3	5				

Judge's Comments