

2019

VAN WERT COUNTY 4-H LIVESTOCK MARKET RECORD BOOK



YOUTH INFORMATION

NAME _____

CLUB _____ AGE _____ (AS OF 1/1/2019)

YEARS IN 4-H _____ YEARS IN THIS ANIMAL PROJECT _____

AGE CLASS

CHECK ONE BOX BELOW

- Junior Class (Age 8-10)
- Intermediate Class (Age 11-13)
- Senior Class (Age 14-18)

SAVE THE DATE!

Livestock Interviews & Skillathons will be held
Monday, July 29, from 3-7pm at the Fairgrounds.

Record Book

Check One Box Below

- | | | |
|--|---|--------------------------------------|
| <input type="checkbox"/> Market Beef Steer | <input type="checkbox"/> Market Chicken | <input type="checkbox"/> Market Hog |
| <input type="checkbox"/> Beef Feeder | <input type="checkbox"/> Market Turkey | <input type="checkbox"/> Market Duck |
| <input type="checkbox"/> Dairy Beef Feeder | <input type="checkbox"/> Market Goose | |
| <input type="checkbox"/> Market Goat
(Boer & Dairy) | <input type="checkbox"/> Market Lamb | |
| | <input type="checkbox"/> Market Rabbit | |



THE OHIO STATE UNIVERSITY

COLLEGE OF FOOD, AGRICULTURAL,
AND ENVIRONMENTAL SCIENCES



vanwert.osu.edu

Market Livestock Record Book & Interview Scoring

Name:		As of Jan 1 of Current Year Junior: 8-10 Intermediate 11-13 Senior 14-18
Club:		
Page	Section	Market Project Point Value
Cover	Youth Information	1
3	Youth Agreement	1
4	Project Animal Information	1
5	Treatment Record	1
5	Animal Project Weights	3
6	Feed Record Summary	2
7	Livestock Feeding and Performance Evaluation	3
8	Supplies and Other Expenses	1
9	Closing Animal Inventory	3
9	Other Animal Income	1
11	Profit/Loss Statement	3
	Station #1: Project Book Score	20
	Station #2: Interview	20
	Station #3: Quality Assurance	20
	Station #4: Skillathon A	20
	Station #5: Skillathon B	20
	Total Points Available	100

YOUTH AGREEMENT

The terms of this agreement shall begin on the _____ day of _____, 20_____, and terminate on the _____ day of _____, 20_____, or when the animal(s) are sold.

Who will provide the following?

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

Youth Livestock Program Commitment to Excellence

Initial each line to acknowledge.

_____ 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 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 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 in order to complete my livestock project.

Member Signature _____ Date _____

Parent/Guardian Signature _____ Date _____

PROJECT ANIMAL INFORMATION

Please list each animal separately! Example: One (1) Hog is a line or two (2) meat pens of chickens equals 6 lines.

Animal ID	Sex	Breed	Date Born	Date Purchased	Purchase Price or Value at start (A)
					\$
					\$
					\$
					\$
					\$
					\$
					\$
					\$
					\$
					\$
TOTAL PURCHASE PRICE AT START (A)					

Total Number of Animals (N) = _____

TREATMENT RECORD

To receive full points must mark* N/A if no treatment was given*

Treatment Date/Time	Animal ID	Condition Being Treated	Treatment Given	Dosage	Route of Administration	Date Withdrawal Complete

ANIMAL PROJECT WEIGHTS

Animal ID	Final Weight (C)	-	Beginning Weight (B)	=	Total .lbs of gain (D) (C-B=D)	Date started on feed	Book Judging Date	Total days fed (E)
		-		=				
		-		=				
		-		=				
		-		=				
		-		=				
		-		=				
		-		=				
		-		=				
		-		=				

FEED RECORD SUMMARY

Date	Type of Feed	Pounds	Cost
			\$
			\$
			\$
			\$
			\$
			\$
			\$
			\$
			\$
			\$
			\$
			\$
			\$
			\$
			\$
			\$
TOTAL		.LBS = (H)	\$ = (G)

Average Feed Per Animal (F) = (Total Pounds ÷ Number of Animals (N))

$$(F) = \left(\underline{\hspace{2cm}} \div \underline{\hspace{2cm}} \right)$$

Total lbs. (H) Number of Animals (N)

$$(F) = \underline{\hspace{3cm}}$$

LIVESTOCK FEEDING & PERFORMANCE EVALUATION

Below are the equations you will use to figure out the information below. You only need to do a maximum of 5 animals for this exercise. Round to two decimal points (X.XX)

- Average Daily Gain: $(D \div E) =$ lbs per day
- Feed Efficiency: $(F \div D)$.lbs feed/.lb gain
- Feed Cost per Pound of Gain: $(G \div D)$ \$ per lb.

ID	Average Daily Gain (D ÷ E)	Feed Efficiency (F ÷ D)	Feed Cost per Pound of Gain (G ÷ D)

If you only have one animal, please fill out #1 only.

1. Which animal was the most expensive per pound to feed?

Animal ID # _____ was \$ _____ per pound

2. Which animal was the least expensive per pound to feed?

Animal ID # _____ was \$ _____ per pound

SUPPLIES & OTHER EXPENSES

Expenses for **non-feed items**. (Insurance, bedding, equipment, tags, veterinary, transportation, etc.) If none, write none and explain why. Estimate expenses to judging day.

Date	Item	Cost
		\$
		\$
		\$
		\$
		\$
		\$
		\$
		\$
		\$
		\$
		\$
		\$
TOTAL VALUE OF SUPPLIES & OTHER EXPENSES (I) =		\$

CLOSING ANIMAL INVENTORY

Fill out one line per animal to be sold.

ID	Final Weight (C)	X	Avg. Market Price*	=	Estimated Sale Value
		X		=	\$
		X		=	\$
		X		=	\$
		X		=	\$
		X		=	\$
TOTAL VALUE OF ANIMALS SOLD (J)				=	\$

Please Use the Following Numbers Below as a guide for doing the math above. You can look up your own numbers online if you wish.

Steers- 1.20 lb.

Holstein Steers- \$0.90 lb.

Dairy Feeders- \$0.78 lb.

Hogs- \$0.51 lb.

Sheep - \$1.90 lb.

Goat - \$1.30 lb.

Turkeys - \$0.75 lb.

Chickens - \$0.85 lb.

Rabbits - \$1.50 lb.

OTHER INCOME

Show premiums, selling eggs, manure, etc.

Date	Item	Amount
	TOTAL OTHER INCOME= (K)	\$

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PROFIT OR LOSS STATEMENT

INCOME

- ❖ Total Value of Animals Sold (J) *pg. 9* \$ _____
- ❖ Other Income (K) *pg. 9* \$ _____

TOTAL INCOME (L) \$ _____

EXPENSES

- ❖ Purchase Price/Value of Animals at Start (A) *pg. 4* \$ _____
- ❖ Value of Feed (G) *pg. 6* \$ _____
- ❖ Value of Supplies and Other Expenses (I) *pg. 8* \$ _____

TOTAL EXPENSES (M) \$ _____

PROJECTED PROFIT OR LOSS

- ❖ Total Income (L) \$ _____
- ❖ Total Expenses (M) \$ _____

PROJECTED PROFIT OR LOSS (L-M) \$ _____

2019