**Michigan FFA Broiler Contest Worksheet**

**Please Indicate Junior or Senior High School Division**

Junior High Division \_\_\_\_\_\_\_ Senior High Division \_\_\_\_\_\_\_

Entry Name: *Max 65 characters*

Chapter:

Chapter Number: MI

Chick Source:

Starting Number of Birds:

Number of birds alive at weigh in (Include crippled and deformed birds):

**Must show all work for full credit on all problems. Handwritten form, or forms that had the font changed, will have their score reduced by 50%.**

1. Total pounds of feed consumed (including home grown grains and feed additives)

(To arrive at this answer add total amount of feed and additives fed to the flock and subtract any feed and additives remaining i.e. spoiled feed in feeders, removed feed from feeders, feed left in bags, etc)

Total Pounds of Feed Consumed:**Erase these words and put your total here**

2. Total live weight (pounds) of all birds on weigh date (You must weigh all birds.)

Total Live Weight in Pounds:**Erase these words and put your total here**

***When this page is complete this line should be the last line on Page 1.***

3. Feed Conversion Ratio:

 Pounds of Feed Consumed = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ = \_\_\_\_\_

 Total Live Weight (Pounds)

4. Adjusted Feed Conversion Ratio:

 Pounds of Feed Consumed = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ = \_\_\_\_\_

 Total Live Weight (Pounds) + Weight of Mortalities

5. Percent Mortality:

100 x Number of birds that died = 100 x = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ x 100 = \_\_\_\_\_

 Number of birds started

6. Average Weight

Total Live Weight (Pounds) = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ = \_\_\_\_\_

Number of birds on weigh date

7. Costs associated with raising the entire flock of chickens:

|  |  |
| --- | --- |
| Cost of chicks:  | $ |
| Total cost of feed consumed: (Include all home grown grain and supplements - added to feed or water) | $ |
| Energy Costs (gas, electricity, etc):  | $ |
| Medication costs:  | $ |
| Litter costs:  | $ |
| Building and equipment costs ($0.25) per bird:  | $ |
| Projected processing costs:  | $ |
| Other costs:  | $ |
| **TOTAL COSTS** | $ |

8. Cost of production per pound of chicken

 Total cost of production (from line 7) = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ = \_\_\_\_\_

 Total live weight (from line 3)

9. Average cost of production per bird

 Total cost of production (from line 7) = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ = \_\_\_\_\_

 Number of birds on weight date (from page 1)

**Total Scoring: 1-9 are each worth 5 points for a total possible of 45. END OF PAGE 2.**

**Feed Program (5 points each)**

1. Where did the feed come from? (Elevator, feed store, home grown, etc.)

*Max 400 characters*

Erase these words and start typing your answer here.

2. What brand of feed was used? (Please remember to attach a copy feed label.)

*Max 200 characters*

Erase these words and start typing your answer here.

3. What is the percent of protein, fat and fiber of all feeds used?

*Max 400 characters*

Erase these words and start typing your answer here.

4. Briefly describe any supplements, vitamins, minerals or any water supplements used and why any changes might have been made to your feed program.

*Max 500 characters*

Erase these words and start typing your answer here.

***When application is complete this line should be the last line on Page 3.***

**Ventilation, Temperature, and Litter Condition (5 points each)**

 1. Describe the type of ventilation system that was used?

 *Max 400 characters*

Erase these words and start typing your answer here.

2. What was the beginning temperature in the pen and was it adjusted as the birds grew? If so, how?

*Max 400 characters*

Erase these words and start typing your answer here.

3. What type of litter was used and how was the litter managed?

*Max 400 characters*

Erase these words and start typing your answer here.

***When application is complete this line should be the last line on Page 4.***

**Disease-Mortality Reasons (5 points) (If no birds died you must indicate *none*.)**

Mortality Chart

List each bird on a separate line and complete each column.

Date Cause Weight

**What was the vaccination plan for the birds? (5 points)**

*Max 100 characters*

Erase these words and start typing your answer here.

**House & Equipment Description (5 points each)**

1. Describe the house (coop) and how was the equipment set-up in it? Please remember to attach a diagram with the beginning and ending coop set-up along with dimensions.

*Max 800 characters*

Erase these words and start typing your answer here.

***When application is complete this line should be the last line on Page 5.***

2. What heat source did you have?

*Max 200 characters*

Erase these words and start typing your answer here.

3. What size and type of feeders were used? How many were used?

*Max 400 characters*

Erase these words and start typing your answer here.

4. What size and type of waterers were used, how many were used.

*Max 400 characters*

Erase these words and start typing your answer here.

***When application is complete this line should be the last line on Page 6.***

**General Management Description (10 points each)**

1. What steps were taken to clean and prepare the house and equipment prior to the chicks arrival?

*Max 500 characters*

Erase these words and start typing your answer here.

2. Were the feeders and waterers adjusted as the birds grew? If so, how were they adjusted?

*Max 400 characters*

Erase these words and start typing your answer here.

3. How were sick birds identified and managed?

*Max 600 characters*

Erase these words and start typing your answer here.

***When application is complete this line should be the last line on Page 7.***

**Marketing Plan (5 points each)**

1. When will the remaining birds in this entry be processed?

*Max 50 characters*

Erase these words and start typing your answer here.

2. Where will these birds be processed and how much will it cost per bird?

*Max 50 characters*

Erase these words and start typing your answer here.

3. How much will the birds be sold for? (Per bird or per pound)

 *Max 50 characters*

Erase these words and start typing your answer here.

4. Who will the birds be marketed to and how will their availability be promoted?

*Max 300 characters*

Erase these words and start typing your answer here.

***When application is complete this line should be the last line on Page 8.***