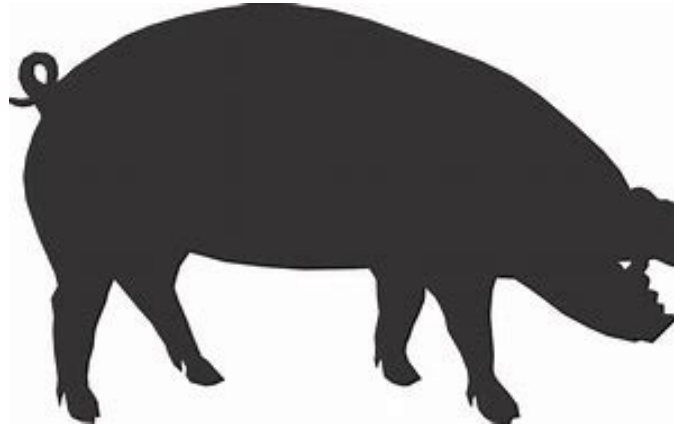




Antrim County



Antrim County 4-H Swine Workbook



Name: _____ Age as of Jan 1st: _____

4-H Group: _____ Years in Project: _____

Project Leader: _____

I hereby certify that as the exhibitor of this project, I have personally been responsible for the care of this animal, record keeping, and have completed this project book.

Youth Signature: _____ Date: _____

I, the parent/guardian, certify that my son/daughter has completed this project and completed this record book and will comply with all rules and regulations. I give permission for this book to be on display to the public and will ensure all content is appropriate.

Parent/Guardian Signature: _____ Date: _____

Does Youth have IEP? Yes _____ No _____

**** Records start with possession of your animal and end with Fair Week Estimates.****

Check with your local 4-H Staff to determine when/where your project book needs to be submitted.

Name of Animal: _____

Breed: _____ Color: _____

Identification of Animal (ear tag # / fair ear tag # / club ear tag #): _____

Estimated Date of Birth: _____

How did you acquire your animal? (check one)

I purchased my animal, purchased from _____

My project was bred and owned (from an animal on my family farm)

Other (please explain):

I took possession of my animal on: _____

Purchase Price of Animal: \$ _____

Starting weight: _____ Final weight: _____ = _____ Total Pounds of
Gain (Purchase Date) (Final Weight minus Starting Weight)

Date of final weigh-in (Tuesday of Fair): _____

Sponsor: _____

Dollar amount received from Sponsor: \$ _____ Attach a Copy of Youth Live-
stock Contract

Number of days on feed (possession date to fair weigh-in): _____

Average Daily Gain (total pounds of gain divided by number of days on feed): _____

Total Feed Costs: ÷ Total Pounds of Gain: = _____ (Feed Cost per lb. of Gain)

Total Pounds of Feed Fed: ÷ Total Pounds of Gain: = _____ (Lbs. of Feed Fed per lb. of
Gain)

Other Costs for Project: (hoof trimming, grooming supplies, vet bills, etc.) \$ _____

Total Cost of Project (purchase price of animal + feed cost + other costs): \$ _____

You can insert your actual fair book page in place of this page.

This Year's project goals: (explain the goals that you have for yourself and your project animal):

What were two things you learned from completing this project this year:

- 1.

- 2.

Please list three potential buyers you plan to approach this year:

- 1.

- 2.

- 3.

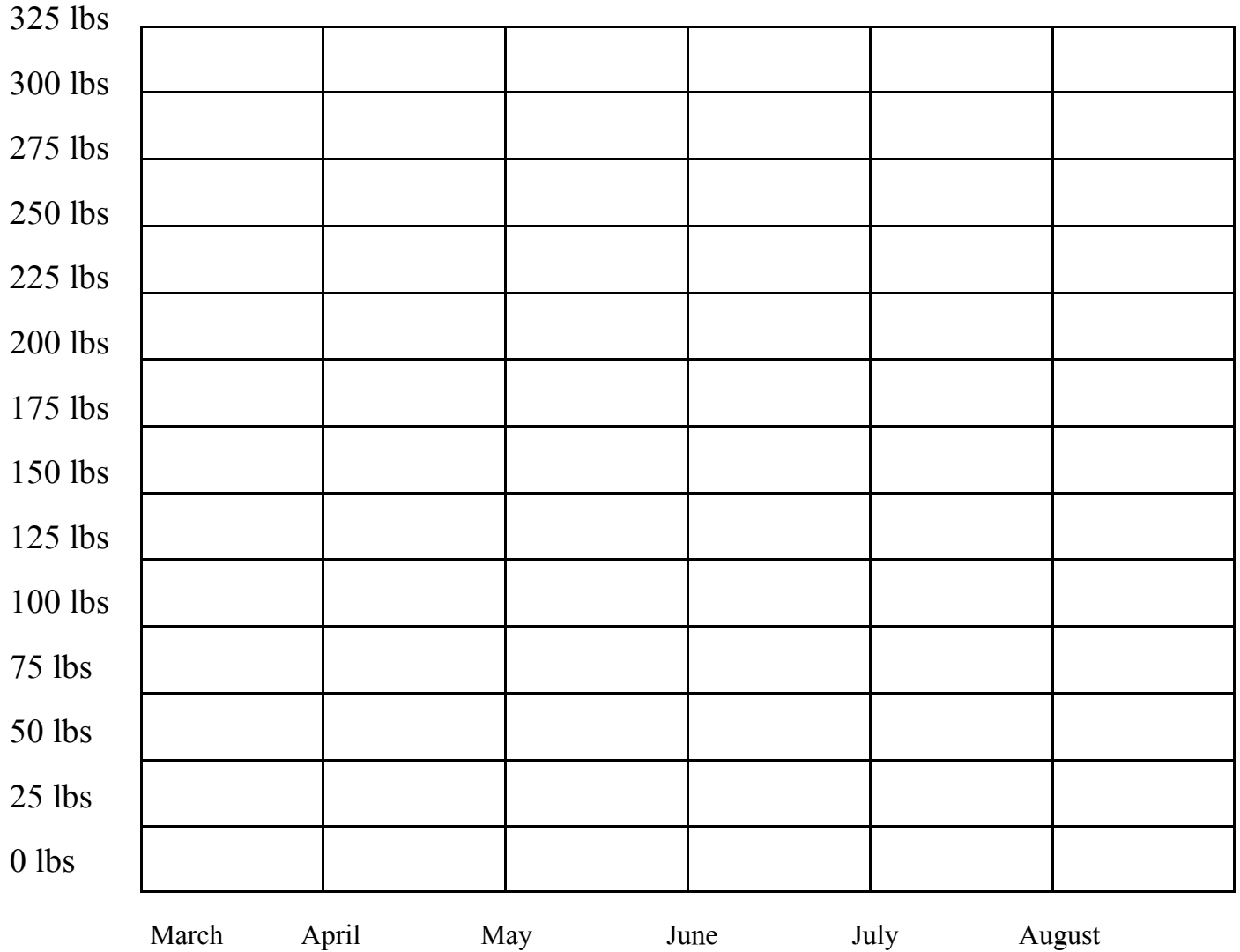
Beginning Project Photo:

You can insert your actual fair book page in place of this page.

Growth Chart

*Mark the starting weight and final weight with **red** dots on the chart. Connect the two dots with a straight **red** line.

*Record your animal's weight every month (actual or estimated) and connect these points with a blue or black line.



Hog Weight Records

Date of Starting Weight	Starting Weight	Date of Finish Weight	Finished Weight	Pounds of Gain	Days on Feed	Average Daily Gain

Average Daily Gain = Total pounds of gain ÷ days on feed

Ending Market Hog Picture:

Monthly Feed Record Worksheet (Add additional pages if needed)

Feed Types* ⇒	lbs.		cost		lbs.		cost		Monthly lbs.	Total Cost
SEPT										\$
OCT										\$
NOV										\$
DEC										\$
JAN										\$
FEB										\$
MARCH										\$
APRIL										\$
MAY										\$
JUNE										\$
JULY										\$
AUG										\$
TOTALS										\$
NOTE: RECORD FEED AS IT IS FED TO YOUR ANIMAL										
*Type of feed should be expressed in pounds and include grains, supplements, mixes, hay, silage, etc. reflected on this chart. - The estimated value of homegrown feed needs to be included.										
TOTAL FEED COST										

Expenses Other Than Feed

	Vet Cost	Bedding	Medications/ De-wormer	Tack/Show Supplies	Buyer Recog- nition	Other
January						
February						
March						
April						
May						
June						
July						
August						
Total						

Other Expenses: _____

Total Expenses other than Feed: _____

Income For Project

Auction Date	Hog final Weight	Price Per Pound (Auction Price)	Total Value (Hog weight x Price per Pound)

Project Knowledge:

1. What is the normal body temperature for swine? _____
2. How long is a sow's gestation period? _____
3. What is separating sick or newly acquired animals away from your herd to ensure the health of the herd? _____
4. What does FDA stand for? _____
5. What is the FDA responsible for? _____
6. How are drug residues usually detected in animals _____
7. T/F. Breeding sows are terminal sows. _____

Match the following definitions to the correct Answer:

- | | |
|----------------------------------|---|
| 1. Barrow _____ | a.) Salt, calcium, phosphorus, magnesium, potassium |
| 2. Marbling _____ | b.) Most important nutrient to humans and animals |
| 3. Piglet _____ | c.) Female pig that has not had any litters |
| 4. Dam _____ | d.) A castrated male pig |
| 5. Water _____ | e.) Copper, iodine, iron, manganese, selenium, zinc |
| 6. Belly _____ | f.) Education program designed to help pig farmers and Their employees continually improve production practices |
| 7. Macro Minerals _____ | g.) Mother of an animal |
| 8. Trace Minerals _____ | h.) Baby pig |
| 9. Gilt _____ | i.) Portion of pork carcass where bacon comes from |
| 10. Pork Quality Assurance _____ | j.) The flecks of white fat that are present within a muscle |

Additional Project Book

REQUIREMENTS

Cadets (5-7): same as 4-H Cloverbuds (non-competitive)

Juniors (8-11): Pick one item from list below and complete.

Intermediates (12-14): Pick one item from the list below and complete.

Seniors (15-19): Pick two items from the list below and complete.

*Create a pedigree or lineage chart for your project animal.

*Create a chore chart of daily, weekly, and monthly chores necessary to properly care for your animal.

*Create a crossword puzzle with terms/definitions that related to your swine project.

*Create a picture and label the parts of your or a hog. (Not something already completed online).

*Make a retail meat cut diagram and include where the cuts come from on the hog. What is the most expensive cut right now on the market?

*Go to the store and write down the current retail cost per pound on at least 10 different pork products. Type up your findings in an organized manner. (Different steaks, brats, ham, soup bones, etc.)

* Research and provide a summary of by products that could come from your swine project.

* Research and write an essay on a common disease the pork industry is facing today including prevention, treatment, symptoms, diagnosis, best practices, etc.

*Write an essay about at least 5 different breeds or cross breeds leading the pork industry in the US today. Include heritage, physical characteristics, nick names, merits, etc.

* Tell us about your ideal market hog. Be descriptive and include what physical traits your ideal market hog has that your current hog does not.

*Another project of your own creation that illustrates your knowledge of your project. Check with your 4-H leader or 4-H Coordinator if you need assistance.



4-H Swine Project Book Score Sheet

Page	Name: Novice [] Junior [] Intermediate [] Senior []	Possible Points	Your Points
1	Cover Page-complete with signatures	5	
2	Fair Book Page (Name/Breed)	10	
3	Project Goals	10	
4	Growth Chart	10	
5	Weight Records	10	
6	Feed Chart	15	
7	Expenses Sheet	10	
8	Project Knowledge	10	
9	Additional Requirements	20	
	Extra Credit -Extra project from page 9 or another worthy project included with Project Book. If project cannot be in project book, please indicate where judges can find project. Points awarded at judge's discretion.	20	
	Total Points:	120	

A: 86-100 B: 71-85 C: 55-70

Books should be neat, and the work of the youth participant. Comments from Judge: _____
