

Muskegon County Youth Fair

SWINE RECORD BOOK

Version A

Name: _____

4-H Club/FFA Chapter/Open: _____

Leader: _____

Age (as of January 1): _____

Years in Project Area: _____

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

Check One

Junior:
8-11 years old

Intermediate:
12-14 years old

Senior:
15-19 years old

Record Book Instructions:

DON'T CHANGE THE PAPER:

Completed record books must be on standard letter sized (8.5"x11") white paper. Neatness is encouraged. Books must be fastened with a staple in the upper right hand corner or secured inside a 3-ring binder or folder.

DON'T BE LATE... KNOW THE DUE DATE:

The date and time to turn in a completed record book will be listed on the Schedule of Events for Exhibitors printed in the front of the annual Fair Book.

USE THE RIGHT RESOURCES:

Good resources to help complete this record book is the publication "Your 4-H Market Swine Project" (4-H 1064) which is available by loan at the Muskegon County MSU Extension (4-H) Office and the "Swine Resource Handbook" (OSU Extension 4H134R) is available for checkout at the MSU Extension Office or online. Some answers will be found at muskegonfairgrounds.com and inside the fair book general and species rules.

All about my swine project...

Name (or identification) of my animal: _____

Tag Number: _____ Breed: _____

Color(s): _____ Date of Birth: _____ Actual Birthdate
 Estimated Birthdate

Special Markings: _____

Please Check One: Purchased Raised Date of purchase: _____

Please Check One: Gilt Barrow

Purchase Price: _____ If you raised your animal, list the estimated market value.

Below, attach a beginning and ending picture. Please label the photos.

All about my swine project...

You may choose to do the weight record OR the essay. You may not do both the weight record and the essay for this record book. The fair recommends all market exhibitors weigh their animals frequently but understands that access to a scale is not always available.

CHOICE 1 - WEIGHT RECORD: *Do not complete the essay “Choice 2” below if you complete this section.*

It is recommended to weigh your market swine animal(s) at least **once each month**. Use one chart for up to THREE animals. These should be the same market swine animals registered on the market swine registration form. If you are doing a breeding program this can be breeding swine being raised also.

ANIMAL ID:				
DATE	METHOD <i>Scale, Band, Tape, etc.</i>	WEIGHT	WEIGHT	WEIGHT
<i>Beginning</i>				
<i>Ending</i>				

CHOICE 2 - PROJECT ESSAY: *Do not complete the weight record “Choice 1” above if you complete this section.*

Write and attach to your completed book an essay from one of the two essay topic choices.

Topic 1: Explain what African Swine Fever is, and why it is a concern to the US Pork Industry.

Topic 2: With animal rights groups, such as PETA, looking to showcase animal abuse, what steps can you take to ensure your animal is raised comfortably.

Junior exhibitors complete a one paragraph essay.
 Intermediate Exhibitors complete a one-half page essay.
 Senior Exhibitors complete a 1 page essay.

Essays should be type written, single spaced, in a standard size 12 font for intermediate and seniors; but may be handwritten for juniors.

My business plan:

Senior exhibitors must answer the following questions:

The following calculations will help you learn about your ability to earn a profit for your participation in this agricultural project. Often in animal projects the profit margin for industrial feeder facilities have a slim profit margin. Let's see how you compare.

Average cost per animal (from page 2) _____

Purchase cost (of primary project animal) _____

TOTAL EXPENSES (WHOLE PROJECT) _____

Number of Project Animals in this report: _____

AVERAGE COST PER ANIMAL: _____

Finished Weight of Project Animal: _____

Note: finished weight can be taken at home anytime during the week prior to fair or it can be the fair's official market weight.

BREAK EVEN PRICE: _____

To calculate break-even price divide the average cost per animal by finished weight.

What is the current market price of market hogs? _____

Many market prices are reported PER 100 LBS. Divide that amount by 100 to find the price per pound.

Would you have been able to make a profit if you would have sold your market hog at a stock yard (Ravenna Livestock Auction for example) at this current market price rather than the fair's livestock sale? Why or why not?

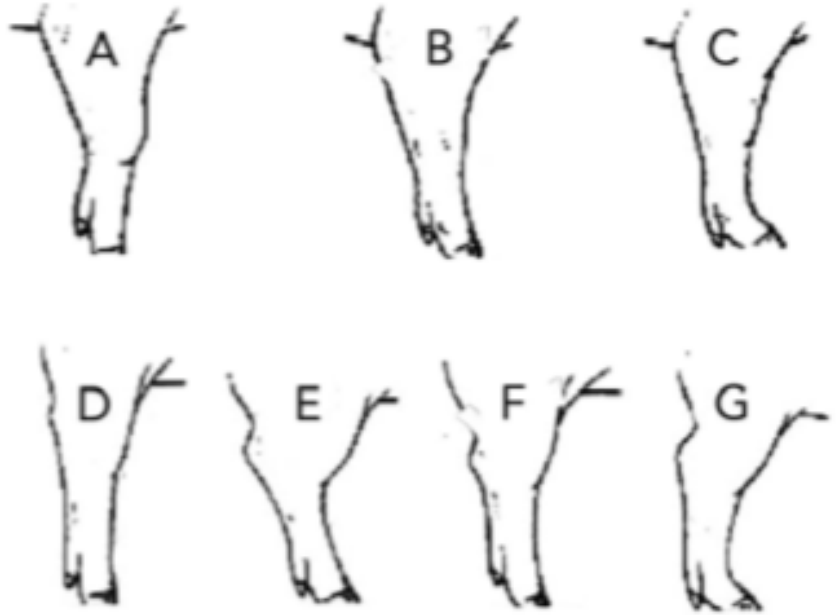
My General Pig Knowledge:

All exhibitors:

Structural Differences:

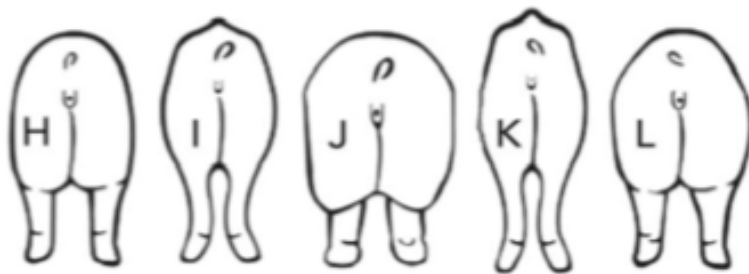
Identify the structural differences from this chart using the following listed differences. Note... some differences will be listed in two places and some pictures will have two different structural differences as answers (list both). Differences to place on the chart: **Correct, Knock-Kneed, Post-Legged, Sickle-Hocked, Weak Pasterns**

Label	Structural flaw or correct?
A	
B	
C	
D	
E	
F	
G	



Condition Scores:

The five hogs below each have a different swine condition score. Place the Score, the Condition Name and the Body Shape in the table below.



Label	Score	Condition	Body Shape
H			
I			
J			
K			
L			

My General Swine Knowledge:

Ages 8 to 19 complete the following questions:

Market swine at the Muskegon County Youth Fair must be between _____ lbs. and _____ lbs.

The ideal market weight for pigs is _____.

Hogs can usually gain _____ to _____ pounds per day.

What time must all fair animals be fed and watered and have their pens cleaned by? _____.

A pig needs to drink _____ pounds of water for every 1 pound of food it eats.

Ages 12 to 19 complete the following questions:

List some things that can affect a hogs daily rate of gain _____

List vaccines that should be given to young pigs _____

When you got your hogs, did you ask the breeder what vaccines had been given to your pig? _____

List things that are done to baby pigs as good management practices _____

Explain why we clip needle teeth on baby pigs _____

What are measures we can take to prevent our visitors from becoming ill while visiting the fair?

Ages 15 to 19 complete the following questions:

Define a parasite: _____

List problems parasites can cause: _____

List 3 examples of internal parasites: _____

What can be used to control/treat internal parasites? _____

List 3 examples of external parasites: _____

What can be used to control/treat internal parasites? _____

Where is the proper location for vaccinations on a pig?

If you could change one thing about the fair, what would it be? _____

Listed below are initials of diseases. Give the correct name, list if it is a virus or a bacteria, and provide symptoms of the disease.

SCOURS: SYMPTOMS: _____

PREVENTION/TREATMENT _____

VIRUS OR BACTERIA: _____

ANEMIA: SYMPTOMS: _____

PREVENTION/TREATMENT _____

VIRUS OR BACTERIA: _____

RHINITIS: SYMPTOMS: _____

PREVENTION/TREATMENT _____

VIRUS OR BACTERIA: _____

PNEUMONIA: SYMPTOMS: _____

PREVENTION/TREATMENT _____

VIRUS OR BACTERIA: _____