



4-H Swine

Jasper County
Record Sheet C
Grade 11

Name: _____ 4-H Club _____

1. How did hogs earn the title of "Mortgage Lifter" in the 1800's? _____

2. What does PSS stand for? _____
3. Why do females with PSS often have trouble farrowing? _____

4. When considering the structure of the hog, desirable movement can best be described as what? _____

5. The value of a market hog at slaughter is determined primarily by: _____

6. Define "percentage of lean": _____

7. Calculate the percent carcass lean for a 265 pound (live weight) hog with 190 pound carcass weight and 100 pounds estimated lean. _____

8. Pigs with a high rate of lean growth convert _____ into _____ more efficiently. This results in _____ and _____
_____.
9. Define marbling: _____
How much marbling is acceptable? _____

10. Why do muscles that are too dark have a shorter shelf life? _____

11. Match the pharmaceutical by products with the organ or gland they are derived from.

- | | |
|--------------------|--------------------|
| _____ Blood Fibrin | a. Adrenal Glands |
| _____ Calcitonin | b. Blood |
| _____ Cholesterol | c. Brain |
| _____ Epinephrine | d. Intestines |
| _____ Lipase | e. Ovaries |
| _____ Melatonin | f. Pancreas Gland |
| _____ Mucin | g. Pineal Gland |
| _____ Prolactin | h. Pituitary Gland |
| _____ Relaxin | i. Stomach |
| _____ Secretin | j. Thyroid Gland |

12. Feed represents _____ percent of the total cost of pork production.

13. The loss of an animal can be stressful both _____ and _____.

14. When weaning pigs follow these tips:

- a. Wean pigs weighing over _____ pounds.
- b. For 3 week old pigs, provide an environmental temperature of _____.
- c. Group pigs according to _____ and _____.
- d. Limit numbers in a pen to _____ or _____ if possible.

15. When considering nursery facilities, how can building and equipment costs be kept to a minimum? _____



JASPER COUNTY LIVESTOCK RECORD

(Check one)

- Beef
- Goat
- Feeder Calf
- Swine
- Sheep
- Dairy
- Dairy Beef

You need to be keeping Monthly records. Use separate pages to record your monthly data and use this form to summarize your information.

Name _____ Grade _____

Club _____ Years in 4-H _____ Years in this project _____
(of participation) (including this year) (including this year)

Table 1. Inventory of 4-H Project Animals

ID/Registration #	Animal's Name	Breed	Sex	Date of Birth	Value

(add more pages, if necessary)

Table 2. List the items you feed to your animals (include type of feed, quantity, costs).

Type of Feed	Total Amount Fed	Total Cost or Estimated Value of Feed
	#	\$
	#	\$
	#	\$
	#	\$
Grand Total	#	\$

Did you give a demonstration? Yes _____ No _____

If yes, list the date given, title of demonstration and number of people present.

List any tours, workshops, clinics, etc. you participated in relating to this project.

Financial Summary	
Item	Cost
Income	
Sale of animals (estimate income, if not yet sold) OR estimate value for breeding animals.	
Any other income from project (i.e. Open Shows)	
Total Income	\$
Expenses	
Cost of animals	
Feed costs (growing rations, finishing rations, etc.)	
Veterinary/medical fees/health paper fees	
Housing or Rent	
Manure Handling	
Bedding	
Fencing	
Transportation	
Equipment (feed, show, groom)	
Other (List)	
Total Expenses	\$
Income – Expenses: Actual or Projected Profit (loss)	\$

For Market Animals Only					
	No. 1	No. 2	No. 3	No. 4	No. 5
Feed Record:					
1. Estimate weight of animal in early Sept.					
2. Initial weight of animal (estimate or weigh-in weight)					
3. Total weight gain (line 2 minus line 1)					
4. Number of days fed					
5. Average daily gain (line 3 divided by line 4)					
6. Total pounds feed fed					
7. Pounds feed per pound gain					