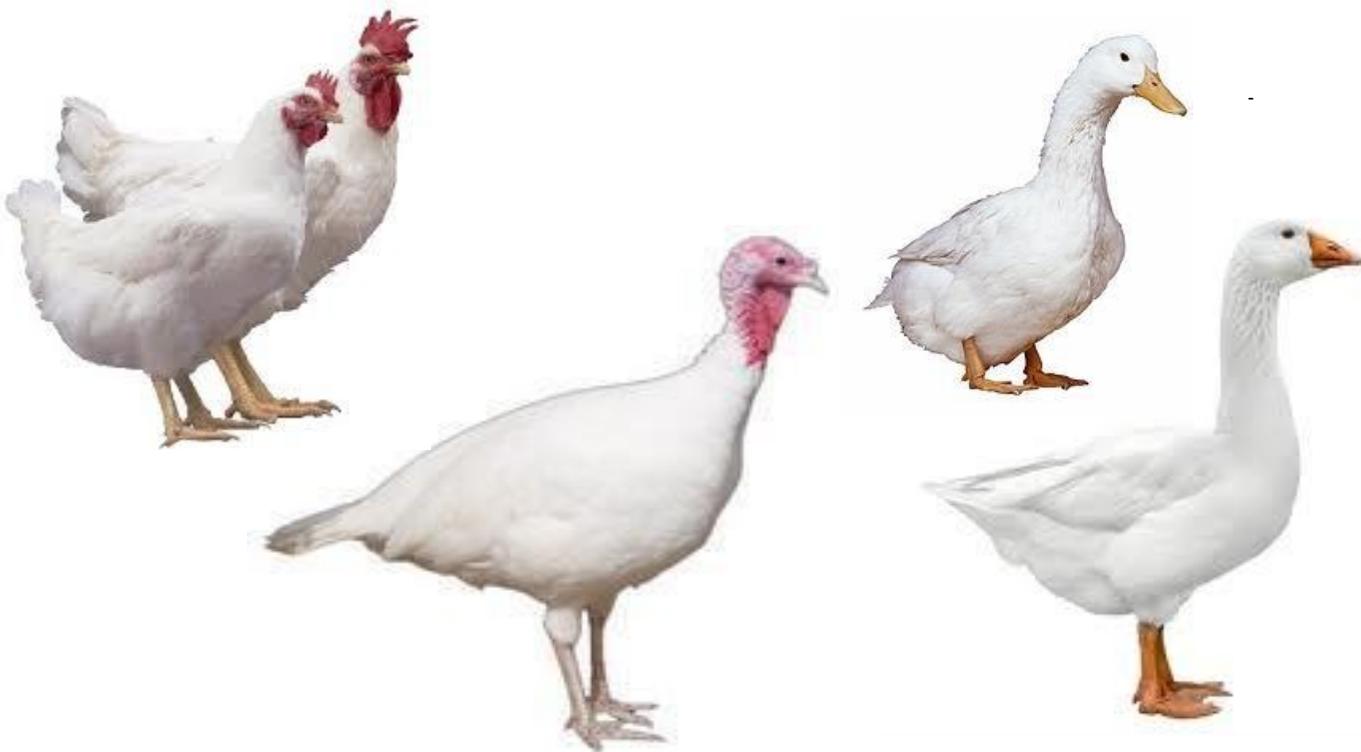




# JACKSON COUNTY



## MARKET POULTRY PROJECT | Growth Analysis

Name: \_\_\_\_\_

Fair Age (As of 1/1 current year): \_\_\_\_\_ Birth date: \_\_\_\_\_  
Mo. Day Year

Number of Years in 4-H: \_\_\_\_\_ Number of Years in Poultry: \_\_\_\_\_

4-H Club: \_\_\_\_\_

4-H Leader: \_\_\_\_\_

Record Started: \_\_\_\_\_  
Mo. Day Year      Record Closed: \_\_\_\_\_  
Mo. Day Year

**MICHIGAN STATE**  
**UNIVERSITY** | Extension

*MSU is an affirmative-action, equal-opportunity institution.*

# Why Keep Records?

This record is a part of your 4-H Project. By keeping records up to date, you will be able to see how much progress you make as you set goals and work to accomplish them.

## Keeping good records on your project will:

- Help you learn about animals, their rate of growth, the feed they require, the cost of the feed and their habits.
- Let you know if you made or lost money and how much.
- Improve your management practices.
- Give you a record of your project activities.

## Objectives:

To let 4-H Members:

- Experience the obligation and responsibility required in a livestock enterprise.
- Experience and cope with the “values” and “attitudes” of responsibility in a relatively unsupervised environment. Supervision will be on a periodic basis.
- Contribute to the family table with meat or to experience the marketing process and system through the sale of the product.
- Experience competition through showing the animal at local area organization sponsored shows, the fair and statewide shows.

Keep this record as part of your Personal 4-H Records. This information is helpful for you to plan future year's market projects, as well as if you ever apply for 4-H awards or a 4-H scholarship.

Remember- Records are no better than what YOU put into them!

Leaders Comments:

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Leaders Signature: \_\_\_\_\_

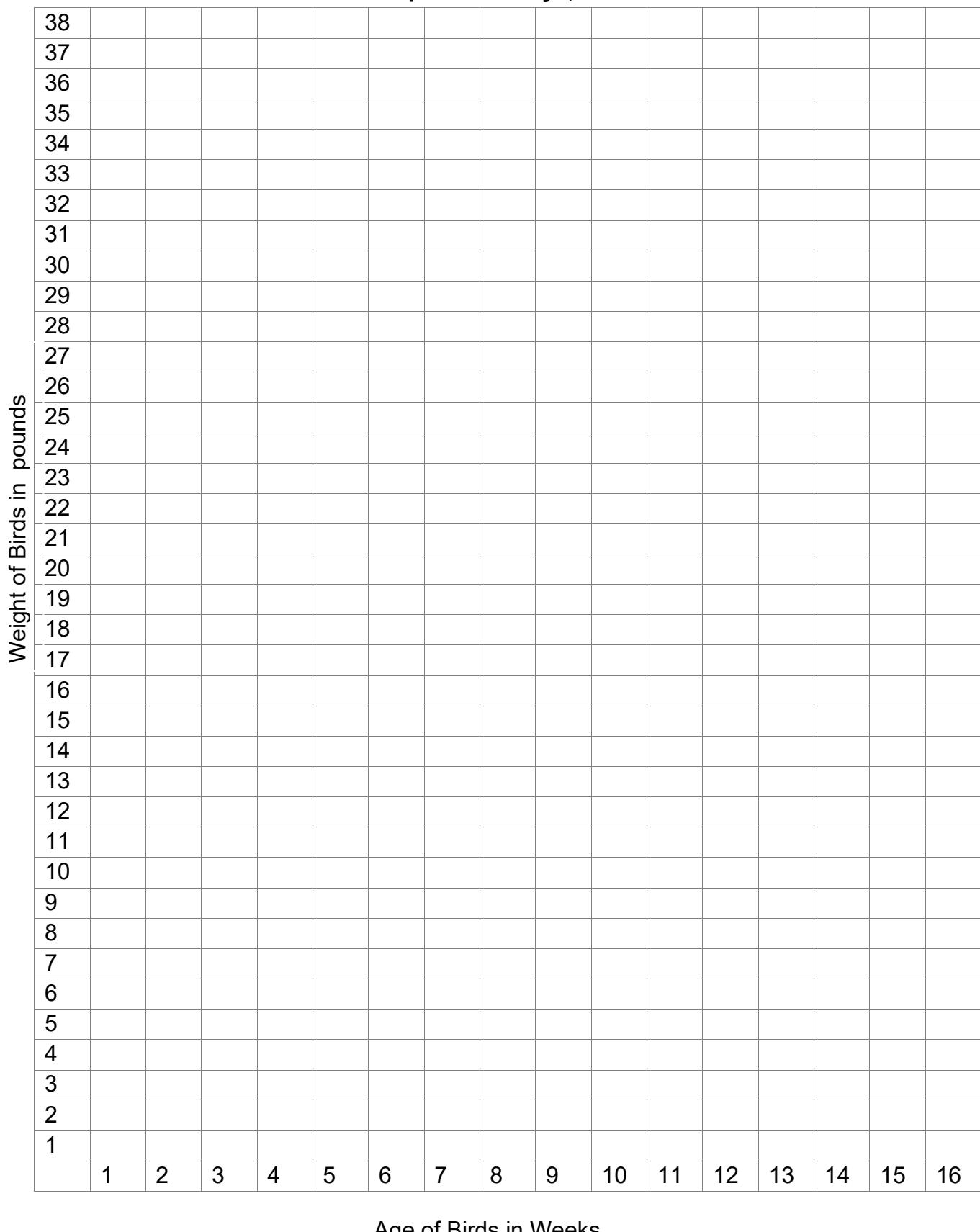
## Bird Information

### Survival Rate & Weight

Date	Week	# Birds	Weight of 1 average Bird	Total Weight Columns 3 x 4	# Died	Cause of Death (if known)
	0 (date of Possession)					
	1					
	2					
	3					
	4					
	5					
	6 Fryer End Week					
	7					
	8 Broiler End Week					
	9					
	10 Roaster End Week					
	11 Duck End Week					
	12					
	13					
	14					
	15					
	16 Turkey End Week					
	17 Goose End Week					

# Bird Information

## Growth Rate Graph for Turkeys, Geese & Ducks



Age of Birds in Weeks

# Bird Information

## Growth Rate Graph for Chickens



## Management Section

What type of brooder guard was used? \_\_\_\_\_  
\_\_\_\_\_

What type of heat source was used? \_\_\_\_\_  
\_\_\_\_\_

How much light was given per day? \_\_\_\_\_ hours

What type of litter material was used? \_\_\_\_\_  
\_\_\_\_\_

How many times was the litter changed? \_\_\_\_\_  
\_\_\_\_\_

Did you change the type of feeders / waterers used as the birds grew? \_\_\_\_\_ yes \_\_\_\_\_ no

If yes, describe changes \_\_\_\_\_  
\_\_\_\_\_

Did you add anything to the water? \_\_\_\_\_ yes \_\_\_\_\_ no

If yes, what did you add and why? \_\_\_\_\_  
\_\_\_\_\_

Survival Rate = # Birds alive (Final Week) / Total # of Birds Purchased x 100

Survival Rate = \_\_\_\_\_ / \_\_\_\_\_ x 100 = \_\_\_\_\_ %

## Feed Section

What kind of feed did you use? (Commercial, home grown, etc. List all kinds used) \_\_\_\_\_

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Name of the feed company if you used a commercial feed. If you used homegrown / custom feed list all of the ingredients. \_\_\_\_\_

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Feeds Chart

Week	Pounds of Feed Purchased	Total Cost of Feed Purchased	Protein Level (%)	Phosphorus Level (%)	Type of Feed (crumble, pellet, mash)
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
<b>Totals</b>					

# Financial Records

Date Birds Arrived: \_\_\_\_\_

Number of Birds Purchased: \_\_\_\_\_

Cost of Each Bird: \_\_\_\_\_ Total Cost: \_\_\_\_\_

## Health Expense Record (Mark N/A if not used)

Date	Kind of Expense (medication, water additive (electrolytes))	Cost
<b>Total Cost for Health Expenses</b>		

## Miscellaneous Expenses (Mark N/A if not used) (include all expenses not reported elsewhere: litter, light bulbs, etc.)

Date	Description	Amount
<b>Total Cost for Miscellaneous Expenses</b>		

**Grand Total:** \_\_\_\_\_

## Market Project Calculations

Calculate the following...

### Average Daily Gain (ADG):

Survival Rate Chart: (Final Week, column 4) – (Week 0, column 4) / Number of days birds were raised.  
Show your work. Circle final answer (include units of measure).

### Feed Efficiency:

Total lbs feed used / Total weight gain (Survival Rate Chart: Final Week, Col. 5 – Week 0, Col. 5)  
Show your work. Circle final answer (include units of measure).

## Financial Summary

Feed Costs(Total)\* ..... \$ \_\_\_\_\_

Cost of Birds ..... \$ \_\_\_\_\_

Health Expenses ..... \$ \_\_\_\_\_

Miscellaneous Expenses ..... \$ \_\_\_\_\_

*\* Remember to subtract the value of any unused feed*

**Production Cost =** feed costs + cost of birds + health expenses + misc. expenses

Your Production Cost = \$ \_\_\_\_\_

**Cost per Pound = Production Cost/Total Weight of Grown Birds\*\***

Your Cost per Pound = \$ \_\_\_\_\_

*\*\* Take the weight of one average sized bird and multiply it by the number of birds left at the end of your project.*

### Grocery Store Market Prices

Name of Store	Type of Poultry & Cut (Turkey/Fryer & whole, breast, etc.)	Price of Poultry (per pound)	Brand Name

How does your cost per pound compare with the Market in the grocery store? \_\_\_\_\_

## Quality Assurance Statement

I certify that my animal projects are drug free by Federal Food and Drug Administration standards. I have followed all withdrawal periods for animal health products and substances used; practiced good animal husbandry (fed and watered regularly, provided shelter); and my project has been ethically and humanely cared for (given roughage, no unethical surgical alterations, no drenching, no rubbing of methanol and hitting with a card). If my leader, the superintendents or judges feel that I have not followed these rules, I acknowledge and accept that my animal may be subject to drug and residue testing or further investigation. Upon a positive confirmation or proof, I understand that the penalties will consist of the following: responsibility for the cost of the testing; forfeiture of all prize money, trophies, and sale and/or market value premiums; prompt removal from the fairgrounds; and loss of privileges to show at the Jackson County Fair.

My parents or guardians assume equal responsibility for following these and other prescribed guidelines set by the fair for these projects.

Member Signature \_\_\_\_\_

Print Name \_\_\_\_\_

Parent Signature \_\_\_\_\_

Print Name \_\_\_\_\_

Date \_\_\_\_\_

### Supported by:

MSU Extension – Jackson County and the Jackson County 4-H Livestock Association  
MSU Extension – Jackson County programs and materials are open to all without regard to race, color, national origin, gender, religion, age, disability, political beliefs, sexual orientation, marital or family status.

**MSU Extension – Jackson County 1715 Lansing Ave, Suite 257, Jackson, MI 49202**  
**Phone: (517) 788-4292 Fax: (517) 788-4640 E-mail: [msue.jackson@county.msu.edu](mailto:msue.jackson@county.msu.edu)**

# 4-H Market Poultry Project Growth Analysis Score Sheet

Name: \_\_\_\_\_

4-H Club: \_\_\_\_\_

Page		Possible Points	Your Points
1-2	COVER SHEET & WHY KEEP RECORDS	5	
3-5	BIRD INFORMATION	15	
6	MANAGEMENT SECTION	15	
7	FEED SECTION	10	
8	FINANCIAL RECORDS	10	
9	PROJECT CALCULATIONS	20	
10	FINANCIAL SUMMARY	20	
11	QUALITY ASSURANCE STATEMENT	5	
	TOTAL POINTS: A: 80-100; B: 60-79; C: 10-59	100	