



or class weight and bird age

Market Poultry Project Record Book

2023 U.P. State Fair

Advanced (ages 14-19)

CLASS: CORNISH HENS [] BROILER [] ROASTER []

Consult U.P. Fair Exhibitor's Guide for class weight and bird age

IMPORTANT: In order to participate in the U.P. State Fair Small Animal Auction, exhibitors are required to submit a completed market livestock record book and achieve a minimum score of 40 in the scoring rubric.

Records books may be picked up in the poultry barn office on 1:00 p.m., Friday, August 19th

PLEASE TYPE, PRINT, OR WRITE CLEARLY.

The record book needs to be completed by the exhibitor.

ALL POULTRY PROJECT RECORD LIVESTOCK BOOKS ARE DUE by

1:00 PM EDT: Monday, August 14, 2023

NAME AND EXHIBITOR NUMBER MUST BE PRINTED LEGIBLY ON THE FRONT COVER OF THE MARKET LIVESTOCK RECORD BOOK.

Name _____

EXHIBITOR CELL PHONE NUMBER _____
(best # to reach you during fair week)

U.P. State Fair Exhibitor No. _____

Club Name _____

Club Leader _____

County _____ **Years in Project** _____

Official Fair Age _____

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

JUDGING RESULTS

(OFFICE USE ONLY)

RIBBON AWARD: 1 2 3

Name: _____

Date of Birth: _____

I hereby certify that, as the exhibitor of this project, I have personally been responsible for the care of this animal, record keeping, and have completed this record book. I am aware that this record book may be on display during the auction and/or fair, and thus all content will be appropriate.

Youth Signature: _____ Date: _____

I, the parent/guardian, certify that my son/daughter has completed this project and completed this record book and will comply with all rules and regulations. I give permission for this record book to be displayed to the public and will ensure that all content is appropriate.

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 regard 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.

Project Information

(Submit one completed record book for each market species)

Name and /or description of Animal(s) _____

Breed(s): _____

Identification number: _____

Estimated Birth date of animal(s): _____

Date of ownership or purchase date: _____

Estimated beginning value of animal(s): _____

Please tell us about your project animal (check all that apply):

- Purchased my project animal(s)
- Project animal(s) are bred & owned (from an animal on my family farm)
- Other (please explain): _____

Comments 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 poultry project:

1. _____

2. _____

3. _____

Please list three potential buyers you plan to approach this year:

1. _____
2. _____
3. _____

Please list three marketing strategies you plan to utilize this year.

1. _____
2. _____
3. _____

Beginning Project Pictures

Take a picture of your project animal(s). Date of photo: _____

Weekly Feed Record Worksheet (Add additional pages if needed)

Feed Types*									Monthly	Total Cost
	lbs.	cost	lbs.	cost	lbs.	cost	lbs.	cost		
Week 1										
Week 2										
Week 3										
Week 4										
Week 5										
Week 6										
Week 7										
Week 8										
Week 9										
Week 10										
Week 11										
Week 12										
Week 13										
Week 14										
Week 15										
Week 16										
Week 17										
Week 18										
Week 19										
Week 20										
TOTALS		\$		\$		\$		\$		\$

*Type of feed should be expressed in pounds and include grains, supplements, mixes, hay, silage, etc.

*The estimated value of homegrown feed needs to be included.

Number of birds reflected on this chart

TOTAL FEED
add column

TOTAL FEED COST
add column
transfer to column F
on page 7

Expenses Other Than Feed Worksheet (Add additional pages if needed)

Expense Categories	Purchase Price (value)	Veterinary Charges	Medications/ Insecticides	Equipment	Registration Fees	Trucking/ Transportation	Housing rent/ Leasing fees	Bedding	Interest paid (if \$ borrowed)	Advertising/ Marketing	Buyer Recognition	Miscellaneous (specify)	Miscellaneous (specify)	Weekly Total
Week 1														
Week 2														
Week 3														
Week 4														
Week 5														
Week 6														
Week 7														
Week 8														
Week 9														
Week 10														
Week 11														
Week 12														
Week 13														
Week 14														
Week 15														
Week 16														
Week 17														
Week 18														
Week 19														
Week 20														
TOTALS														TOTAL \$

Number of birds reflected on this chart _____ Total Expense per animal \$ _____

TOTAL EXPENSES
Transfer to column G on page 7.



Weight Record (Add additional pages if needed)

Weigh your birds at least once each week. It is recommended to choose and identify three birds as your “representative” birds that you weigh each week.

Bird 1	
Date	Weight
Week 1	
Week 2	
Week 3	
Week 4	
Week 5	
Week 6	
Week 7	
Week 8	
Week 9	
Week 10	
Week 11	
Week 12	
Week 13	
Week 14	
Week 15	
Week 16	
Week 17	
Week 18	
Week 19	
Week 20	
(Final)	

Bird 2	
Date	Weight
Week 1	
Week 2	
Week 3	
Week 4	
Week 5	
Week 6	
Week 7	
Week 8	
Week 9	
Week 10	
Week 11	
Week 12	
Week 13	
Week 14	
Week 15	
Week 16	
Week 17	
Week 18	
Week 19	
Week 20	
(Final)	

Bird 3	
Date	Weight
Week 1	
Week 2	
Week 3	
Week 4	
Week 5	
Week 6	
Week 7	
Week 8	
Week 9	
Week 10	
Week 11	
Week 12	
Week 13	
Week 14	
Week 15	
Week 16	
Week 17	
Week 18	
Week 19	
Week 20	
(Final)	

Project Final Average Weight

Bird 1 Column A	Bird 2 Column B	Bird 3 Column C	Total Column D	Final Average weight Column E
(Final weight from page 6)	(Final weight from page 6)	(Final weight from page 6)	(Final weight= Bird 1+ Bird 2+ Bird 3)	(Column D divided by 3)

Project Expenses:

Total Feed Costs Column F	Total Cost Column G	Total Expenses Column H
(Total Feed Costs from page 4)	(Total Expenses from page 5)	(Column F + Column G)

Calculate Your Break Even Price:

Total Expenses Column I	Total # of Birds Raised Column J	Final Average Weight Column K	Break Even Price per Pound
(Total Expenses from page 7 column H) ÷	 ÷	(Final average weight page 7 Column E) =	Column I divided by Column J divided by Column K (I ÷ J ÷ K=)

Estimated Project Income:

Market Price per lb* Column L	Final Average Weight Column M	Total # of birds for sale Column N	Expected Market Income Column O	Other Income** Column P	Total Expected Income
	(Final Average Weight from page 7 Column E)		(L x M x N) =		(Column O + Column P)

***Market Price** - the price you would receive under normal sale conditions (such as an auction or sale yard). These prices are published on agriculture newspapers, magazines, newsletters, and reports. Poultry can use grocery store pricing if necessary.

****Other Income** – could include premiums from another show, sale of byproducts (eggs, manure, etc.) generated prior to fair.

Ending Project Picture

Take a picture of your project birds at the end of your project. This will help to indicate how your birds have grown and developed.

Date of ending photo: _____

Project Efficiency Information (per bird)

Average Daily Gain Calculation		
Total Pounds of Gain Column Q	Number of Days on Feed Column R	Average Daily Gain
(Final Average Weight from Page 7 Column E)		(Column Q ÷ Column R)

Feed Cost per Pounds of Gain Calculation		
Total Feed Cost Column S	Total Pounds of Gain Column T	Feed Cost per Pounds of Gain
(Total Feed Costs from Page 4 divided by number of birds raised)	(Final Average Weight from Page 7 Column E)	(Column S divided by Column T) $S \div T =$

Pounds of Feed per Pounds of Gain Calculation		
Total Pounds of Feed Fed per Bird Column U	Total Pounds of Gain Column V	Pounds of Feed per Pounds of Gain
(Total Feed Pounds from Page 4 divided by number of birds raised)	(Final Average Weight from Page 7 Column E)	(Total Pounds of Feed Fed per Bird divided by Total Pounds of Gain) $U \div V =$

Why is it important to calculate each of the factors above when raising animal(s)?

Average Daily Gain:

Feed Cost per lbs. of Grain:

Lbs. of Feed Fed per lbs. of Gain:

Project Reflection:

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

1. List 3 management strategies you used to improve animal health and well being.

2. What have you done to help other members be successful in this project?

3. List three supplements you could give your bird and explain the expected outcome of administering it.

4. Name the symptoms of a common poultry disease and the treatment or prevention needed if the disease is contracted.

5. List five steps you can put into place to improve biosecurity and sanitation practices.

6. Using the “4-H Targeting Life Skills Model”, choose one life skill from each of the sections (head, heart, hands, and health) and explain how you have developed the life skill through your poultry project. https://4-h.org/wp-content/uploads/2016/02/101.9_Targeting_Life_Skills.pdf

7. List three desirable conformation characteristics to look for when selecting a market bird.

8. Describe the differences between broiler feed and layer feed.

9. What are the five freedoms of animal care?

10. Describe four types of chicken feed and why you would use each.



Scoring

Advanced



PAGE	CONTENT	POINTS POSSIBLE	SCORE
Cover	Exhibitor Information	2	
2	Animal Information	2	
3	Goals	3	
3	Potential Buyers	3	
3	Marketing Strategies	3	
3 & 8	Project Pictures	2	
4	Feed Record	6	
5	Expenses Record	6	
6	Weight Record	6	
7	Break Even Calculations	6	
8	Estimated Project Income	2	
9 & 10	Project Efficiency Information	9	
11	Question 1	5	
11	Question 2	5	
11	Question 3	5	
11	Question 4	5	
12	Question 5	5	
12	Question 6	5	
12	Question 7	5	
13	Question 8	5	
13	Question 9	5	
13	Question 10	5	
	TOTAL POINTS	100	

Exhibitor Name <hr style="border: 0; border-top: 1px solid black; margin: 5px 0;"/>
Exhibitor Number <hr style="border: 0; border-top: 1px solid black; margin: 5px 0;"/>

Judge's Comments