

Entry Name:

Michigan FFA Broiler Contest Report

Indicate Junior or Senior High School Division: Junior High Division Senior High Division

Chapter Name:

Chapter Number: MI

Entry Name (Max 65 Characters):

Chick Source:

Starting Number of Birds:

Number of birds alive at weigh day (include crippled and deformed birds):

Report instructions:

Your report must be **typed and be completed in this form** (exception: diagrams and graphs may be hand-drawn).

Your report must consist of your own **original work**.

Handwritten reports or reports found to be plagiarized from other reports will receive a 50% deduction on the entire report.

[Ross 708 Performance Guidelines](#) will be utilized to determine industry standards.

Be sure to save your work in the report form, it will not save automatically.

Do **not** put reports in a folder, binder, or cover. Use a **staple** to secure all report pages together. Only submit **one copy** of your report at the contest.

Reports will be evaluated using the **Broiler Contest Report Rubric** on michiganffa.org.

Calculation Questions 1-9 (5 points each)

Be sure to show all work for calculations. All results should be rounded to two decimal places.

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:

2. Total live weight (pounds) of all birds on weigh day (you must weigh all birds).

If there is no work to show for this calculation, provide the total and be sure to describe how it was obtained. For example: "All chickens were weighed at one time on a single livestock scale."

Total Live Weight in Pounds:

Entry Name:

Be sure to show all work for calculations. All results should be rounded to two decimal places.

3. Feed Conversion Ratio:

$$\frac{\text{Pounds of Feed Consumed}}{\text{Total Live Weight (Pounds)}} = \frac{\quad}{\quad} =$$

4. Adjusted Feed Conversion Ratio:

$$\frac{\text{Pounds of Feed Consumed}}{(\text{Total Live Weight in Pounds} + \text{Weight of Mortalities})} = \frac{\quad}{\quad} =$$

5. Percent Mortality:

$$\left(\frac{\text{Number of birds that died}}{\text{Number of birds started}} \right) \times 100 = \left(\frac{\quad}{\quad} \right) \times 100 =$$

6. Average Weight:

$$\frac{\text{Total Live Weight (Pounds)}}{\text{Number of birds on weigh day}} = \frac{\quad}{\quad} =$$

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

Cost of chickens	\$
Total cost of food consumed (Include all homegrown grains and supplements - added to feed and 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:

$$\frac{\text{Total cost of production (from item 7)}}{\text{Total live weight (from item 2)}} = \frac{\quad}{\quad} =$$

9. Average cost of production per bird:

$$\frac{\text{Total cost of production (from item 7)}}{\text{Number of birds on weigh day (from page 1)}} = \frac{\quad}{\quad} =$$

Calculations Scoring: 1-9 are each worth 5 points for a total possible score of 45.

Total Score ____/45

Entry Name:

Feed Program Questions 1-4 (5 points each)

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

Max 400 characters

2. What brand of feed was used and why?

Max 200 characters

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

Max 400 characters

4. Briefly describe any supplements, vitamins, minerals, or any water supplements used and why any changes were or were not made to your feed program.

Max 500 characters

Feed Program Scoring: 1-4 are each worth 5 points for a total possible score of 20.

Total Score _____/20

Entry Name:

Feed Tag(s) (5 points)

*Attach the feed tag(s) to this page **or** replace this page with a copy/scan/picture of the feed tag(s).*

Feed Tag(s) Scoring: Worth 5 points total.

Score recorded directly on scoresheet.

Entry Name:

Ventilation, Temperature, and Litter Condition Questions 1-3 (5 points each)

1. Describe the type of ventilation system that was used and why.

Max 400 characters

2. What was the beginning temperature in the pen and was it adjusted as the birds grew? Describe why adjustments were or were not made.

Max 400 characters

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

Max 400 characters

Ventilation/Temperature/Litter Scoring: 1-3 are each worth 5 points for a total possible score of 15.

Total Score ____/15

Entry Name:

Housing & Equipment Questions 1-4 (5 points each)

1. Describe the housing (coop) and how the equipment was set up in it. Why was this set up selected?

Max 800 characters

2. What heat source did you have?

Max 200 characters

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

Max 400 characters

4. What size and type of waterers were used? How many were used?

Max 400 characters

Housing & Equipment Scoring: 1-4 are each worth 5 points for a total possible score of 20.

Total Score _____/20

Entry Name:

Two Coop Diagrams (5 points each)

Attach two coop diagrams to this page or replace this page with two coop diagrams.

Diagrams must include:

- 1) Beginning coop set up
- 2) Ending coop set up

**Be sure to include two diagrams, even if the set up remained the same.*

Diagrams must be clearly labeled and include dimensions.

Diagrams may be hand-drawn or computer generated.

Two Coop Diagrams Scoring: Each diagram is worth 5 points for a total possible score of 10.

Score recorded directly on scoresheet.

Entry Name:

General Management Questions 1-3 (10 points each)

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

Max 500 characters

2. Were the feeders and waterers adjusted as the birds grew? If so, describe how they were adjusted. Describe why adjustments were or were not made.

Max 600 characters

3. How were sick birds identified and managed? Why is this important to flock health?

Max 600 characters

General Management Scoring: 1-3 are each worth 10 points for a total possible score of 30.

Total Score _____/30

Entry Name:

Marketing Plan 1-4 (5 points each)

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

Max 50 characters

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

Max 50 characters

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

Max 50 characters

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

Max 300 characters

Marketing Plan Scoring: 1-4 are each worth 5 points for a total possible score of 20.

Total Score _____/20

Entry Name:

Three Photographs and Captions (5 points each)

Attach three photos and captions to this page or replace this page with three photos and captions.

Quality photographs must be taken of the project throughout the contest period to show various aspects and/or stages of the project.

Each photo must include a detailed and descriptive caption (*max 50 words each*).

Three Photographs Scoring: Each photo and caption is worth 5 points for a total possible score of 15.

Score recorded directly on scoresheet.

Entry Name:

Two Graphs (15 points each)

Attach to this page two graphs or replace this page with two graphs.

Graphs must include:

- 1) A line graph consisting of two lines: 1) showing average weight per week compared to 2) broiler performance guidelines (x-axis = time, y-axis = weight)
- 2) A bar graph showing average (unadjusted) feed conversion per week of flock (x-axis = time, y-axis = feed conversion)

Both graphs must be correctly labeled (including: graph title, axes titles and units of measurement, legends, numerical labels for each data point).

Graphs may be hand-drawn or computer generated.

Two Graphs Scoring: Each graph is worth 15 points for a total possible score of 30.

Score recorded directly on scoresheet.