HENDRY COUNTY 4-H

SWINE RECORD BOOK

NAME _____

AGE AS OF SEPTEMBER 1 (Current 4-H Year) _____

CHECK ONE: JUNIOR ☐   INTERMEDIATE ☐   SENIOR ☐

CLUB _____

4-H LEADER _____

4-H AGENT _____

I hereby certify that as the exhibitor of this project, I personally kept the records on this project and have personally completed this record book. I understand that my up-to-date record book must be submitted to the livestock committee prior to unloading my animal. If my record book is not up-to-date, I will not be eligible to show.

4-H Member's Signature _____

Revised: September 2020

HENDRY COUNTY 4-H RECORD BOOK
TIPS TO COMPLETING A RECORD BOOK

1. Book should be complete and up to date before the fair/show. Record book should be placed in a notebook.

2. Neatness counts. Must be hand written by the exhibitor. For exceptions, contact the 4-H office for approval to be typed.

3. Write neatly. Use the same color of ink throughout the record book. Senior 4-H members must use pen and Junior/Intermediate 4-H'ers may use pen or pencil. If you begin with pencil, end with pencil. If you begin with blue ink, end with blue ink.

4. Make sure you have all your signatures.

5. List all project equipment/supplies. The judge grading the record books will be knowledgeable about the equipment needed for the project.

6. Be sure to write the totals in the boxes provided at the bottom of the columns. Example, page 6, purchase price is

PURCHASE PRICE ($)
100.00
100.00

A

7. Be sure that there is something written in each box. If you are not able to complete the column, write 0 to show that you looked at the box, and it did not apply to you.

8. Be sure to answer all the questions listed on the project story page using paragraphs. Use complete sentences, grammar and spelling. If you are unsure of how to answer the questions, ask your club leader, parents, 4-H Program Assistant, 4-H Agent, etc. In many cases, the judge will break the tie using the story.

9. Be sure to include a minimum of five (5) pictures of your project from start to finish. Include pictures from when you purchased your animal, working with your animal, cleaning your animal pen/cage, attending workshops/clinics, showing your animal etc. Pictures should include a caption beside each one telling something about the picture. Do not take pictures all in the same day or overlap pictures in the record book.

10. Make very sure your addition is correct. If your addition is not correct, your project summary will not be correct**.**

11. **Do not take any pages out of record book even though the page may not apply to your age division.**

YOUTH MARKET ANIMAL PROJECT AGREEMENT
(Complete at Beginning of Project)

I, _____ agree to be responsible for caring for my project animal. This will include feeding, providing fresh clean water, providing health care, providing adequate housing, grooming, and showing. I understand that this project is to be an educational tool to learn life skills, as well as skills needed in the livestock industry. I understand that success in this project is not only determined at the show, but also on how well I maintain my record keeping. I also understand as owner of this animal project, it is my responsibility to keep accurate and timely records.

_____
MEMBER'S SIGNATURE

I, _____also acknowledge that I have been advised that the presence of any drug, antibiotic or biological residue in my market animal at slaughter will result in the condemnation of the carcass and forfeiture of all sale proceeds and premiums. I hereby certify that any drug, antibiotic, or biological residue which may have been administered by myself, or any other person, was done so in strict compliance with the manufacturers label requirements or as prescribed by a veterinarian.
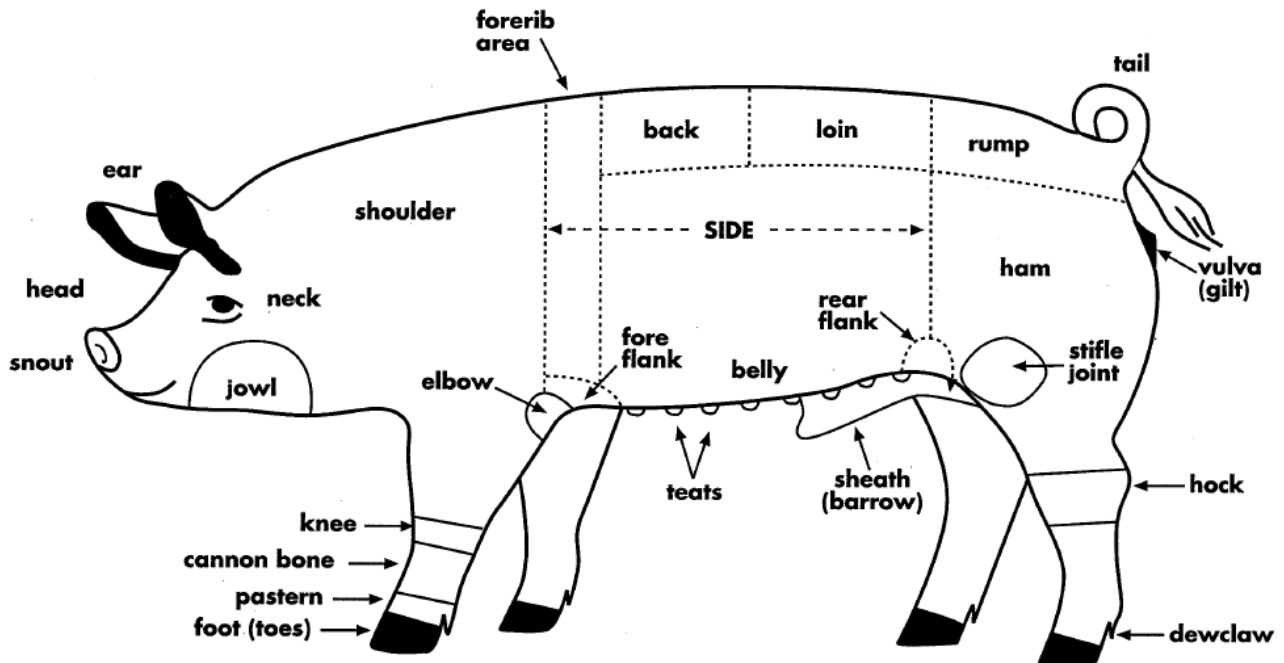
_____
MEMBER'S SIGNATURE

We the parent(s) or guardians of the above named youth agree to be responsible for providing financial help, if needed, along with assistance and encouragement while the student is participating in this project.

_____
PARENT OR GUARDIAN

The 4-H Leader or 4-H Agent agrees to visit the 4-H member and the project animal to give assistance when needed or requested by the exhibitor. I understand and agree to these responsibilities.

_____
4-H LEADER OR 4-H AGENT SIGNATURE

Swine Live Parts

forerib area

tail

back　　loin　　rump

ear

shoulder

SIDE

head

neck

ham

vulva (gilt)

snout

rear flank

jowl

fore flank

belly

stifle joint

elbow

teats

sheath (barrow)

hock

knee

cannon bone

pastern

foot (toes)

dewclaw

Swine Meat Parts
(Clear Plate and Back Fat are fat measurements areas)

Back Fat

Clear Plate

Loin

Boston Butt

Spareribs

Side (Belly)

Ham

Picnic

Jowl

Boston Butt & Picnic = Shoulder
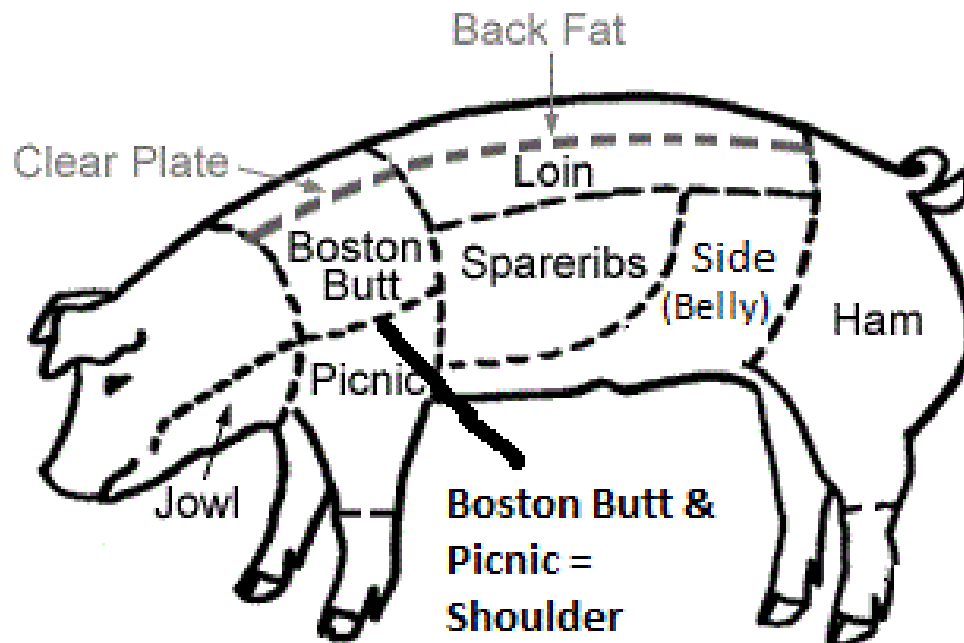
Possible Showmanship Questions:

Junior/Intermediate/Senior Questions
What does your pig's ear notch mean?
Why do we ear notch pigs?
What kind of feed do you feed your pig?
What percent protein is your feed?
How much do you feed your pig each day?
What is the average daily gain of your pig?
How much did it weigh at the initial weigh in?
What breed is your pig?
What does the NSR stand for?
What is your favorite part about showing pigs?
Name one or more of the meat parts (primal cuts) of the pig?
Name one or more of the retail cuts of the pig?
What is the most expensive cut of meat per pound?
What is the most valuable cut of meat in the pork industry?
Name one or more of the live parts of the pig?
How much does your pig weigh?
Are pigs monogastric or ruminants?

Senior Level Questions in addition to the above:
What does LEA mean and why is it important to know in the swine industry?
Picture in your mind the average market hog today, how could the average market
        hog today be made better?
What might you tell another young person considering having a 4-H or FFA
        livestock project?
If you had to convince someone to raise and exhibit an animal at their county fair,
        (who has never showed livestock) what would you tell them?

➢ **The judge may ask additional questions not on this list.**

Were you asked questions not listed above? Yes ⬭   or   No ⬭

If yes, what was the question?

_____

_____

_____

_____

GOALS AND ACHIEVEMENTS FOR THIS PROJECT

Goals should be established at the beginning of your project. They should be challenging, yet attainable. Goals should include all aspects of your project. Check off what you plan to do at the beginning of the project. At the close of the project, the achievements should be compared with your goals.

WHAT I PLAN TO DO (check)	GOAL	DATE ACHIEVED
	Raise my swine to completion and exhibit my swine in the HCF or LYLS.	
	Exhibit my swine at Prospect Shows.	
	Attempt to make a profit on my swine.	
	Have my animal meet industry standards for the ideal market swine.	
	Complete my record book to the best of my ability.	
	Achieve a target weight of _____ at final weigh-in.	
	Be in the top 3 of my class.	
	Learn appropriate management practices.	
	To establish responsible behavior, values, and moral conduct.	
	To learn cooperation with others and to win or lose graciously.	
	To learn new skills.	
	Give a presentation/demonstration at my club meeting.	
	Participate in my club's community service project.	
	Participate in my club's fund-raising event.	

**Insert a Picture
of you and your swine here.**

SWINE INFORMATION

Tag Number?

_____

Breed?

_____

Birth Month/Year?

_____

Date Purchased?

_____

Purchased From?

_____

Animal Cost?

_____

Final Weight (Feb)?

_____

EQUIPMENT INVENTORY

Use this page to record the equipment you had at the beginning of the project and at the close of your project. Depreciate your equipment at the close of your project by 10%. All equipment purchased after project begins should be listed under operating expenses. If you have participated in this project for multiple years, some of your equipment may have a $0 value which means the asset is fully depreciated; however, does not mean the item is worthless. **Use additional pages as needed.**

DESCRIPTION OF ITEM	BEGINNING INVENTORY (VALUE $)	DEPRECIATE VALUE – 10% ($)	CLOSING INVENTORY (VALUE $)
Example: Brush	$4.50	.45	$4.05
TOTAL			

OPERATING EXPENSE RECORD

Use this page to list all expenses incurred during your project. These expenses are from what you have spent money on for this project; such as, veterinary expenses as well as consumable (those that are used up during your project; shampoo) and non-consumable supplies. Mineral and supplements are part of the animals feed expense and ration. Feed may be grouped together by weeks or months. **Use additional pages as needed.**

DATE	DESCRIPTION OF EXPENSE	EQUIPMENT COST ($)	FEED COST ($)	VET SUPPLIES / VET FEES ($)	OTHER COST ($)
TOTAL					

OPERATING EXPENSE RECORD

Use this page to list all expenses incurred during your project. These expenses are from what you have spent money on for this project; such as, veterinary expenses as well as consumable (those that are used up during your project; shampoo) and non-consumable supplies. Mineral and supplements are part of the animals feed expense and ration. Feed may be grouped together by weeks or months. **Use additional pages as needed.**

DATE	DESCRIPTION OF EXPENSE	EQUIPMENT COST ($)	FEED COST ($)	VET SUPPLIES / VET FEES ($)	OTHER COST ($)
	Subtotal from Page 9-1				
	TOTAL				

OPERATING EXPENSE RECORD

Use this page to list all expenses incurred during your project. These expenses are from what you have spent money on for this project; such as, veterinary expenses as well as consumable (those that are used up during your project; shampoo) and non-consumable supplies. Mineral and supplements are part of the animals feed expense and ration. Feed may be grouped together by weeks or months. **Use additional pages as needed.**

DATE	DESCRIPTION OF EXPENSE	EQUIPMENT COST ($)	FEED COST ($)	VET SUPPLIES / VET FEES ($)	OTHER COST ($)
	Subtotal from Page 9-2				
TOTAL					

OPERATING EXPENSE RECORD

Use this page to list all expenses incurred during your project. These expenses are from what you have spent money on for this project; such as, veterinary expenses as well as consumable (those that are used up during your project; shampoo) and non-consumable supplies. Mineral and supplements are part of the animals feed expense and ration. Feed may be grouped together by weeks or months. **Use additional pages as needed.**

DATE	DESCRIPTION OF EXPENSE	EQUIPMENT COST ($)	FEED COST ($)	VET SUPPLIES / VET FEES ($)	OTHER COST ($)
	Subtotal from Page 9-3				
TOTAL					

OPERATING EXPENSE RECORD

Use this page to list all expenses incurred during your project. These expenses are from what you have spent money on for this project; such as, veterinary expenses as well as consumable (those that are used up during your project; shampoo) and non-consumable supplies. Mineral and supplements are part of the animals feed expense and ration. Feed may be grouped together by weeks or months. **Use additional pages as needed.**

DATE	DESCRIPTION OF EXPENSE	EQUIPMENT COST ($)	FEED COST ($)	VET SUPPLIES / VET FEES ($)	OTHER COST ($)
	Subtotal from Page 9-4				
TOTAL					

PROJECT ANIMAL HEALTH RECORD

Use this page to record all health-related activities (deworming, vaccination, health papers, vet call, etc.). Include well animal care, such as health certificate. Withdrawal time can be found by reading the label.

DATE	DESCRIPTION OF ACTIVITY	PRODUCT USED	DOSAGE	WITHDRAWAL TIME (DAYS)
Example	**Dewormed**	**Ivomec**	**1 cc**	**18**

INCOME

Record all income, such as sale of animal and show premiums.

DATE	DESCRIPTION OF INCOME	RIBBON COLOR/PLACING	SHOW PREMIUM	PRICE PER POUND	TOTAL SALE PRICE
		TOTAL	$		$

What is the total market value of your swine at the end of project? $_____
(Market Value per pound X Final Weight). This information may be found at https://www.ams.usda.gov/market-news/swine-reports

Is there a difference in market value than the actual price per pound received on sale night?
Yes ☐   or No ☐

10

INDIVIDUAL PROCESSING / TREATMENT MAP

## (FOR SENIOR 4-H EXHIBITORS ONLY TO COMPLETE)

List the products (vaccination, medication, dewormer, etc) used and chart the location on your swine. Injection-site blemishes are costly. Minimizing injection of material into the muscle must be considered. Injections should be administered in the neck and not in the area of the more valuable, expensive cuts of meat. You must have a processing/treatment map for each date you administered vaccinations, etc to your swine. **Use additional pages as needed.**

Date: _____ Person Performing the Treatment: _____

Tag #: _____ Age: _____ Estimated Weight: _____
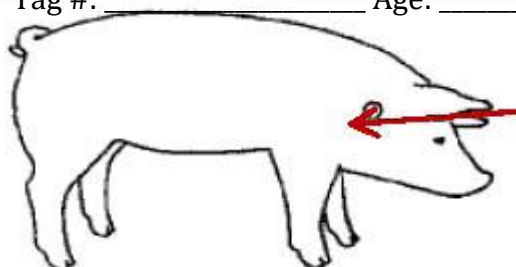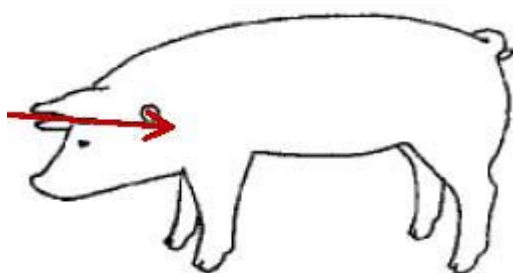
Right Side   Left Side

Site #	Product	Company	Lot or Serial #	Expiration Date	ROA∗	Dose	Withdrawal (Days)
1							
2							
3							
4							
5							
6							

∗ROA - Route of Administration (SQ, IM, IV, IN, topical, oral)

Select SQ products and never **give an injection in the rear leg or top butt.**

Soonest date this animal may be sold and/or marketed: _____

Comments: _____

PROJECT SUMMARY

INCOME

CLOSING (ENDING) EQUIPMENT INVENTORY (PAGE 8)	$
SHOW PREMIUM (PAGE 10)	$
SALE OF ANIMAL (PAGE 10)	$
VALUE OF ANIMAL, IF KEPT NOT SOLD (PAGE 10) Value calculated only if animal did not make weight	$

TOTAL INCOME $

EXPENSES

BEGINNING EQUIPMENT INVENTORY (PAGE 8)	$
ANIMAL COST (PAGE 7)	$
EQUIPMENT EXPENSE (PAGE 9)	$
FEED EXPENSE (PAGE 9)	$
VET SUPPLIES / VET FEE EXPENSE (PAGE 9)	$
OTHER EXPENSE (PAGE 9)	$

TOTAL EXPENSE $

PROFIT OR LOSS

TOTAL INCOME
$

TOTAL EXPENSE
$

TOTAL
$

(CIRCLE ONE)

PROFIT OR LOSS

PROJECT STORY

Answer the questions below in paragraph form:

Tell about your animal and the reasons for choosing this project?

_____

_____

_____

_____

_____

_____

What were your responsibilities in this project?

_____

_____

_____

_____

_____

_____

What safety practices did you use in this project?

_____

_____

_____

_____

_____

_____

How did you do in the show and what can you do differently next year to improve your project?

_____

_____

_____

_____

_____

_____

What did you learn about the swine industry, such as how swine are commercially raised?

_____

_____

_____

_____

_____

_____

What leadership or citizenship skills did you use during your project? (Example: did you hold an office, did you help someone with their project, did you participate in a community service project)?

_____

_____

_____

_____

_____

PICTURES

Show the beginning, middle, and end of your project. Each photo should include a caption. The caption should tell a story. The pictures and the captions should complement your project story. There should be a minimum of five (5) pictures.

PICTURES CON'T

BUYER'S LETTER

Attach a copy or write an example of your prospective buyer's letter sent prior to the fair.

HENDRY COUNTY 4-H SCORING SYSTEM

NAME_____   Age (as of Sept 1) _____

The Processing/Treatment Map and Feed Conversion Rate are required by Senior 4-H members; however Junior/Intermediate 4-H members may complete one or both. Junior/Intermediate 4-H members will receive the point value indicated for both the Processing/Treatment Map and Feed Conversion Rate.

	POINT VALUE	SCORE	NOTES
Cover Page and Project Agreement	5		
Questions	5		
Goals and Achievements	5		
Swine Information	5		
Equipment Inventory	10		
Operating Expense Record	10		
Health Record and Income	10		
Processing/Treatment Map Page (**Seniors Only, Juniors/Intermediates automatically receive 5 points**)	5		
Project Summary	15		
Project Story	15		
Project Pictures	10		
Neatness	5		

SCORES
Blue Ribbon   100 - 85 Points
Red Ribbon   84 - 75 Points
White Ribbon 74 - 70 Points
*No Premium awarded for white ribbons.