

**Northern District Fair
Market Poultry
Record Book**

___ **INTERMEDIATE** (10-14 yrs)

___ **SENIOR** (15-18 yrs)
(CHECK AGE GROUP)

Please Select one
___ **CORNISH**
___ **BROILER**



Name: _____

Number of years in the Project: _____

Fair Age as of January 1, of the current year: _____

4-H Club: _____

4-H Leader: _____

Record Started: _____ Record Closed: _____
Month/Day/Year Month/Day/Year

****RECORD BOOKS ARE DUE ON FIRST DAY OF FAIR****

WHY KEEP RECORDS....

Keeping records on your project should not be dull, boring, or scary.

Good records will:

- *Help you learn about your animal, how they grow, what they eat, and how to keep them safe.
- *Help you plan future projects.
- *Let you know if you made money or lost money, and how to improve on this.
- *Help you improve your management practices.
- *Give you a record of how you did on your project from start to finish.

RECORD BOOK RULES:

1. All Record Books are to be completed **BY THE EXHIBITOR**. There will be a 10% deduction in market sale proceeds if the books are completed by somebody else.
2. Record books **MUST** contain photos from Day 1 of the project, all the way through the end of the project. If you raise your birds with another family member, do **NOT** use the same pictures! You are to use your own pictures.
3. Record Books must be turned in on First day of Fair, you will be given an addendum page that will be given after the livestock auction that will be need to be turned in on Thursday by Noon. Failure to turn in your record book will result in a 10% reduction in market sale proceeds.
4. Use only the **APPROVED** record books you were given. **NO EXCEPTIONS!**
No 3-ring binders or folders or page protectors allowed.

Remember – Your Record Book is no better than what YOU put into them!

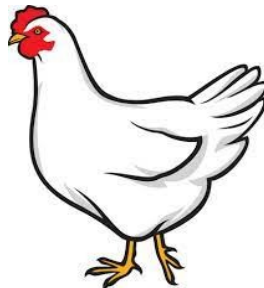
Exhibitor Signature: _____

Leader Signature: _____

PROJECT CERTIFICATION (To be completed by Exhibitor)

I hereby certify that, as the exhibitor of this market project, I have read and understand the rules. I also certify that I have personally taken care of these animals, and that I have completed this record book on my own. I understand that this record book is a requirement, and that 10% of my market proceeds may be deducted if I fail to complete this book properly.

Exhibitor Signature: _____



This Year's PROJECT GOALS:

List three things you want to accomplish with your project this year:

How do you plan to accomplish these goals? _____

Basic Project Information

What breed of chicken did you get? _____

How many chickens did you start with? _____

When were your chickens hatched? _____

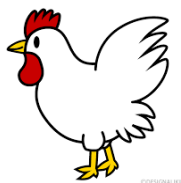
What is a baby chicken called? _____

What did each of your chickens cost? _____

What day did you pick your chickens up? _____

What is the MINIMUM weight for a Market Cornish? _____

What is the MINIMUM weight for a Market Broiler? _____



In the Beginning....DAY ONE

1. What temperature did you have your brooder set at? _____

2. Did you use a heat lamp? _____

3. What color is your heat lamp? _____

4. Did you put anything in their water at first? _____

If you did, what did you add and why? _____

5. Describe the type of brooder you used for your baby chicks: _____

6. What kind of bedding did you use in your brooder? _____

7. What causes your baby chicks to huddle up in their brooder? _____

8. Why is it important to keep your baby chicks away from drafts? _____

9. How did you keep your baby chicks draft free? _____



PROJECT EQUIPMENT

What things did you use for your project? Did you have your baby chickens in a box? In a tote? What kind of feeders did you use? What did you put in the bottom of your cage? List everything you had to use while raising your chickens for Fair.

EQUIPMENT	NEW/ USED	VALUE

1. What kind of Feeder did you use? _____

2. It is very important that your chicks have CLEAN and FRESH water all the time.

How often did you change your chick's water? _____

Did you wash their waterer? _____

3. How did you house your chickens once they were old enough to leave the Brooder?



BIRD WEIGHT RECORDS

It is very important that you weigh your birds regularly so that you can tell if they are gaining properly or if you have to change your feeding routine. Weighing regularly can also tell you if there is a flock illness that must be addressed.

Suggested schedule: Weigh weekly for Cornish, Every 2 weeks for Broilers and Turkeys.

NOTE: This weight record is only for the birds you are using for your market project!! Use an additional sheet to record the weights of the birds throughout your project, then transfer the weight information on the birds you will be using for your market pen at Fair onto this page. Accuracy is critical! Keep track of your individual birds by marking them in some way. You can use different colors of yarn tied on their legs, or leg bands, or different colors of marker on their shanks, or a different color dot of marker on each bird's head. Just be careful to keep changing the yarn or bands on the legs regularly as the birds grow!

CORNISH PROJECT WEIGHTS:

(Remember to only record weights for the 4 birds you will be using for Fair here)

What did your Cornish chicks weigh on DAY 1? _____

Weigh at end of:	PEN WEIGHT	WEIGHT GAIN
WEEK 1		
WEEK 2		
WEEK 3		
WEEK 4		

BROILER PROJECT WEIGHTS:

(Remember to only record weights for the 3 birds you will be using for Fair here)

What did your Broiler chicks weigh on DAY 1? _____

Weigh at end of:	PEN WEIGHT	WEIGHT GAIN
WEEK 1		
WEEK 3		
WEEK 5		
WEEK 7		



FEEDING YOUR MARKET BIRDS

ATTACH A FEED TAG FROM ONE OF YOUR BAGS HERE

(NOTE: If your bag does not have a tag on it, ask your feed store to supply you with a complete ingredient printout for your feed.)

1. What type of feed did you feed your baby chicks at the start of the project?

2. What did you feed your chicks as they got older? _____

3. How often did you feed your chicks? _____

4. According to your feed tag, what is the main ingredient?



FEEDING YOUR MARKET BIRDS Cont....

5. Look at your feed tag on your bag of chicken feed. What is the percent of the protein in your feed? _____

6. What does “withdrawal period” mean?

7. Is your chicken feed medicated? _____

If so, what is the name of the medication? (look on feed tag)

8. How long is the withdrawal period for your particular medicated feed?

9. How many total days did you feed your chickens? _____

10. What is another name for the Gizzard? _____

11. What is the function of the Gizzard? _____

12. What does “Fixed Formula” mean, when speaking of feed mixtures?



FEED RECORDS

The cost of feed is your greatest expense in your project. List all of the feed and supplements you used throughout your project.

Date	Type (starter, supplement)	Weight	COST
			TOTAL COST

****Only SENIORS need to complete FEED COSTS below****

Calculate your FEED COSTS:

A. Cost of a bag of feed \$ _____ ÷ _____ lbs in the bag = \$ _____ per lb. **(1)**

B. How many **total** chickens did you raise? _____ **(2)**

C. How many total bags of feed did you use during your project? _____ **(3)**

D. Take total pounds of feed used **(3 above, multiplied by the weight per bag)**, and divide that by the # of birds raised **(2)**.

This will give you the pounds of feed per bird. _____ **(4)**

E. Now multiply the lbs per bird **(4)** by the \$/lb, **(1)** and this is how much your feed costs were for your one market bird. _____ **(5)**

F. Multiply the number of birds in your pen _____ by the cost per bird **(5)** _____ to get your TOTAL FEED COST for your Pen \$ _____

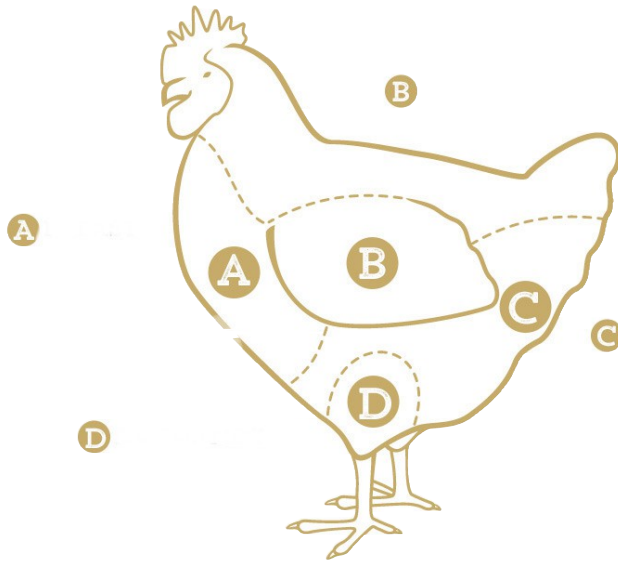


POULTRY BUTCHER PARTS AND WING PARTS

****THIS PAGE FOR SENIORS ONLY****

Label the diagram of
Chicken Butcher Cuts
from the list below.....

- Thigh
- Wing
- Breast
- Leg/Drumstick



Name the parts of a chicken wing...

- 1 _____
- 2 _____
- 3 _____
- 4 _____
- 5 _____
- 6 _____
- 7 _____
- 8 _____
- 9 _____



- Flight covers
- Primary covers
- Greater Wing bow covers
- Wing Bar (Lower wing covers)
- Scapulars (Shoulder butt)
- Secondaries
- Axial feather
- Primaries
- Median Wing bow covers



EXPENSE RECORDS

List all expenses you had with your project this year. We included some of the most common ones. **There are lots more!** Put your thinking caps on! Make sure you are listing the expenses for your Market Birds ONLY. (NOTE: Divide total expenses by the number of birds to get the total for your market birds only. Example: If you spent a total of \$100 on bedding for 6 birds in your project, divide \$100 by 6 to get \$16.67 in bedding cost for your one market bird)

EXPENSE	\$ AMOUNT
Birds	
Bedding	
Feed	
Entry fees	
Buyer's gift	

TOTAL PROJECT EXPENSES: _____



Parts of a Chicken

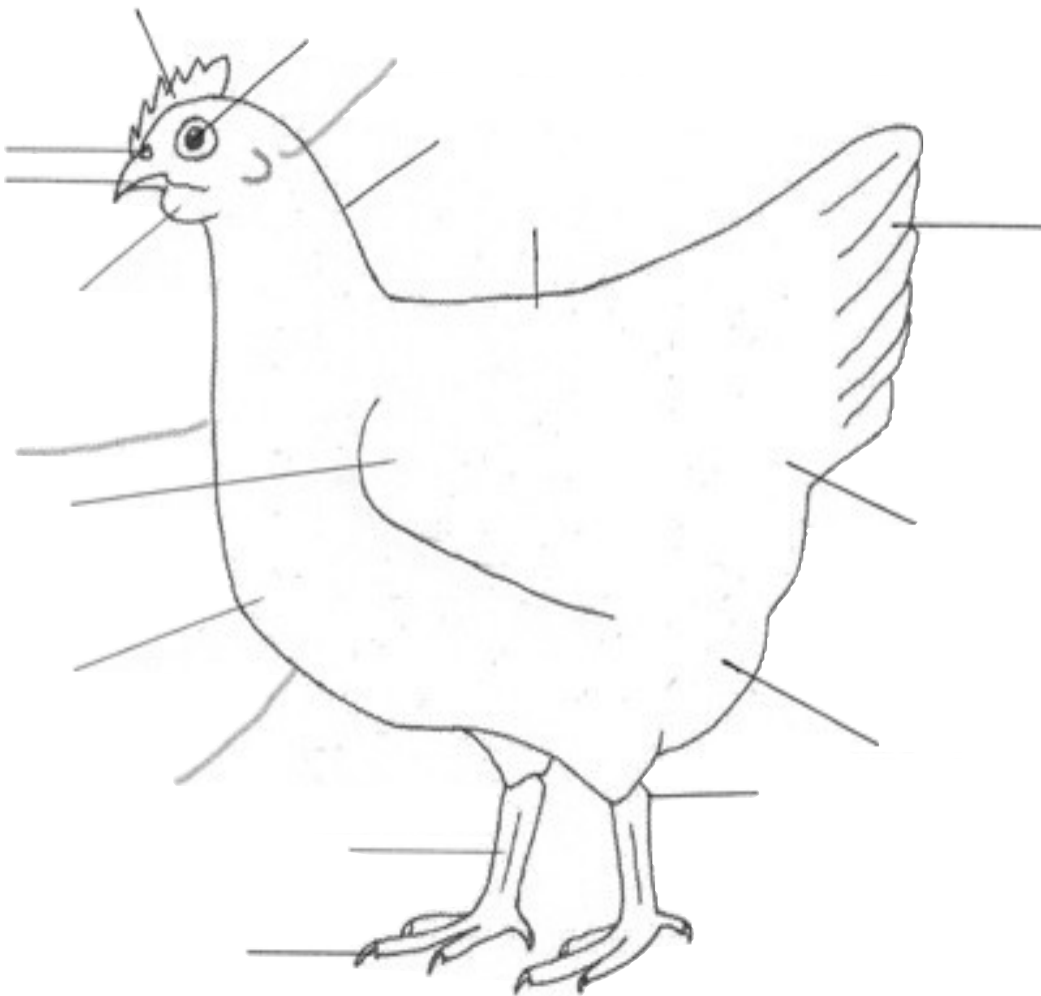
Label the chicken diagram from the list below.....

Toe
Shank
Hock
Keel bone
Crop

Wattles
Eye
Back
Comb
Beak

Tail
Abdomen
Vent area
Ear

Breast
Neck
Wing
Nostril



QUESTIONS FOR CORNISH & BROILER PROJECTS

1. What TWO places on a live meat bird do you want to check for meat quality? _____

2. How long is the Market Cornish project? _____
How long is the Market Broiler project? _____
3. What is another name for the breastbone in poultry? _____
4. What is the single most important nutrient you can give your bird? _____
5. How long does it take a chicken egg to hatch? _____
6. Define the following:
Cockerel _____
Rooster _____
Pullet _____
Hen _____
Capon _____
Molt _____
7. Why is it important to keep your chickens' pen clean at all times? _____

8. How did you keep your birds safe during your project? _____



Questions for Cornish & Broilers Project Cont...

9. What kind of bedding did you use for your chickens once they graduated from the brooder? _____

10. How often did you clean your food and water dishes? _____

11. Do you do anything special with your birds before the show? Explain: _____

12. What is Bumble Foot, and what causes it? _____

13. List three (3) ways to avoid heat stress in birds:

14. When you bring your birds to the Fair, they have to be blood tested before they can enter the barn. What is this blood test called and what are we testing for?



Questions for Cornish & Broilers Project Cont...

15. Name TWO parasites that commonly affect poultry. _____

16. What causes breast blisters on meat birds, and how do you prevent them?

17. What is the function of grit in the diet? _____



PROJECT PICTURES

You must include pictures from Day 1 and throughout your project, including the end of the project. Do NOT use a family member's photos for your record book!

PROJECT PICTURES

Page	Description	Point Possible	Your Points
Front	Cover Sheet	5	
	all info complete		
2	Why Keep Records/Certification	5	
	Complete and signed		
3	Project Goals and Information	5	
	Answer all questions		
4	In the Beginning	5	
	Answer all questions		
5	Project Equipment	5	
	Rather complete listing		
6	Projects Weights	5	
	Complete, accurate, realistic		
7 & 8	Feeding your Birds	5	
	Complete and answer all questions		
9	Feed Records	5	
	Rather complete listing		
10	Project Story	5	
	More than just a couple lines		
11	Poultry Body and Wing Parts	15	
	SENIORS ONLY	Seniors	
12	Expense Records	5	
	Shows some effort		
13	Parts of a Chicken	10	
	Complete		
14 - 16	Questions	10	
	Answer all questions		
17 & 18	Project Pictures	10	
	From Day 1 through end		
	****Addendum Page****	20	
	Will be given at fair for auction and due Noon on Thursday		
TOTAL		100	

Comments

Total Points

A –90 - 100

B – 80 - 89

C – 60 – 79

DQ: below 60

Record Book Judge: _____