

2017 VOLUSIA COUNTY FAIR  
YOUTH LIVESTOCK  
BREEDING RECORD BOOK



Exhibitor Name: \_\_\_\_\_  
Age (as of Sept. 1): \_\_\_\_\_ Grade: \_\_\_\_\_ Years in Project: \_\_\_\_\_  
Club or Chapter Name  
or Independent: \_\_\_\_\_  
Circle one:      Heifer      Ewe      Goat      Swine

INTERMEDIATE AND SENIOR LEVEL  
Ages 11-18 Years Old

Score: \_\_\_\_\_ Place: \_\_\_\_\_

# RECORD BOOK REQUIREMENTS AND SCORING

RECORD BOOK SECTIONS	POSSIBLE POINTS
• PROJECT AGREEMENT - PAGE 3	/5
• PROJECT INFORMATION - PAGE 4	/5
• RESEARCH - PAGE 4	/10
• PROJECT SUMMARY - PAGE 5	/10
• COMPONENTS OF A BREEDING PROGRAM - PAGE 6	/5
• COMPONENTS OF YOUR BREEDING ANIMAL - PAGE 7	/5
• PROJECT INVENTORY - PAGES 8 - 10	/5
• HEALTH RECORD - PAGES 11 & 12	/5
• NON-FEED EXPENSES - PAGES 13 & 14	/5
• FEED EXPENSES - PAGES 15 & 16	/5
• PROJECT ENTERPRISE SUMMARY - PAGES 17 & 18	/5
• SPECIAL PROJECT - PAGE 19	/5
• PHOTOGRAPHS WITH CAPTIONS - PAGES 19 - 23	/10
• REQUIRED VOLUSIA COUNTY FAIR DOCUMENTS - AND BREEDING RECORD - PAGE 24	/10
• NEATNESS AND ADHERENCE TO GUIDELINES, GRAMMAR, SPELLING	/10
TOTAL POINTS POSSIBLE:	100

1. The beginning of the project is the date of purchase or acquisition, or in case of a multi-year project, from December 1.
2. Record Books are due on or before Barn Work Day.  
Late Record Books will not be accepted.
3. Record Books should be stapled in the top left corner and not placed in a plastic cover or notebook.
4. Record Books should be hand-written, in pen or pencil (if special arrangements need to be made, please contact Laura Cash at 386-822-5778).
5. Have your parent, club leader, or advisor proofread your Record Book.
6. Scoring: 90-100 Blue; 80-89 Red; 70-79 White

# PROJECT AGREEMENT

This section is to be completed at the end of the project.

Exhibitor Name: \_\_\_\_\_

Exhibitor Address: \_\_\_\_\_

\_\_\_\_\_

Exhibitor Phone: \_\_\_\_\_

Exhibitor E-mail: \_\_\_\_\_

## CERTIFICATION STATEMENTS

I hereby certify that as the exhibitor of this project, I have been personally responsible for the care of this animal, I have personally kept records on this project, and I have personally completed this Record Book.

\_\_\_\_\_  
Exhibitor Signature

\_\_\_\_\_  
Date

I/We, the parent(s)/guardian(s), certify that our son/daughter has completed this project, with our encouragement and assistance, has completed this record book, and will comply with all of the rules and regulations of this show.

\_\_\_\_\_  
Parent/Guardian Signature

\_\_\_\_\_  
Date

This exhibitor is a current and active member in good standing with the \_\_\_\_\_  
4-H Club or the \_\_\_\_\_ FFA Chapter. I have reviewed this book for  
completeness and accuracy of reporting.

\_\_\_\_\_  
Club Leader/ FFA Advisor Signature  
(if applicable)

\_\_\_\_\_  
Date

## DRUG STATEMENT

I hereby certify that any drug, antibiotic, or biological residue which may have been administered by myself, or any person, was done so in strict compliance with the manufacturer's label requirements or as prescribed by a veterinarian.

\_\_\_\_\_  
Exhibitor Signature

\_\_\_\_\_  
Parent/Guardian Signature

## PURPOSES OF BREEDING ANIMAL PROJECTS

1. To acquire an understanding of livestock animal production by preparing for an animal, purchasing it, caring for it with best management practices, and keeping accurate records.
2. To be able to identify the types and grades of the animal species and to employ efficient methods of production and marketing.
3. To understand the business aspects and economics of purchasing animals, feed, facilities, and equipment needed for a breeding animal project.
4. To develop a sense of integrity, good sportsmanship, and cooperation with other exhibitors and the public.
5. To develop leadership abilities, build character, and to assume citizenship responsibilities as an ambassador for the livestock production community.

## PROJECT INFORMATION

Name of animal: \_\_\_\_\_ Breed: \_\_\_\_\_

Identification number of animal: \_\_\_\_\_

Ethics number of exhibitor: \_\_\_\_\_

Is this a chapter or club animal? If so, identify the club or chapter:

\_\_\_\_\_

Birth date of animal: \_\_\_\_\_ Date of ownership: \_\_\_\_\_

Was this animal purchased or was it the product of a project breeding program?

\_\_\_\_\_

Estimated beginning value, or actual cost, of animal: \_\_\_\_\_ Ending value: \_\_\_\_\_

## RESEARCH TOPICS FOR 2017

Write one paragraph on one of the following:

1. **Leadership and Citizenship:** Discuss what leadership roles you have held in your chapter/club, and describe specific activities about how those roles related to your animal project.
2. **Animal Science:** Describe three aspects of your animal project from a business perspective.
3. **Health:** Explain why it is so important to have a clean food supply and how you have implemented best practices to ensure your animal is healthy.
4. **Workforce Preparation:** Expound on how animal projects teach valuable workforce skills.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## **PROJECT SUMMARY**

Your score in this section will be determined by the completeness and thoroughness of your answers, neatness, and your grammar and spelling.

1. List 3 goals you have for this project (complete at beginning of project):

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

\_\_\_\_\_  
Exhibitor Signature

\_\_\_\_\_  
Date

2. Why did you select this breeding project and what factors influenced your decision to acquire this animal?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

3. List three things you learned, or skills you acquired, by completing this project:

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

4. What production-related characteristics make this breed of animal desirable for breeding?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

5. Who has influenced you, encouraged you, and helped you complete this project and how?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

6. List three things that you considered to be challenges with your project:

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

7. Describe practices you consider make a good showman:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

8. What plans do you have for future projects and what improvements can you make?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

# COMPONENTS OF A BREEDING PROGRAM

Breeding programs have several major components. Describe at least four:

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

Describe three OBSERVABLE traits and three MEASURABLE traits of your breeding animal:  
Observable:

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

Measurable:

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

The equation  $P = G + E$  means what in animal breeding?

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List three (3) purposes for breeding your species of animal from a PRODUCTION perspective?

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

What are three (3) practices or methods you would like to implement to improve your breeding animal program?

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

What traits would you like to see in the offspring of your breeding animal and why?

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# COMPONENTS OF YOUR BREEDING ANIMAL

When examining a breeding animal's structure, you should strongly consider which parts of the animal as indicators of a successful breeding animal?

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

List some terminology judges use to describe breeding animals and what they mean:

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

When you show your breeding animal, what techniques do you use to show it off to the best advantage?

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

What environmental factors can influence the success of your breeding program?

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

How often and how should the animal be groomed:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

How much area should you have for your animal - to graze, be worked, etc.?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

What tools do you use to train your animal to show and how often do you work it?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

When inspecting your animal daily for healthy behaviors and appearance, what do you look for?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Share a fascinating fact that you have learned about your animal (history, medical, by-products, etc.):** \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

## PROJECT INVENTORY

List all equipment and assets you had at the beginning of the project. After listing the existing inventory, list those items you purchased after you began the project in reverse chronological order. List only those items that you plan to keep past the end of the project. Examples: Clippers, buckets, blowers, chutes, show boxes, brushes and combs. Do not list expendable items such as feed, shampoo and conditioner.

There are several ways to do depreciation. For this Record Book, you will use Straight Line Depreciation. Depreciation is defined as the decrease in value of items used over time. Each year, your inventory loses part of its original value. Items depreciate as soon as they are purchased and year should be determined from fair to fair. This is the formula to be used, and you will assume that the object will have zero value at the end of its life:

$$\text{Initial Cost of Asset} - \text{Residual Value at End of the Project} = \text{Yearly Depreciation} \\ \text{Useful Life of Asset in Years}$$

Example:  $\frac{\$300 \text{ Purchase Cost of Clippers} - \$0 \text{ Value in 5 Years}}{5 \text{ Years Expected Life}} = \$60$  depreciation expense each year

Initial Value: \$300; Year 1: \$240; Year 2: \$180; Year 3: \$120; Year 4: \$60; Year 5: \$0

ITEM DESCRIPTION	DATE ACQUIRED	PURCHASE COST OR VALUE	EXPECTED LIFE OF ITEM	NUMBER OF YEARS OF USAGE	VALUE AT BEGINNING OF CURRENT YEAR OF PROJECT	DEPRECIATION DEDUCT FROM THE ITEM'S VALUE	VALUE AT END OF CURRENT YEAR OF PROJECT
A	B	C	D	E	F	G	H
Ex: Blower	12/2010	\$394.95	Est. life of 10 years	5	\$197.50 Project start: 5/2015	Yearly depreciation: \$39.50 (round up)	\$197.50 11/2015
Ex: Clippers	3/2/2012	\$239.95	Est. life of 5 years	4	\$95.98 Project start: 5/2015	Yearly depreciation: \$47.99	\$95.98 11/2015
Ex: Bucket	7/18/2015	\$19.98	Est. life of 2 years	1	\$19.98 Project start: 5/2015	Yearly depreciation: \$9.99	\$9.99 11/2015
Ex: Show Box	9/23/2015	\$525.00	Est. life of 5 years	1	\$525.00 Project start: 5/2015	Yearly depreciation: \$105.00	\$420.00 11/2015
	<b>TOTALS</b>	\$1,179.88			\$838.46	\$202.48	\$723.47



# PROJECT INVENTORY

ITEM DESCRIPTION	DATE ACQUIRED	PURCHASE COST OR VALUE	EXPECTED LIFE OF ITEM	NUMBER OF YEARS OF USAGE	VALUE AT BEGINNING OF CURRENT YEAR OF PROJECT	DEPRECIATION DEDUCT FROM THE ITEM'S VALUE	VALUE AT END OF CURRENT YEAR OF PROJECT
A	B	C	D	E	F	G	H
	<b>TOTALS</b>				\$	\$	\$

# PROJECT INVENTORY

ITEM DESCRIPTION A	DATE ACQUIRED B	PURCHASE COST OR VALUE C	EXPECTED LIFE OF ITEM D	NUMBER OF YEARS OF USAGE E	VALUE AT BEGINNING OF CURRENT YEAR OF PROJECT F	DEPRECIATION DEDUCT FROM THE ITEM'S VALUE G	VALUE AT END OF CURRENT YEAR OF PROJECT H
	TOTALS FROM PREVIOUS PAGE	\$			\$	\$	\$
	TOTALS	\$			\$	\$	\$

**VALUE OF BEGINNING INVENTORY - COLUMN F: \$** \_\_\_\_\_  
**TOTAL DEPRECIATION - COLUMN G: \$** \_\_\_\_\_  
**VALUE OF CLOSING INVENTORY - COLUMN H: \$** \_\_\_\_\_





## NON-FEED EXPENSES

List amounts in columns by month. Include descriptions. This page can be duplicated.

<b>MONTH AND YEAR</b>	<i>Ex: August 2015</i>						
<b>VETERINARY SERVICES</b>	<i>\$150 for home visit</i>						
<b>MEDICATIONS/ OTHER TREATMENTS</b>	<i>\$25 for antibiotics</i>						
<b>BEDDING</b>							
<b>REGISTRATION FEES</b>	<i>\$15 entry fee for VCF</i>						
<b>HOUSING/RENT/ LEASING</b>							
<b>CLIPPING/ SHEARING FEES</b>							
<b>TRANSPORTATION</b>	<i>\$10 gas to take animal to tagging</i>						
<b>ADVERTISING/ MARKETING</b>	<i>\$10 for stamps, envelopes for letters</i>						
<b>OTHER - PLEASE SPECIFY</b>							
<b>MONTHLY TOTAL</b>	<b>\$210.00</b>	\$	\$	\$	\$	\$	TOTAL:
<b>TOTALS:</b>							

# NON-FEED EXPENSES

List amounts in columns by month. Include descriptions. This page can be duplicated.

<b>MONTHLY TOTAL</b>	\$	\$	\$	\$	\$	\$	TOTAL:
<b>OTHER - PLEASE SPECIFY</b>							
<b>ADVERTISING/ MARKETING</b>							
<b>TRANSPORTATION</b>							
<b>CLIPPING/ SHEARING FEES</b>							
<b>HOUSING/RENT/ LEASING</b>							
<b>REGISTRATION FEES</b>							
<b>BEDDING</b>							
<b>MEDICATIONS/ OTHER TREATMENTS</b>							
<b>VETERINARY SERVICES</b>							
<b>MONTH AND YEAR</b>							<b>TOTALS:</b>

## FEED EXPENSES

1. Write the information from the feed tag, or the mixture you use, including the percentages of protein, fat or energy, and fiber.

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2. Did the feed or mixture change through the project? How and why?

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3. How did you decide upon the type of feed and the amounts to feed your animal?

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MONTH	POUNDS OF HAY OR ROUGHAGE AND COST	POUNDS OF GRAINS AND COST	POUNDS OF MINERALS/ SUPPLEMENTS AND COST	OTHER (SPECIFY) AND COST	MONTHLY TOTALS
<i>Ex: 9/15</i>	<i>Hay 40#  \$7.00</i>	<i>17% sheep 200#      \$12.45 per bag x 4</i>	<i>Supplements 40#      \$35.00</i>	<i>n/a</i>	<i>280#  \$91.80</i>
<i>Ex: 10/15</i>		<i>Purina Showpig 709 200#      \$99.96</i>	<i>Depth Charge #25  \$13.99</i>		<i>225#  \$113.95</i>
<b>TOTAL POUNDS FED:</b>	#	#	#	#	#
<b>TOTAL COST OF FEED:</b>	\$	\$	\$	\$	\$





## PROJECT ENTERPRISE SUMMARY

### OTHER INCOME

List income from your project, such as premiums from jackpot shows, fairs, or other money earned. If you have no other income from your project, then enter zero.

DATE	DESCRIPTION	TOTAL
<b>TOTAL</b>		

### SPONSOR INCOME

List income from sponsors in the chart below. If you do not receive financial support from a sponsor, then enter zero.

DATE	DESCRIPTION	TOTAL
<b>TOTAL</b>		

### SPONSOR DONATIONS

List donations of supplies, transportation, equipment, and other items below.

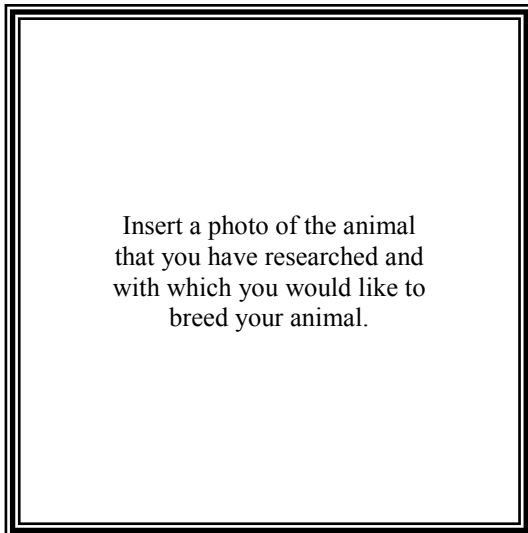
DATE	DESCRIPTION
9/13/15	<i>Club leader transported animal to jackpot show in trailer.</i>

# PROJECT ENTERPRISE SUMMARY

Complete the financial summary for this project year in the charts below:

INCOME		REFER TO PAGE 18	
PRODUCTION AND OTHER INCOME			
SPONSOR INCOME			
<b>TOTAL:</b>		<b>\$</b>	
EXPENSES		REFER TO PAGES 11, 14 - 17	
TOTAL DEPRECIATION			
TOTAL NON-FEED EXPENSES			
TOTAL FEED EXPENSES			
<b>TOTAL:</b>		<b>\$</b>	
<b>PROFIT OR LOSS</b>	=	<b>TOTAL INCOME</b>	-
			<b>TOTAL EXPENSES</b>
			= \$

## RESEARCH ACTIVITY:



### RESEARCH ABOUT A SIRE

How did you find this animal?

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Location (include farm, city, state, owner):

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Estimated Cost(s):

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What is your plan (why did you decide on this animal, future of breeding project, what will do with the offspring, etc.)?

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Breed, Age, Name, Special Traits:

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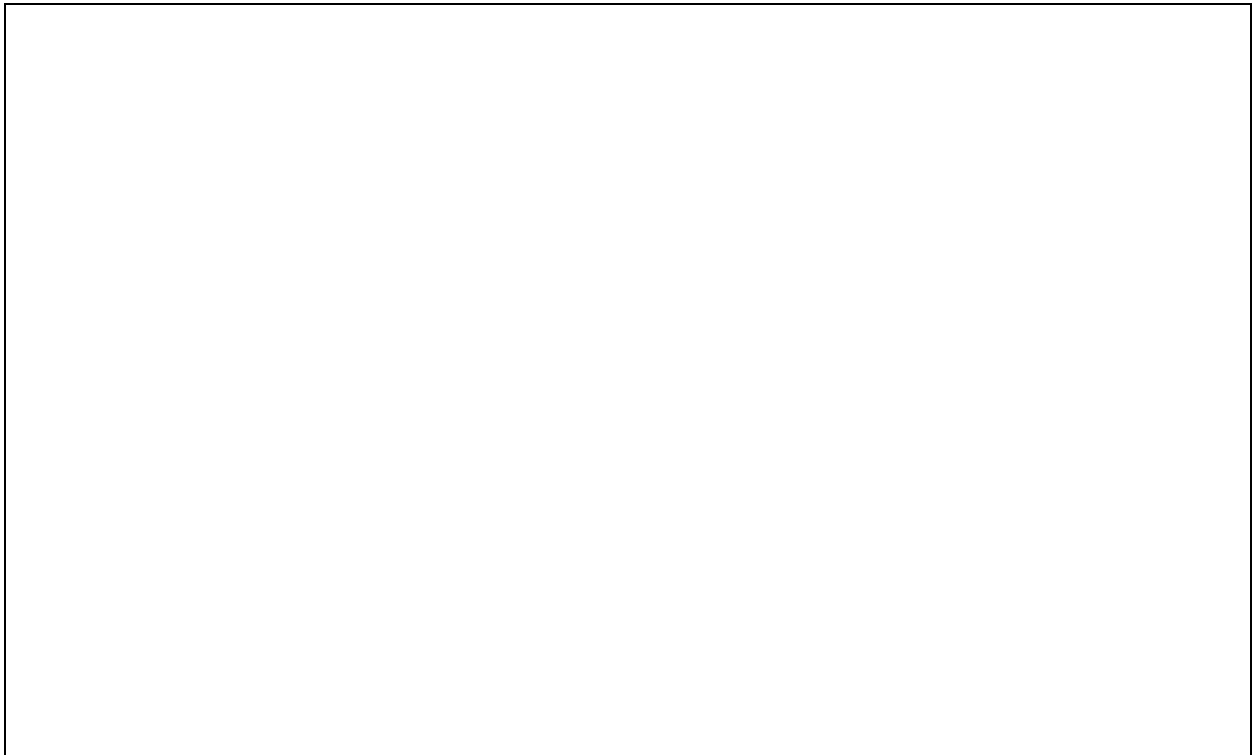


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# PROJECT PHOTOGRAPHS - A VISUAL STORY

Include at least five photographs with you and your project animal, from the beginning to the end of your project, and that reflect various aspects of your project. Photographs should be 3"x5" or 4"x6". Make sure that your photographs are attached neatly and securely. In the space below the picture write a caption. Each caption should include:

- Date
- Description of activity or event
- Skill learned
- Less than 50 words



**PHOTO CAPTION:**

DATE: \_\_\_\_\_

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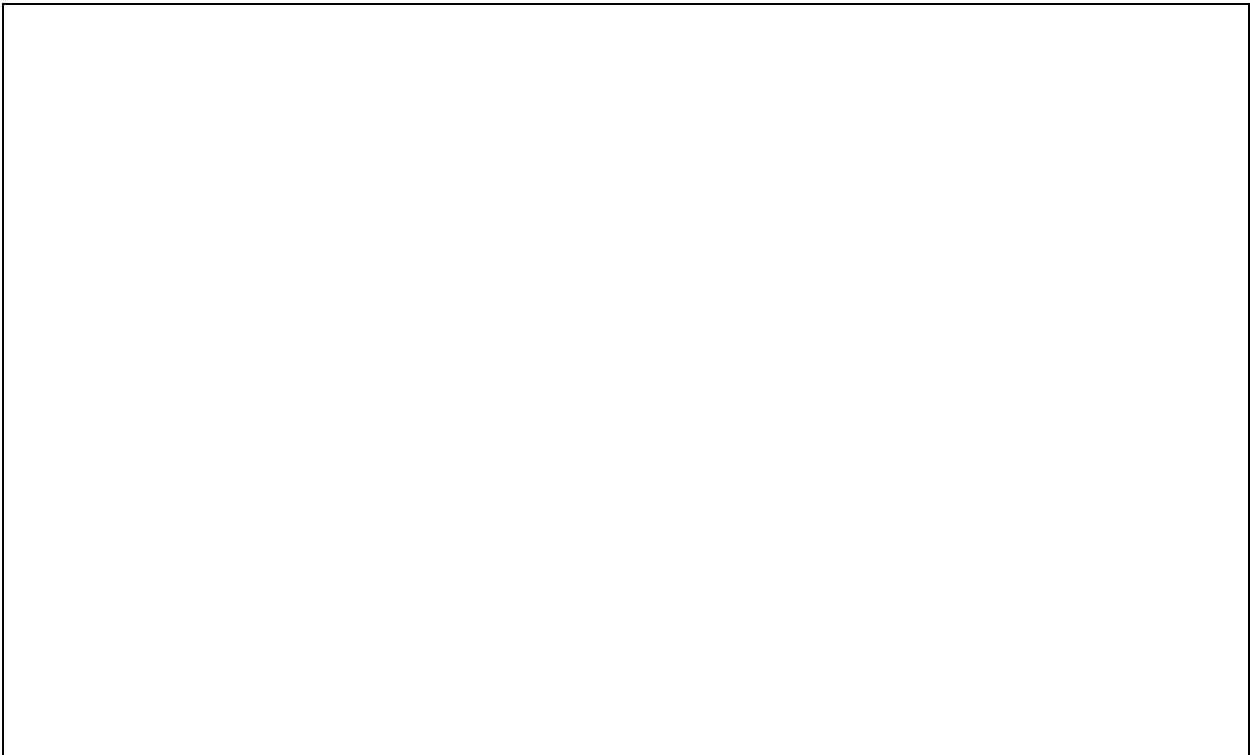
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- Less than 50 words



**PHOTO CAPTION:**

DATE: \_\_\_\_\_

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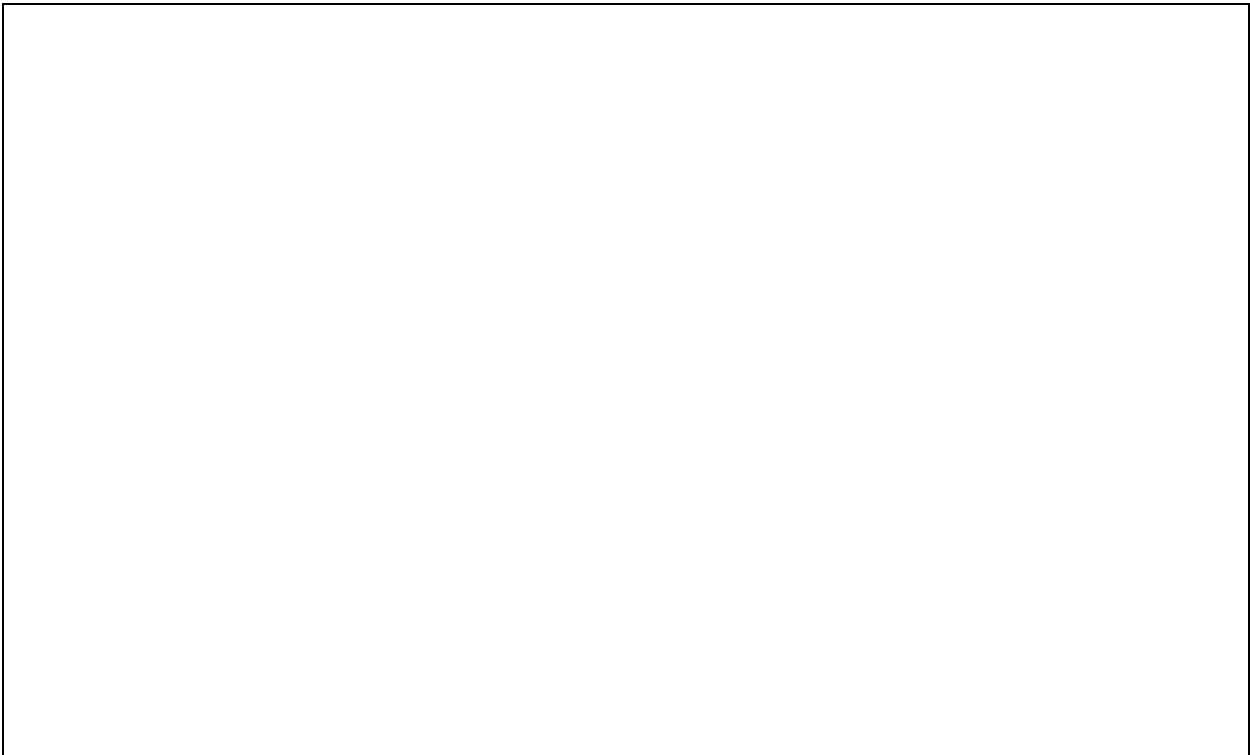
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**PHOTO CAPTION:**

DATE: \_\_\_\_\_

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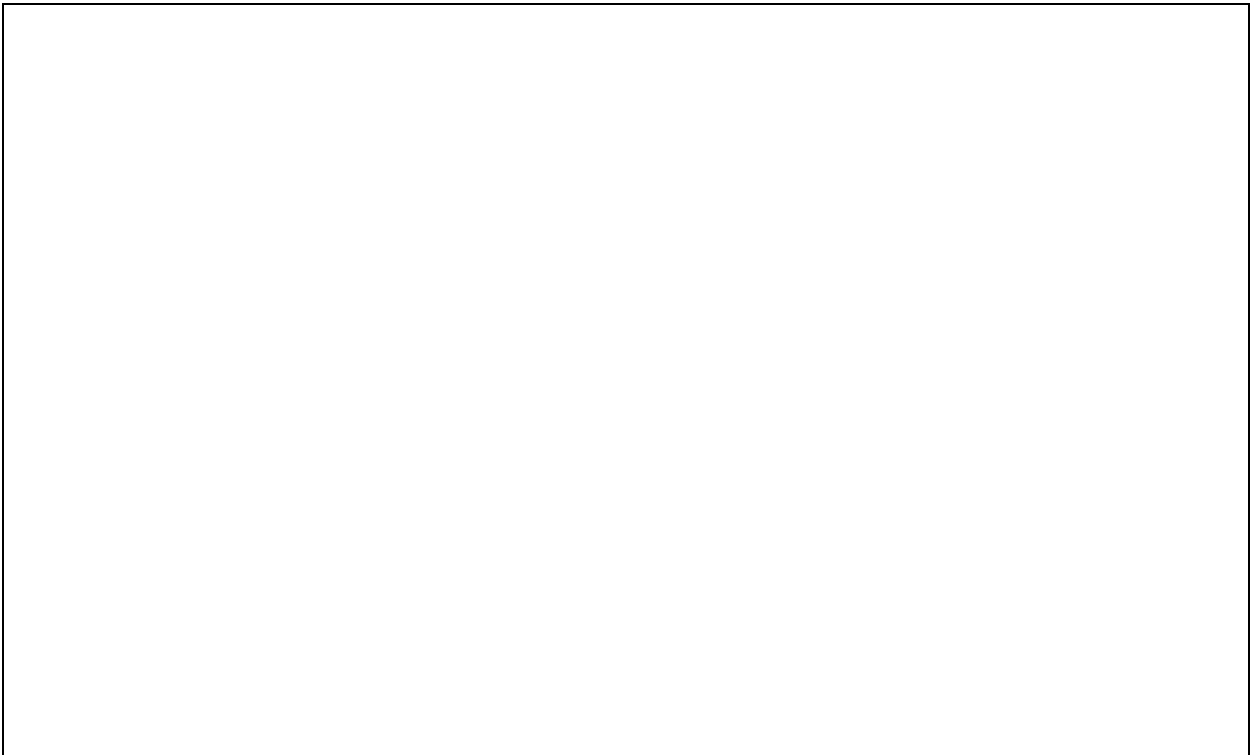
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DATE: \_\_\_\_\_

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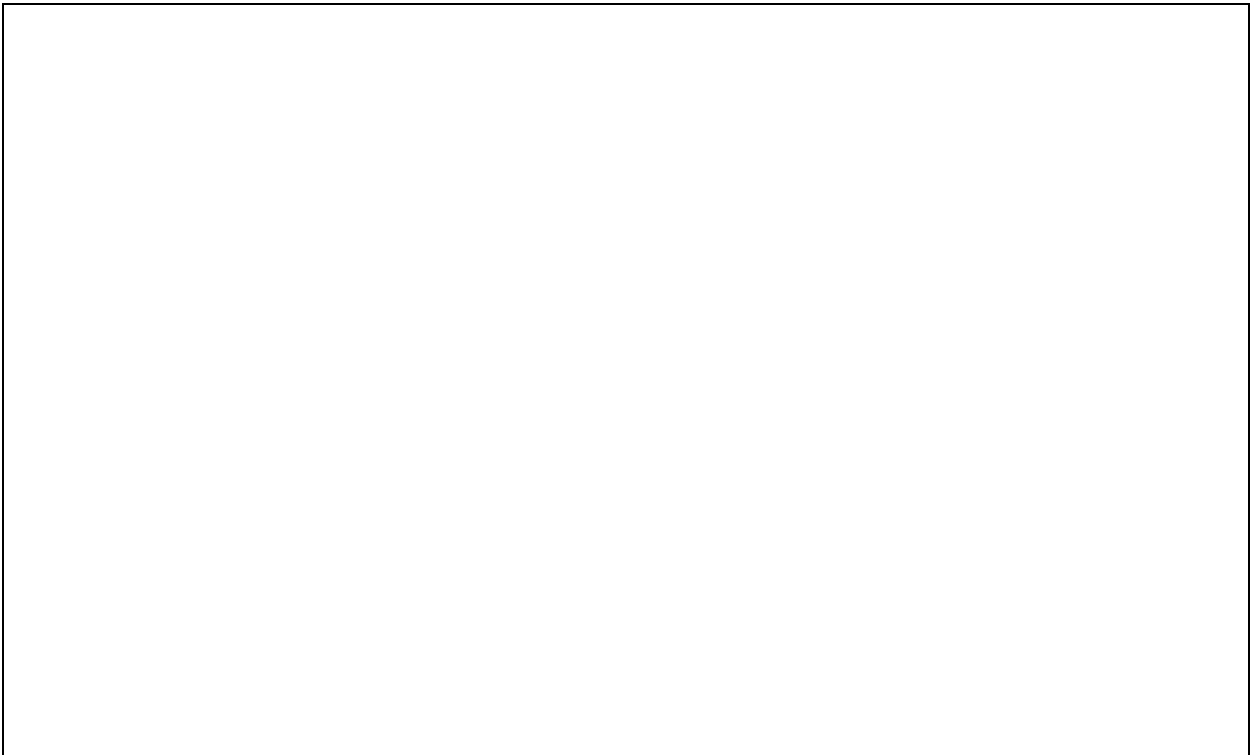
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- Less than 50 words



**PHOTO CAPTION:**

DATE: \_\_\_\_\_

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## GLOSSARY OF TERMS

**ASSET** - Something that is owned and has an economic value

**AVERAGE DAILY GAIN** - Average daily gain (ADG) is a critical performance measure that is computed by dividing the total pounds the animal gained through the project by the total number of days on feed.

**BEGINNING WEIGHT or INITIAL WEIGHT OF ANIMAL UPON PURCHASE OR ACQUISITION** - The weight of the animal when acquired

**BILL OF SALE, REGISTRATION PAPER, OR LEASE AGREEMENT** - Proof of ownership

**BQA** - Beef Quality Assurance, an online class that deals with production

**BREAK-EVEN COST PER POUND** - Total expenses divided by the estimated or final weight

**BUYER LETTER** - A letter written to a potential buyer of an market animal. Guidelines are included the Livestock Handbook

**COST OF GAIN** - Feed cost per pound of gain, determined by the total cost of feed fed divided by the total pounds gained

**CONVERSION** - Pounds of feed fed per pound of gain

**DATE ACQUIRED** - The date that the animal is in your ownership

**DEPRECIATION** - Each year, the item loses part of its original value. The decrease in value of items used in the project is called depreciation.

**ETHICS** - A three to four hour class taken every three years from a certified instructor that deals with the ethical treatment of show animals

**EXPENSES** - Charges for services or products

**FEED EXPENSES** - Project expenses related to the feeding of the animal: feed, supplements, hay, etc.

**HEALTH CERTIFICATE** - A statement of health issued by a licensed veterinarian within the last 30 days (out-of-state) and the last 90 days in Florida

**INCOME** - Money received for goods or services, or from other sources

**INVENTORY** - An inventory is a list of items in one's possession related to the project that have value. Closing inventory is what is present at the end of the project.

**LOSS** - Money for project items that adds up to more than the amount received or earned

**NON-FEED EXPENSES** - Non-feed expenses are those project expenses that are not related to the feeding of the animal. They include grooming, housing, veterinary care, transportation, envelopes and stamps, etc.

**PQA** - Pork Quality Assurance, an online class that deals with production

**PROFIT** - The difference between the purchase price and supplies for the project and the sale, or market, price

**PURCHASE COST OR VALUE** - The amount of money paid to purchase the animal

**VACCINATION** - A substance that is given to an animal to protect against a particular disease.

- SQ—SUBCUTANEOUS, UNDER THE SKIN
- IM—INTRAMUSCULAR, INO A MUSCLE
- IV—INTRAVENOUS, INTO A VEIN
- TOPICAL—ONTO SKIN
- ORAL—INGESTED

**VALUE AT THE BEGINNING, END OF PROJECT** - This refers to the market value of the animal at the beginning and end of the project. These values may or may not be the same as the purchase and sale prices.

**VOLUSIA COUNTY FAIR ENTRY FORM** - The entry form is found in the Livestock Handbook and asks for the ear tag number, Ethics number, Social Security or TIN number, exhibitor and animal information, etc.

**WHOLESALE CUTS:** Wholesale cuts are the large cuts of meat that are shipped to retailers. Retail cuts are the family sized or single serving cuts that are purchased at the store.

### RESOURCES:

Florida State Fair Youth Livestock General Record Book

Volusia County Fair Record Book

Michigan 4-H Livestock Record Book

McLean County 4-H Swine Project Record Book

Alachua County Youth Fair and Livestock Show Record Book

Osceola County Livestock Record Book