

2022 Pasco County Fair
Market Swine Record Book
Middle School Exhibitors (6th - 8th Grades – Intermediate)
High School Exhibitors (9th - 12th Grades - Senior)

Ethics Certification Number _____ (VALID 3 YEARS FROM CLASS DATE)

Name: _____ Age _____ (As of Sept. 1)

Address: _____

City _____ Zip Code _____

Name of Club/Chapter: _____ Years in Swine Project _____

School/Home School _____ Grade _____

Record Started ____/____/____

Record Closed February 13th, 2022

- ❖ Record Books are required for any youth exhibiting a PCF swine market animal.
- ❖ Keeping records up to date you will be able to see how much progress you have made.
- ❖ Set goals for your project and see how your hard work to accomplish them has paid off.
- ❖ **MUST BE HANDWRITTEN!!** Write neatly and clearly. Be consistent throughout your record book using Blue or Black ink.
- ❖ Pictures are a requirement for this record book. Take pictures of you and your swine together at:
 1. Beginning, when you first START your pig project. This would be prior to Ear tag day.
 2. Middle, as your swine grows. This would be in December - January.
 3. End of your project. This would be in February by record book turn in day. This is a great way to see how your animal has grown. Remember to include yourself in the photos.
- ❖ Buyer's letters are a requirement for this record book. *Follow the Letter format provided. These letters should be handwritten!

You may get additional information on your swine project from the following sources:

2022 Pasco County Fair Hog Committee Rules & Registration Packet website:
www.pascocountyfair.com Swine Resource Handbook

I hereby certify that as the exhibitor of this project, I have personally kept records on this project and have personally completed this record book. (Signed at the end of the project; February 13th, 2022.)

Signed _____ Date ____/____/____

Exhibitor

Youth Animal Project Agreement
To be Completed and Signed at the Beginning of your Project.

Project Responsibilities

The youth (exhibitor) is responsible for caring for their animal, which includes feeding, deworming, providing fresh clean water, providing a pen, washing, and showing. The youth will use this project as an educational tool to learn skills needed in the livestock industry. This project will also help the youth see success and failure as a learning experience. The youth will keep accurate records on their project animal.

I accept these responsibilities.

Signature of Youth Exhibitor Date (beginning of project)

Parents (or) Guardian are responsible for providing financial help if needed, along with assistance and encouragement while the youth is raising this animal.

I accept these responsibilities.

Signature of the Parent (or) Guardian Date (beginning of project)

Drug Statement

I hereby certify that any drug, antibiotic, or biological substance administered by me, or any other person, will be done so in strict compliance with the manufacturer's label requirements. (Sign and date at the beginning of the project)

Signature of Youth Exhibitor Date (beginning of project)

Signature of Parent (or) Guardian Date (beginning of project)

This youth is a registered member of the _____ Club/Chapter	
Signed _____ Club/Chapter Leader	_____/_____/_____ Date (End of Project)

Purpose

The purpose of a Swine market animal project is to achieve the following:

- To understand the animal industry by purchasing, caring for and keeping records for one or more market swine animals.
- To identify the quality of swine and use efficient methods for production and marketing.
- To understand the business aspects and economics of your swine project.
- To develop integrity, sportsmanship, ethics, showmanship, and cooperation.
- To develop leadership abilities and build character and learn responsibility. Project Information The start of the project will be the day you begin preparing, feeding or purchase your pig. The end of the project will be the record book turn in date, February 13th, 2022.

Pig #1

Beginning Weight: _____

Date: _____

Halfway Weight: _____

Date: _____

End Weight: _____

Date: 02/13/2022

Animal's Name _____

USDA official ID Tag Number 840-_____

Pasco County Fair 2021 Tag Number _____

Sex _____

Breed _____

Purchase Price \$ _____ **(Box 1)**

Monthly Feed Record

Include all grains, supplements, and products your hog is consuming/eating.

Month	Type of Feed	Pounds of Feed	Cost of Feed
September			
October			
November			
December			
January			
February			
Total Cost of Feed	XXXXXXXXXXXXXXXXXXXX	XXXXXX	

Please take note on any withdrawal times for ANY product your hog consumes.

Total Cost of Feed \$ _____ (Box 2)

Expenses Other Than Feed

Type of Expense	September	October	November	December	January	February	TOTALS
Housing/Pen Costs							
Vet Fees							
Bedding							
Fair Fees							
Pictures							
Club/Chapter Fees							
Show Supplies							
Marketing of Animals***							
Other Expenses **							
Monthly Totals	\$	\$	\$	\$	\$	\$	\$

***Marketing of Animals- postage, pictures, letters, cards, any item promoting your hog, etc.

** Other Expenses- buyer's basket, soap, hoses, anything that does not fit in other categories.

Total Cost of Expenses \$ _____ (Box 3)

Market Swine Project Weight Record

1. Complete all fields in this chart using calculations listed in the chart.

Tag #	Ending Weight	Starting Weight	Total Pounds Gained	Total Days on Feed	Average Daily Gain	Total Pounds of Feed	Feed Efficiency Conversion
	A	B	(A-B)=C	D	(C÷D)	E	(E÷C)

2. Using the above chart to calculate: C _____ divided by D _____ = _____ (Average Daily Gain)

What is the definition of Average Daily Gain?

Why is it important to know the Average Daily Gain of your pig?

3) Use the above chart to calculate: E _____ divided by C _____ = _____ (Feed Efficiency)

What is the definition of feed efficiency?

4) Using the above chart and Total Feed Costs (box 2) Calculate:

Total Feed Cost (Box 2) _____ divided by C _____ = _____ (Cost of Feed per pound of Gain)

What is a Balanced Ration?

Is it a benefit to know my feed per pound of gain?

If so, how would it help me?

Profit and Loss Summary

Selling my Swine at Market Price \$ 0.54 per pound

Purchase price (Box 1) \$ _____

Feed Costs (Box 2) \$ _____

Other Expenses (Box 3) \$ _____

Total Expenses (Add Box 1, 2 and 3) \$ _____

Total Income (Market Value of \$0.54 per pound multiplied by the final weight of your hog) \$ _____

Total Expenses (As listed above add box 1, 2, 3) \$ _____

Total Net Profit (or) Loss (Total Income minus Total Expense = Total profit / loss) \$ _____

*If this is a loss, the total should be shown as a negative number.

Is this a Net Profit or Loss? _____ Why: _____

Selling My Swine in the PCF Hog Sale at \$ 3.00 per pound

Purchase Price (Box 1) \$ _____

Feed Costs (Box 2) \$ _____

Other Expenses (Box 3) \$ _____

Total Expenses (add Box 1, 2 and 3) \$ _____

Total Income (PCF Hog Sale at \$3.00 per pound multiplied by the final weight of your hog) \$ _____

Total Expenses (As listed above add box 1, 2 and 3) \$ _____

Total Net Profit or Loss (Total Income minus Total Expense = Total Profit / Loss) \$ _____

*If this is a loss, total should be shown as a negative number.

Is this a Net Profit or Loss? _____ Why: _____

What would be something you can do to earn more profit with your market swine?

Answer Each of the Following Questions

Selection (Chapter 3)

1. If you were to have a 60-pound hog and need it to be 240 pounds at fair time, how many days would you need to attain the weight?

2. What is the ideal muscle pattern in today's meat hog?

Pork Products (Chapter 5)

3. What are the wholesale cuts of pork that come from a market hog?

4. List the correct organ in which the following by products are produced from:

Melatonin - _____

Gelatin - _____

Cholesterol - _____

Heart Valves - _____

Cortisone - _____

Estrogen - _____

Insulin - _____

Buttons - _____

Crayons - _____

Glass - _____

Diseases (Chapter 9)

5. List the correct diseases as either a virus or bacterial infection (list only the ones specifically stated):

Bacteria

Virus

Breeding Management (Chapter 18)

6. List the six signs of Estrus:

7. How long does sperm live in the reproductive tract of a sow?

8. How should liquid semen be stored?

9. Please explain three advantages of artificial insemination.

a. _____

b. _____

c. _____

10. What is the duration of ovulation of a sow?

Swine Project Photographs

Taking pictures of “You and Your Swine together” at the beginning, middle and at the end of your project will show how your animal has grown and developed. Additionally, photos can be included to show how you cared for your swine and how you prepared it for showing at our Pasco County fair. Photos can show a safety practice, grooming your pig, or how your swine is cared for as examples.

Each photo should have a caption describing the event you are photographing with the period of time it was taken.

*For example: this photo was taken in October when I bought my pig,
or at tag in day in December. Include some safety practices you use.*

Project Photos should include a minimum of 4 pictures and a maximum of 8 pictures.

Be sure to include captions that explain your pictures.

Beginning Picture (October), Midway (December), and Ending Picture (February).

KEEP THIS PAGE BLANK

**Use Additional pages as needed for your photographs,
placed behind this cover - instructional page.**

**Photos that are loose and not attached to a page or secured in
your record book binder/folder will not be accepted.**

Your record book will be considered incomplete.

Write a Minimum of FOUR (4) Individual Buyers' Letters

Insert ONLY a "COPY" of each Letter

Mail the original to your buyer, make a copy and place the copy in your record book

FORMAT TO USE FOR YOUR BUYER'S LETTER

- (1) My Name, Hog Exhibitor
123 Main Street
Any Town, FL. 33525
 - (2) Date
 - (3) Buyer's Name (Mr. and/or Mrs. _____)
Company
Address
City, State, Zip
 - (4) Dear _____,
 - (5) Body of your letter to your Buyer. Also include date and time of show and sale.
 - (6) Sincerely,
 - (7) My Signature
-

***Format for writing your Buyers Letter, should ALWAYS include:**

- (1) Heading
- (2) Date of Letter
- (3) Buyer's name and address
- (4) Salutation (Dear Mr. and/or Mrs. Buyer)
- (5) Body of Letter (*include show and sale dates and times)
- (6) Closing (Sincerely / Regards)
- (7) Exhibitor's Signature

Please write your letter neatly and with proper punctuation and sentence structure. Tell your Buyer about your swine project and you or your accomplishments.

Give them an invitation to come and buy your Hog.

You should include the Bidders guide in your envelope or hand delivery. You can also include the fair brochure. Pick one up at the fair office.

Introduction Card

Name: _____

Grade: _____ School: _____

Years Showing Hogs: _____

This is your sale night introduction!

In three (3) short sentences, list interesting facts about yourself, or what you've learned with your livestock project.

(Ex: clubs, activities, hobbies, academies, etc.)

1. _____

2. _____

3. _____

Guidelines for Completing Your Record Book

Middle and High School Exhibitors

Hog Record Book 2021

Pasco County Fair

General Guidelines

1. **All record books are to be handwritten by the exhibitor.** No typing allowed. Buyer's letters should be handwritten.
2. This record book should be completed in ink. Use either black or blue ink, but be consistent. Erasable pens work well.
3. Take photos of your hog from the beginning, middle and at the end of project. Include yourself in photos. Don't wait until the week before the fair to put everything together.
 - We **do not** want to see photos of you wearing the same clothing with your pig fully grown ready for fair.
4. **If you have two pigs, keep a record book that you will turn in, for one pig ONLY.**
5. **Keep records as your swine project progresses.** Record everything you do along the way, in a "working copy". Then re-write or transfer your information to a Record Book copy that you will submit to the Hog committee on Sunday, February 13th, 2022, for judging.

Page by Page Guidelines

- Page 1 **Exhibitors Information:** Exhibitor signs at end of the project. Feb. 13th, 2022
- Page 2 **Project Agreement:** This is an agreement form which must be signed by exhibitor, parent (or) guardian and advisor (or) leader. Please read this form carefully. Note: These are to be signed at the beginning of the project. Leader (or) Advisors Signature is to be obtained when you BEGIN your record book. This is when the exhibitor starts their pig project.
- Page 3 **Project Information:** Purchase price of animal in Box 1.
- Page 4 **Monthly Feed Record:** Add the totals for each month that you spent on feed in the last column and put total cost of feed in Box 2.
- Page 5 **Expenses Other Than Feed:** Keep a list of all the fees, supplies and equipment you obtained throughout your entire 2021-2022 swine project. Add the total expenses for each month together and place in Box 3.
- Page 6-7 **Market Swine Project Weight Record:** Calculate the weight of gain by subtracting the starting weight from the final weight, place in Box C. Days on feed will be the day you start your swine project on feed until the day you turn in your record book, place in Box D. 2) Divide (C) by (D) to get daily weight gain. 3) Divide (E) by (C) to get feed efficiency conversion. 4) To calculate, take the feed cost from Box 2 on page 4 and divide it by (C) to get the feed per pound of gain. Answer questions in complete sentences.
- Page 8 **Profit and Loss Summary:** Add Purchase Price (Box 1), Feed Cost (Box 2) and Other expenses (Box 3) for your Total Expenses. Total Income: (Market Value @ \$0.54) & (Pasco County Hog Sale Price @ \$3.00). Final weight multiplied by the market value per pound and Final weight multiplied by the PC Hog Sale amount per pound to get Total Income. Subtract Total Expenses from Total Income to get Net Profit (or) Loss. A Loss should always be shown as a negative. (– in front of the loss amount.)
- Page 9-11 **Questions:** Answer in complete sentences. Answers can be found in your Swine Resource Handbook, provided by Hog Committee. The chapter will be listed to help find your answers.

- Page 12 **Project Story:** Write at least 150 words describing your project from beginning to end. Include difficulties, achievements and goals that you had throughout the project.
- Page 13 **My Swine Project Photographs:** Provide FOUR at a minimum, and up to eight pictures as a maximum showing the beginning, middle and end of your project. Include yourself in the photos. Be sure to include captions that explain the pictures and the time they are taken. Give examples of what you're doing, learning or show safety practices.
- Page 14 **Letters** – Copies of completed business letters addressed to four (4 at a minimum) different buyers must be presented with your record book. AT THE TIME OF RECORD BOOK TURN-IN ON FEBRUARY 13TH, 2022, BY 4:00PM. Mail the original to a potential buyer and include a copy of your letter in the record book. The committee strongly encourages exhibitors to contact NEW prospective buyers. Buyer's letters can be handwritten or typed; however, a survey of the hog buyers showed they prefer legible handwritten Buyer's Letters over typed letters.
- Page 15 **Introduction Card** – Complete this for the Sale, it's how we introduce you! *This is turned in with your Record Book.

**Record Book Turn-In day is February 13th, 2022
in Higgins Hall 2:00pm – 4:00pm**

**To Exhibit a Swine at the 2021 Pasco County Fair
Proof of eligibility is required according to the following rules:**

1. You have registered as an exhibitor online by September 15th 2021 at 11:59pm.
2. You have attended the **Mandatory** educational seminar for all exhibitors on Oct. 9th, 2021.
3. Your swine has been tagged by the PCFHC on November 6th or December 5th, 2021 and has a USDA State official 840 ID tag. **Mandatory**
Both tags must be attached to the swine's ear on final weigh in day or you have notified the PCF Hog committee immediately if the PCF tag was removed or is missing.
4. An exhibitor entry statement was signed and provided to PCFHC at time of tag-in. **Mandatory**
You will find the Entry Statement page in the rules.
5. You have submitted a Swine Tag Entry Form with the required photos by: December 15th, 2021 to the Pasco County Hog committee email: swine@pascocountyfair.com. **Mandatory**
6. A Completed record book must be presented on February 13th, 2022, between 2:00pm – 4:00pm. **Mandatory** *A record book must be turned-in for the Exhibitor and their animal to be eligible to compete in Showmanship, the Swine Show, or participate in the Sale of their market animal. Completed record books should be in a binder **NO larger** than a ½ inch or can be in a 4-H / FFA folder. Must be in sheet protectors.
*A record book may be rejected, if not in the correct size binder or correct folder. The exhibitors name should be on the front cover of their binder or folder.**
7. All exhibitors must have a current Ethics certification, received from the Youth Livestock Show Ethics and Animal Care Workshop (valid 3 years from date of class). www.floridastatefairag.com. **Mandatory**
8. **Elementary School** (grades 2-5) – **Academic Report for Elementary School Exhibitors Form.** **Mandatory.** (No need to submit an Elementary report card.)
9. **Home School** – **Complete the Academic Report for Home Schooled Exhibitors Form. There is no need for Elementary aged students (grades 2-5) to submit report cards.**

2022 Swine Skills Test

The Swine Skills Test will be held during Record Book turn in at Higgins Hall, Pasco County Fairgrounds, February 13, 2022.

After you submit your academic report and record book, you will take your test. If you want to be eligible for overall exhibitor, you must take this test. The test will be given to each of the following age groups: Elementary, Middle and High School.

The Swine Skills Test will be based on knowledge acquired from the 2022 Elementary School (Junior) Record Book and the Junior Swine Resource Book (Resource Books will be given to Junior exhibitors by the Hog Committee at the mandatory meeting in October).

Check List

- _____ Academic Report (see Proof of Eligibility)
- _____ Record Book pages 1 – 12
- _____ A minimum of 4 pictures and a maximum of 8 pictures, referenced on page 13
- _____ A Copy of Each of the 4 Buyer's letters, referenced on page 14
- _____ Completed introduction card for the Sale Night, on page 15