



MARKET POULTRY RECORD BOOK

Name: _____

Age: _____

Club Name: _____

Date Project Started: _____

Date Project Completed: _____



FRYER CHICKENS WEEKLY RECORD

Week #	# Of Birds	Avg. Wt. Per Bird	Total Flock weight	Gain Per Week	Lbs. of Feed Consumed	Feed Type	Feed Cost	Problems?
1								
2								
3								
4								
5								
6								
7								

Total Lbs. of
Feed Consumed: _____

Total
Feed Cost: _____

To figure the average weight per bird, weigh three or more average size birds (not the biggest or the smallest). Add the individual weights together and divide the answer by the number of birds weighed. It is important that you keep track of the weights of your birds to see if they are growing at an acceptable rate, or if they are sick or doing poorly. You need to know what your birds weigh when you take them to the fair.

The average pound of feed per pound of gain for the Market Roaster industry is about 1.85 to 2.5 for birds that are 6-10 weeks old. Did you do better or worse than the industry average: A number smaller than above would mean that you did better than average. A number larger than above would mean that you were below average.

ROASTER CHICKENS WEEKLY RECORD

Week #	# Of Birds	Avg. Wt. Per Bird	Total Flock weight	Gain Per Week	Lbs. of Feed Consumed	Feed Type	Feed Cost	Problems?
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								

Total Lbs. of
Feed Consumed: _____

Total
Feed Cost: _____

To figure the average weight per bird, weigh three or more average size birds (not the biggest or the smallest). Add the individual weights together and divide the answer by the number of birds weighed. It is important that you keep track of the weights of your birds to see if they are growing at an acceptable rate, or if they are sick or doing poorly. You need to know what your birds weigh when you take them to the fair.

The average pound of feed per pound of gain for the Market Roaster industry is about 1.85 to 2.5 for birds that are 6 weeks old. Did you do better or worse than the industry average: A number smaller than above would mean that you did better than average. A number larger than above would mean that you were below average.

MARKET TURKEY WEEKLY RECORD

Week #	# Of Birds	Avg. Wt. Per Bird	Total Flock weight	Gain Per Week	Lbs. of Feed Consumed	Feed Type	Feed Cost	Problems?
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								

Total Lbs. of Feed Consumed: _____ Total Feed Cost: _____

To figure the average weight per bird, weigh three or more average size birds (not the biggest or the smallest). Add the individual weights together and divide the answer by the number of birds weighed. It is important that you keep track of the weights of your birds to see if they are growing at an acceptable rate, or if they are sick or doing poorly. You need to know what your birds weigh when you take them to the fair.

The average pound of feed per pound of gain for the turkey industry is about - tom 2.0 to 2.2 and hen 2.6 to 2.8. Did you do better or worse than the industry average: A number smaller than above would mean that you did better than average. A number larger than above would mean that you were below average. [<https://www.thepoultrysite.com>]

MARKET GEESE WEEKLY RECORD

Week #	# Of Birds	Avg. Wt. Per Bird	Total Flock weight	Gain Per Week	Lbs. of Feed Consumed	Feed Type	Feed Cost	Problems?
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								

Total Lbs. of Feed Consumed: _____ Total Feed Cost: _____

To figure the average weight per bird, weigh three or more average size birds (not the biggest or the smallest). Add the individual weights together and divide the answer by the number of birds weighed. It is important that you keep track of the weights of your birds to see if they are growing at an acceptable rate, or if they are sick or doing poorly. You need to know what your birds weigh when you take them to the fair.

The average pound of feed per pound of gain for the goose industry is about 3.14 to 4.03. Did you do better or worse than the industry average: A number smaller than above would mean that you did better than average. A number larger than above would mean that you were below average. [FAO.org]

MARKET DUCKS WEEKLY RECORD

Week #	# Of Birds	Avg. Wt. Per Bird	Total Flock weight	Gain Per Week	Lbs. of Feed Consumed	Feed Type	Feed Cost	Problems?
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								

Total Lbs. of Feed Consumed: _____ Total Feed Cost: _____

To figure the average weight per bird, weigh three or more average size birds (not the biggest or the smallest). Add the individual weights together and divide the answer by the number of birds weighed. It is important that you keep track of the weights of your birds to see if they are growing at an acceptable rate, or if they are sick or doing poorly. You need to know what your birds weigh when you take them to the fair.

The average pound of feed per pound of gain for the duck industry is about 2.5 to 3. Did you do better or worse than the industry average: A number smaller than above would mean that you did better than average. A number larger than above would mean that you were below average. [www.raising-ducks.com]

EGG PRODUCTION WEEKLY RECORD

Week #	# Of Birds	Total Eggs per Week	Lbs. of Feed Consumed	Feed Type	Feed Cost	Problems?
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						

Total # of
Eggs: _____

Total Lbs. of
Feed Consumed: _____

Total
Feed Cost: _____

EXPENSES AND RECEIPTS RECORD

By keeping this record, you will show whether you have made a profit or suffered a loss. Keep this record from the time you get your chicks until you finish the project.

<p><u>What to include in expenses:</u></p> <ul style="list-style-type: none"> • Birds bought or received free. • Feed purchased-amount, kind, and cost. • Homegrown grain used. • Bedding cost. • Cost of heating for brooding. • Egg cartons purchased. • Equipment purchased or homemade. • Processing cost. • If an item is free – estimate its cost. 	<p><u>What to include in receipts:</u></p> <ul style="list-style-type: none"> • Meat from your poultry sold. • Meat from your poultry used at home. • Eggs from your poultry sold or used at home. • Manure sold. • Other income (money coming in from this project).
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EXPENSES				RECEIPTS			
Date	Description/Quantity	Cost	Estimate	Date	Description/Quantity	Cost	Estimate
Totals:		\$	\$	Totals:		\$	\$

FIGURING FEED CONVERSION

POUNDS OF FEED PER POUND OF GAIN AND FEED COST

Feed is usually the costliest item when raising an animal. Feed conversion measures how many pounds of feed are required for each pound your animal gains. It tells you how efficiently your birds gained weight. By monitoring your bird's weight and feed consumption you can determine feed conversion.

Birds that require less feed to put on a pound of gain will make a larger profit for the producer because less money is spent on feed.

To figure the pounds of feed per pound of gain, total the pounds of feed you fed to your birds. Divide that answer by the total weight of live birds that you have left.

If you are unable to weigh all your birds – Weigh 3 birds and find the average weight of those 3 by adding the 3 weights together and divide by 3. This gives you the average weight of 1 bird.

Take that “average” weight and multiply by the total number of live birds that you have left.

Then take the total weight of the feed that you fed to those birds and divide that number by the total weight of your birds that you have left. That number is your Feed Conversion.

Example for Roaster Chickens (average weight of 8.25)	
Total Pounds fed to birds	280 pounds of feed
Total Weight of live birds	$\frac{280 \text{ pounds of feed}}{(10 \text{ birds weigh}) 82.5} = 3.39 \text{ pounds fed to gain a pound}$

For Market Fowl	
Total Pounds fed to birds	_____ =
Total Weight of live birds	_____ =

Did you do better or worse than the industry average (see below) for your project? _____

The average pound of feed per pound of gain for:

- Market chickens gain approximately 1 pound per 1.85 to 2.5 pounds of feed consumed.
- Turkeys fed typical commercial diets range from – tom 2.0 to 2.2 and hen 2.6-2.8
- Ducks fed typical commercial diets range from 2.5 to 3
- Geese fed typical commercial diets range from 3.14 to 4.03
- A number smaller than above would mean that you did better than average. A number larger than above would mean that you were below average.

How did you do better/worse? _____

For Egg Production	
Total Pounds fed to birds	_____ =
Total number of eggs	_____ =

SUMMARY OF MARKET PROJECT

SUPPLIES	THIS YEAR'S COST	LAST YEAR'S COST
Chicks		
Feed		
Medication		
Bedding		
Brooder and equipment		
Building utilities		
Total other costs		
TOTAL PRODUCTION COSTS:		

SUMMARY OF THE MARKET PROJECT – The answers here will help you with judge’s questions.

Describe your experience with this project.

1. Describe your successes and failures during the project.
2. What things would you do differently next time?
3. What parts did you need help with (from parents, leaders, friends)?
4. At what stage in the project was good management most critical?
5. Did weather play a part in any problems you may have had?
6. What type of house did you brood in?
7. What type of Brooder (heat source) did you use?
8. What type of bedding did you use?
9. How long did you brood the birds?
10. What type of facility did you grow and finish your birds in (confinement, free range, small shed, pen)?
11. Did you have any problems with predators or varmints?
12. What are the 4 main cuts of poultry meat?
13. Which cut is the most popular?
14. Is there anything else you feel is important?
15. What would you like to ask the judge?