



Manistee County 4-H Poultry Show & Market Record Book

Senior

Ages 15-19

Name: _____ Age (as of January 1): _____

Name of 4-H Club: _____ Year: _____

Name of 4-H Project Leader: _____

Is this your First year in this Project: Yes [☐] No [☐]

If No, how many years have you been doing this project? _____

Number of Years in 4-H: _____

Record Start Date: _____ Record End 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.

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

4-H Record Books are required for all market livestock projects. They must include beginning and ending photos.

Record Books must be completed and turned in to the Manistee Livestock Council by End of Day Saturday during Fair Week.

Why is your record book important? It . . .

- o will aid you in learning about all aspects of raising and selling livestock
- o helps you set goals for your project
- o helps you plan future projects
- o shows your financial decisions and outcomes
- o overall, will improve your management and organizational skills
- o It will be fun to look back at your book years from now... remember, this can be fun when you put all your effort into it!

Suggestions (*practices for good record keeping*):

- o Consistently fill in the record book; avoid waiting until the last minute.
- o Hang a calendar or notebook near your animal's pen to write notes in to help you with your record book.
- o Write neatly and clearly.
- o Take pictures before, during and after your project is done.
- o Complete your Thank You to your buyer soon after the sale.
- o Have FUN and work hard!

Resources to help you learn about your project:

- ☐ MSU Extension has educational materials you can check out
- ☐ Dairy Resource Handbook and the Beef Resource Handbook are available from Ohio State University at: <http://estore.osu-extension.org>
- ☐ Clinics and workshops, cattle judging at 4-H Exploration Days, etc.

Final Scores will be determined by the Grading Rubric on the Next Page.

Manistee County 4-H Livestock Market Animal Record Book Rubric

Name: _____ 4-H Club: _____ Date Record Book Closed: _____

Criteria	4 Points	3 Points	2 Points	1 Point	Score
Cover Page, Project Info & Pre-Project Questions, Project Photo Page	<ul style="list-style-type: none"> All information on page 1 completed properly Project Plan and Questions were completed using well written, thoughtful complete sentences 	<ul style="list-style-type: none"> All information on page 1 completed properly Project Plan and Questions were completed fully 	<ul style="list-style-type: none"> All information on page 1 completed properly Project Plan and Questions were attempted but not fully completed. 	<ul style="list-style-type: none"> All information on page 1 completed properly Project Plan and Questions were not complete or lacking. 	
Project Efficiency Information, Financial Records, Weight Records & Other Expenses	<ul style="list-style-type: none"> Feeding information was accurately completed with all boxes completed. These 4 records are complete and accurate as required for the project. Both financial records are complete and accurate with the appropriate number of entries for each. 	<ul style="list-style-type: none"> Feeding information was completed accurately 3 of the records are complete and accurate as required for the project. One of the two financial records are complete and accurate with the appropriate number of entries for each. 	<ul style="list-style-type: none"> Feeding information was attempted but not complete 2 of the records are complete and accurate as required for the project. Both of the financial records were attempted to be completed and accurate with the appropriate number of entries for each. 	<ul style="list-style-type: none"> Feeding information is incomplete. All Records have been attempted but are not accurate. None of the financial records were completed and accurate with the appropriate number of entries for each. 	
Education Workbook	<ul style="list-style-type: none"> All education questions were handwritten in Ink, each question was answered fully. Each was written clearly and well organized. 	<ul style="list-style-type: none"> All education questions were answered fully. 	<ul style="list-style-type: none"> All questions were attempted but not answered fully or not clear. 	<ul style="list-style-type: none"> Some education questions were attempted, but not clear and need improvement. 	
Neatness	<ul style="list-style-type: none"> It is legible and reasonably neat with no crossed-out or hard-to-read words or numbers. It looks like the author took great pride in it. 	<ul style="list-style-type: none"> It is legible and reasonably neat but there are a few crossed-out, or hard-to-read words or numbers. 	<ul style="list-style-type: none"> The book is legible but it looks like parts of it might have been done in a hurry or some pages are messy. 	<ul style="list-style-type: none"> Most of the record book is barely legible. It appears that some parts of the record book were completed by someone other than the 4-H'er. 	

Circle Ribbon Earned:

Ages 15-19 17-20 Points—**Blue** 13-16 Points—**Red** 8-12 Points—**White** <8 Points—**No Ribbon**
 Ages 8-14 15-20 Points - **Blue** 11-14 Points - **Red** 6-10 Points - **White** <6 Points—**No Ribbon**

Total Score: _____

Project Information

(Submit one completed record book for each market species)

Please Select the Type of Poultry Represented in this Record Book:

Production Pullets	Meat Birds (Chickens)	Ducks	Pigeons
Turkeys	Geese	Breed/Non-Market	Other

What breed of bird did you get? _____

Where did you get your birds from? _____

How many birds did you order for your project? _____

How much did you pay for your birds (total)? \$_____

How much did each bird cost? \$_____

How much did each bird weigh at the beginning of your project? Date weighed: _____

Bird 1: _____

Bird 2: _____

Bird 3: _____

Bird 4: _____

Bird 5: _____

Bird 6: _____

Comments by Leader/Parent (optional): _____

Pre-Project Questions/Goals

Complete this portion of the record book pre-project or once animals are purchased. Please Answer All Questions.

1. Why did you choose to do a Poultry Project this year? _____

2. What breed of poultry did you choose for this project? Why? _____

3. List three (3) advantages of your selected breed:
a) _____
b) _____
c) _____
4. List three (3) disadvantages of your selected breed:
a) _____
b) _____
c) _____
5. If you HAVE done a Poultry Project in the past, what are you doing differently with this year's project? _____

6. How did you train/prepare your Birds for Showing this year? _____

7. Please List three (3) Goals you have for your Poultry Project this year: _____

Only Complete the following Questions if you Intend to Market your Poultry Pen

I do not intend to Market (Sell) this Animal Project. []

1. Please List three (3) potential buyers you plan to approach this year:

a) _____

b) _____

c) _____

2. Please List three (3) communication strategies you plan to utilize this year:

a) _____

b) _____

c) _____

3. Please list three (3) marketing strategies you plan to utilize this year:

a) _____

b) _____

c) _____

Anticipated Income from Animal(s): \$_____

Project Photo Page

Minimum Beginning Project Photo and End Project Photo REQUIRED. May submit additional photos with Annual Record Book.

Beginning Project Picture

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

Ending Project Pictures

Take a picture 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: _____

Monthly Feed Record Worksheet (Add additional pages if needed)

Feed Types* ⇒										
	lbs.	cost	lbs.	cost	lbs.	cost	lbs.	cost	Monthly lbs.	Total Cost
SEPT										\$
OCT										\$
NOV										\$
DEC										\$
JAN										\$
FEB										\$
MARCH										\$
APRIL										\$
MAY										\$
JUNE										\$
JULY										\$
AUG										\$
TOTALS		\$		\$		\$		\$		\$

NOTE: RECORD FEED AS IT IS FED TO YOUR ANIMAL.

- *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 animals reflected on this chart.

TOTAL FEED add column	TOTAL FEED COST add column
---------------------------------	--------------------------------------

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

Expense Categories	Veterinary Charges	Medication/ Insecticides	Bedding	Equipment	Registration Fees	Trucking/ Transportation	Housing rent/ Leasing fees	Clipping/ Shearing fees	Interest paid (if \$ borrowed)	Advertising/ Marketing	Buyer Recognition	Miscellaneous (specify)	Miscellaneous (specify)	Monthly Total
SEPT														\$
OCT														\$
NOV														\$
DEC														\$
JAN														\$
FEB														\$
MARCH														\$
APRIL														\$
MAY														\$
JUNE														\$
JULY														\$
AUG														\$
TOTALS														TOTAL \$

_____ Number of animals reflected on this chart.

\$_____ Total Expense per animal

TOTAL EXPENSES
(Transfer this number to page
8 – c. If this is for more than
one animal, divide by the
number of animals.)



Weight Record (Add additional pages if needed)

It is recommended to weigh your animal(s) at least once each month or more as appropriate for your species.
Use one of the charts below for each market animal.

[illegible][illegible][illegible]

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 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:

$$\frac{\text{Market Price}^*}{\text{Final Weight (A)}} \times = \$ \text{EXPECTED MARKET INCOME}$$

***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 radio farm reports and online.

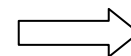
$$+ \$ \text{OTHER INCOME}^{**} =$$

Total Expected Income
(Add expected market income and other income)

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

My Project Expenses:

	VALUE
Purchased Animal = List Price (page 2) or Raised Animal = List Value at Start of Project	a \$
Total Feed Costs Per Animal From Monthly Feed Record Worksheet (page 4)	b \$
Total Cost From Per Animal Expenses Other Than Feed Worksheet (page 5)	c \$
TOTAL EXPENSES (a+b+c)	\$



Total Expenses

Formula to Calculate Your Breakeven Price:

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

My Project Efficiency Information (Please complete page 9 for one market animal)

Complete the information below based on one of your market animal(s) raised.

1. $\frac{\text{Total lbs. of Gain (a)}}{\text{Days on Feed}}$ = $\text{Average Daily Gain}$
(Page 6 final – beginning weight) (Date of purchase estimated sale date) (Amount of weight animal gained each day)

2. $\frac{\text{Total Feed Cost}}{\text{Total lbs. of Gain (a)}}$ = $\text{Feed Cost Per lbs. of Gain}$
(Page 4 total divided per animal)

3. $\frac{\text{Total lbs. of Feed Fed}}{\text{Total lbs. of Gain (a)}}$ = $\text{Lbs. of Feed Fed per lbs. of Gain}$
(Page 6 total divided per animal)

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

1. _____
2. _____
3. _____

1. What type of feed did you use at the START of your project? _____

2. What was the amount of protein in your Starting Feed? _____
3. What type of feed did you use to FINISH your project? _____

4. What was the amount of protein in your Finishing Feed? _____
5. Why is the protein content important when it comes to poultry? _____

6. List some ingredients in the Poultry Feed you are using. Indicate the Brand. _____

7. Did you feed any other supplements? What were they and why? _____

8. How often did you feed this project? _____

Senior Poultry Education Workbook

This part of the Annual Record Book is designed to self-test and review how much you have learned about your chosen participation projects over the years. Please make sure you are completing the correct amount of work required for your age division.

Workbook Instructions:

1. **READ ALL INSTRUCTIONS AND QUESTIONS THOROUGHLY AND CAREFULLY.**
2. You will be graded on the number of correct answers given for each section.
3. Even if you are NOT Marketing (Selling) your 4-H Poultry Animal Project, you **MUST** complete this section of the Record Book.
4. You may use previous year's record books and other MSU or scientific resources to help you answer the questions. It is encouraged that you use as few aids as possible to truly test your knowledge.
5. Answers should reflect knowledge appropriate of your age and number of years in 4-H.



Please List all the Sources that you used to complete your Workbook for the Year below:

-

Project Knowledge

Answer all questions to the best of your abilities.

1. How many eggs can a chicken lay each day? _____
2. A dual-purpose chicken is one that is raised for both _____ & _____.
3. Name three factors used to grade a carton of eggs.
 - a) _____
 - b) _____
 - c) _____
4. What are the four (4) grades of eggshells?
 - a) _____ c) _____
 - b) _____ d) _____
5. How many days does it take to hatch an egg?
 - a) Chicken: _____ e) Pheasant: _____
 - b) Duck: _____ f) Guinea: _____
 - c) Turkey: _____ g) Quail: _____
 - d) Goose: _____ h) Peacock: _____
6. List six (6) different comb types:
 - a) _____ d) _____
 - b) _____ e) _____
 - c) _____ f) _____
7. A parasitic infestation that kills chicks kept in damp, unclean housing is called: _____
8. What are three areas which should be examined when evaluation layers?
 - a) _____
 - b) _____
 - c) _____
9. Name five (5) Bantam Breeds of Chickens:
 - a) _____ d) _____
 - b) _____ e) _____
 - c) _____

10. The short feather in the middle of the wing that separates the primary feathers from the secondary feathers, also called the key feather is called:
_____.

11. What temperature should the brooding area be?

_____ degrees F. or _____ degrees C.

12. To examine the contents of an egg with light in a dark room is called
_____.

13. The practice of trimming the combs, wattles, and ear lobes of Modern Game and Old English Game Cocks is called: _____

14. List five (5) qualities of a good showperson:

- a) _____
- b) _____
- c) _____
- d) _____
- e) _____

15. List three (3) ways you acted as a Mentor to your Club and/or Program this year:

- a) _____
- b) _____
- c) _____

Skin Color of Breeds

*List one of the following- Yellow, White, Pinkish, or Black for each breed.
Seniors: List all.*

1. Brahma _____
2. Silkie _____
3. Jersey Giant _____
4. Australorp _____
5. Cornish _____
6. Plymouth Rock _____
7. Rhode Island Red _____
8. Sussex _____
9. Wyandotte _____
10. New Hampshire _____
11. Houdan _____
12. Orpington _____

Diseases of Poultry

Match each term with the correct description.

Seniors: Match all.

Blackhead	Coccidiosis	Marek's Disease	Newcastle
Pullorum	Avian Pox	Coryza	Avian Influenza

_____ Caused by bacterium salmonella

_____ Viral disease affecting the respiratory, digestive and/or nervous system of many species of birds.

_____ Caused by protozoa carried by the cecal worm, which infects chickens & turkeys.

_____ Caused by a virus and kills chicks. Causes economic loss due to severe drop in egg production in laying flocks.

_____ Relatively slow-spreading disease, characterized by wart-like nodules on the skin.

_____ Caused by a herpes virus that affects mainly chickens.

_____ This parasite attacks the intestine, causing diarrhea, unthriftiness & death.

_____ Caused by the bacterium haemophilus Paragallinarum

Diseases of Poultry

Match each term with the correct description.

Seniors: Match all.

Tape Worm	Capillaria Worm	Cecal Worms	Large Roundworm
Mites	Lice	Fleas	Ticks

_____ Most damaging of all worms. Can cause reduction of nutrient absorption, intestinal blockage, & death.

_____ Can live for more than one (1) year without feeding, will cause a decrease in egg production & weight gain.

_____ Six (6) legged, flat-bodied insect, broad, round head – females lay 50-300 eggs at a time.

_____ Parasitic flatworm has a long ribbon-like body with many segments.

_____ Grow in the ceca (two blind pouches at the junction of the small & large intestine).

_____ Attach themselves to the skin & wattles on the head of birds.

_____ A warm weather pest that sucks blood from the bird at night & hides in the cracks & crevices of the house during the day.

_____ Parasitic nematode, found in the urinary bladder, and occasionally in the kidneys.

Parts of a Chicken

Seniors: Label All Parts

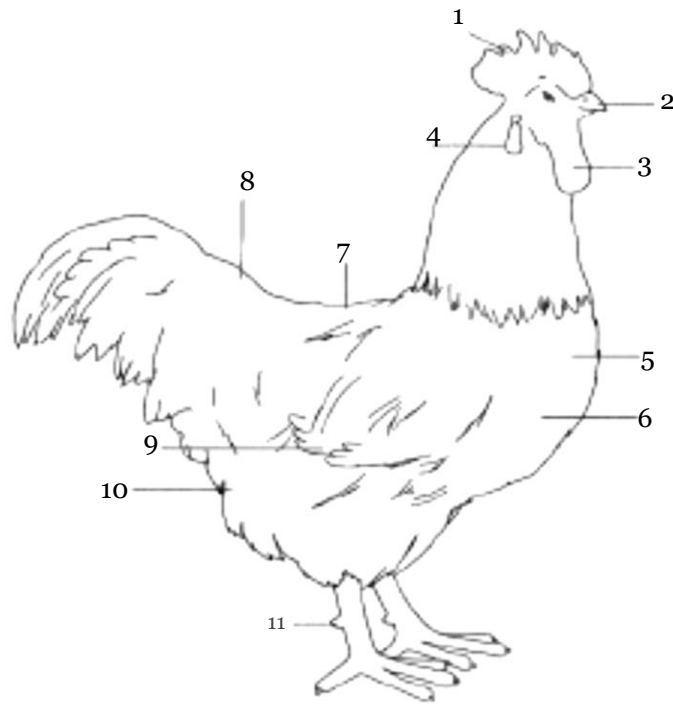


Diagram Courtesy of Center for Agricultural & Environmental Research & Training (CAERT)

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____

Parts of a Duck

Seniors: Label All Parts

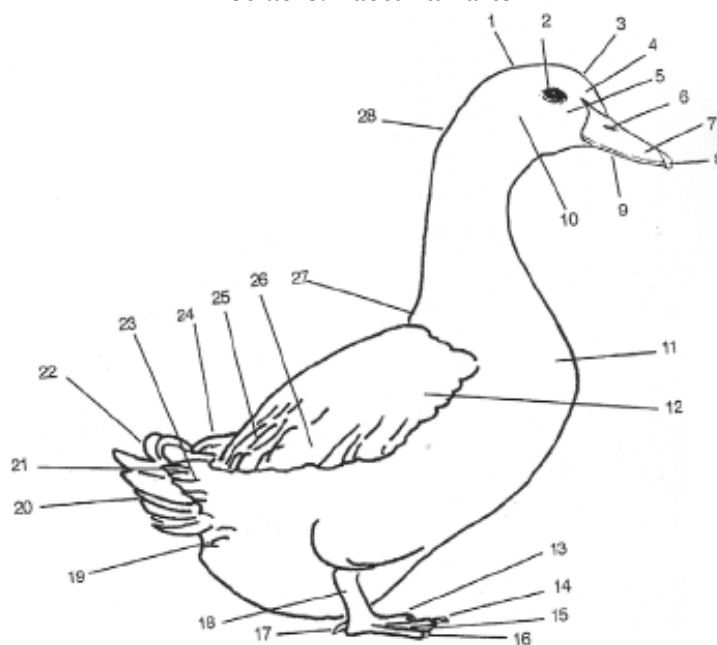


Diagram Courtesy of University of California Extension – San Luis Obispo County 4-H

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____

15. _____
16. _____
17. _____
18. _____
19. _____
20. _____
21. _____
22. _____
23. _____
24. _____
25. _____
26. _____
27. _____
28. _____

End Senior Workbook

Post Project Questions

Complete this portion of the record book post project, about one week before Move-In Day.
Please Answer All Questions.

1. How did you finance your Poultry project this year? _____

2. What do you like about the breed you chose? _____

3. Explain how you house your birds (outdoor hatch, shed, cages, etc.) and how you protect them from the weather and other animals? _____

4. What type of carrier did you use to bring your birds to fair? _____

5. Will you use this breed again? Why/why not? _____

6. What was your Favorite part about your Poultry Project this year? _____

7. Did you meet your project goals listed in this Record Book? _____

8. Is there anything different you would like to see with the Manistee County Poultry Program/Barn? _____

9. List any other Clubs or extra-curricular activities you are involved in: _____

Congratulations on a successful 4-H Animal Project!

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: _____



Judge’s Comments:

Please respond to the following statements to provide feedback to the youth.

The market animal(s) project owner did the following items well: _____

Areas to improve include: _____

Additional comments: _____

Judging Results (OFFICE USE ONLY)	Ribbon Award:	A	B	C
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